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APPENDIX A

WCAG 2.0 Guidelines

Principle 1: Perceivable - Information and user interface components must be presentable to users in ways they can perceive
Guideline 1.1 Text Alternatives: Provide text alternatives for any non-text content so that it can be changed into other forms people need, such as large print, braille, speech, symbols or simpler language
Success Criteria 1.1.1 Non-text Content: All non-text content that is presented to the user has a text alternative that serves the equivalent purpose, except for the situations (Controls, Input, Time-based Media, Test, Sensory, CAPTCHA, Decoration, Formatting, Invisible). (Level A)
Guideline 1.2 Time-based Media: Provide alternatives for time-based media.
Success Criteria 1.2.1 Audio-only and Video-only (Prerecorded): For prerecorded audio-only and prerecorded video-only media, the following are true, except when the audio or video is a media alternative for text and is clearly labeled as such: Prerecorded Audio-only, Prerecorded Video-only (Level A)
Success Criteria 1.2.2 Captions (Prerecorded): Captions are provided for all prerecorded audio content in synchronized media, except when the media is a media alternative for text and is clearly labeled as such. (Level A)
Success Criteria 1.2.3 Audio Description or Media Alternative (Prerecorded): An alternative for time-based media or audio description of the prerecorded video content is provided for synchronized media, except when the media is a media alternative for text and is clearly labeled as such. (Level A)
Success Criteria 1.2.4 Captions (Live): Captions are provided for all live audio content in synchronized media. (Level AA)
Success Criteria 1.2.5 Audio Description (Prerecorded): Audio description is provided for all prerecorded video content in synchronized media. (Level AA)
Success Criteria 1.2.6 Sign Language (Prerecorded): Sign language interpretation is provided for all prerecorded audio content in synchronized media. (Level AAA)
Success Criteria 1.2.7 Extended Audio Description (Prerecorded): Where pauses in foreground audio are insufficient to allow audio descriptions to convey the sense of the video, extended audio description is provided for all prerecorded video content in synchronized media. (Level AAA)
Success Criteria 1.2.8 Media Alternative (Prerecorded): An alternative for time-based media is provided for all prerecorded synchronized media and for all prerecorded video-only media. (Level AAA)
Success Criteria 1.2.9 Audio-only (Live): An alternative for time-based media that presents equivalent information for live audio-only content is provided. (Level AAA)
Guideline 1.3 Adaptable: Create content that can be presented in different ways (for example simpler layout) without losing information or structure.

Success Criteria 1.3.1 Info and Relationships: Information, structure, and relationships conveyed through presentation can be programmatically determined or are available in text. (Level A)
Success Criteria 1.3.2 Meaningful Sequence: When the sequence in which content is presented affects its meaning, a correct reading sequence can be programmatically determined. (Level A)
Success Criteria 1.3.3 Sensory Characteristics: Instructions provided for understanding and operating content do not rely solely on sensory characteristics of components such as shape, size, visual location, orientation, or sound. (Level A)
Note: For requirements related to color, refer to Guideline 1.4.
Guideline 1.4 Distinguishable: Make it easier for users to see and hear content including separating foreground from background.
Success Criteria 1.4.1 Use of Color: Color is not used as the only visual means of conveying information, indicating an action, prompting a response, or distinguishing a visual element. (Level A)
Note: This success criterion addresses color perception specifically. Other forms of perception are covered in Guideline 1.3 including programmatic access to color and other visual presentation coding.
Success Criteria 1.4.2 Audio Control: If any audio on a Web page plays automatically for more than 3 seconds, either a mechanism is available to pause or stop the audio, or a mechanism is available to control audio volume independently from the overall system volume level. (Level A)
Note: Since any content that does not meet this success criterion can interfere with a user's ability to use the whole page, all content on the Web page (whether or not it is used to meet other success criteria) must meet this success criterion. See Conformance Requirement 5: Non-Interference.
Success Criteria 1.4.3 Contrast (Minimum): The visual presentation of text and images of text has a contrast ratio of at least 4.5:1, except for the following: (Large-scale text and images, Incidental, Logotypes)(Level AA)
Success Criteria 1.4.4 Resize text: Except for captions and images of text, text can be resized without assistive technology up to 200 percent without loss of content or functionality. (Level AA)
Success Criteria 1.4.5 Images of Text: If the technologies being used can achieve the visual presentation, text is used to convey information rather than images of text except for the following: (Customizable, Essential)(Level AA)
Note: Logotypes (text that is part of a logo or brand name) are considered essential.
Success Criteria 1.4.6 Contrast (Enhanced): The visual presentation of text and images of text has a contrast ratio of at least 7:1, except for the following: (Large-scale text and images, Incidental, Logotypes) (Level AAA)
Success Criteria 1.4.7 Low or No Background Audio: For prerecorded audio-only content that (1) contains primarily speech in the foreground, (2) is not an audio CAPTCHA or audio logo, and (3) is not vocalization intended to be primarily musical expression such as singing or rapping, at least one of the following is true:

((No Background, Turn Off, 20 dB)(Level AAA)

Note: Per the definition of "decibel," background sound that meets this requirement will be approximately four times quieter than the foreground speech content.

Success Criteria 1.4.8 Visual Presentation: For the visual presentation of blocks of text, a mechanism is available to achieve the following: (Foreground and background colors can be selected by the user, Width is no more than 80 characters or glyphs (40 if CJK), Text is not justified (aligned to both the left and the right margins), Line spacing (leading) is at least space-and-a-half within paragraphs, and paragraph spacing is at least 1.5 times larger than the line spacing, Text can be resized without assistive technology up to 200 percent in a way that does not require the user to scroll horizontally to read a line of text on a full-screen window) (Level AAA)

Success Criteria 1.4.9 Images of Text (No Exception): Images of text are only used for pure decoration or where a particular presentation of text is essential to the information being conveyed. (Level AAA)

Note: Logotypes (text that is part of a logo or brand name) are considered essential.

Principle 2: Operable - User interface components and navigation must be operable.

Guideline 2.1 Keyboard Accessible: Make all functionality available from a keyboard.

Success Criteria 2.1.1 Keyboard: All functionality of the content is operable through a keyboard interface without requiring specific timings for individual keystrokes, except where the underlying function requires input that depends on the path of the user's movement and not just the endpoints. (Level A)

Note 1: This exception relates to the underlying function, not the input technique. For example, if using handwriting to enter text, the input technique (handwriting) requires path-dependent input but the underlying function (text input) does not.

Note 2: This does not forbid and should not discourage providing mouse input or other input methods in addition to keyboard operation..

Success Criteria 2.1.2 No Keyboard Trap: If keyboard focus can be moved to a component of the page using a keyboard interface, then focus can be moved away from that component using only a keyboard interface, and, if it requires more than unmodified arrow or tab keys or other standard exit methods, the user is advised of the method for moving focus away. (Level A)

Note: Since any content that does not meet this success criterion can interfere with a user's ability to use the whole page, all content on the Web page (whether it is used to meet other success criteria or not) must meet this success criterion.

Success Criteria 2.1.3 Keyboard (No Exception): All functionality of the content is operable through a keyboard interface without requiring specific timings for individual keystrokes. (Level AAA)

Guideline 2.2 Enough Time: Provide users enough time to read and use content.

Success Criteria 2.2.1 Timing Adjustable: For each time limit that is set by the content, at least one of the following is true: (Turn off, Adjust, Extend, Real-time Exception, Essential Exception, 20 Hour Exception)

(Level A) Note: This success criterion helps ensure that users can complete tasks without unexpected changes in content or context that are a result of a time limit. This success criterion should be considered in conjunction with Success Criterion 3.2.1, which puts limits on changes of content or context as a result of user action.
Success Criteria 2.2.2 Pause, Stop, Hide: For moving, blinking, scrolling, or auto-updating information, all of the following are true: (Moving, blinking, scrolling, Auto-updating) (Level A) Note 1: For requirements related to flickering or flashing content, refer to Guideline 2.3. Note 2: Since any content that does not meet this success criterion can interfere with a user's ability to use the whole page, all content on the Web page (whether it is used to meet other success criteria or not) must meet this success criterion. See Conformance Requirement 5: Non-Interference. Note 3: Content that is updated periodically by software or that is streamed to the user agent is not required to preserve or present information that is generated or received between the initiation of the pause and resuming presentation, as this may not be technically possible, and in many situations could be misleading to do so. Note 4: An animation that occurs as part of a preload phase or similar situation can be considered essential if interaction cannot occur during that phase for all users and if not indicating progress could confuse users or cause them to think that content was frozen or broken.
Success Criteria 2.2.3 No Timing: Timing is not an essential part of the event or activity presented by the content, except for non-interactive synchronized media and real-time events. (Level AAA)
Success Criteria 2.2.4 Interruptions: Interruptions can be postponed or suppressed by the user, except interruptions involving an emergency. (Level AAA)
Success Criteria 2.2.5 Re-authenticating: When an authenticated session expires, the user can continue the activity without loss of data after re-authenticating. (Level AAA)
Guideline 2.3 Seizures: Do not design content in a way that is known to cause seizures.
Success Criteria 2.3.1 Three Flashes or Below Threshold: Web pages do not contain anything that flashes more than three times in any one second period, or the flash is below the general flash and red flash thresholds. (Level A) Note: Since any content that does not meet this success criterion can interfere with a user's ability to use the whole page, all content on the Web page (whether it is used to meet other success criteria or not) must meet this success criterion. See Conformance Requirement 5: Non-Interference.
Success Criteria 2.3.2 Three Flashes: Web pages do not contain anything that flashes more than three times in any one second period. (Level AAA)
Guideline 2.4 Navigable: Provide ways to help users navigate, find content, and determine where they are.
Success Criteria 2.4.1 Bypass Blocks: A mechanism is available to bypass blocks of content that are

repeated on multiple Web pages. (Level A)
Success Criteria 2.4.2 Page Titled: Web pages have titles that describe topic or purpose. (Level A)
Success Criteria 2.4.3 Focus Order: If a Web page can be navigated sequentially and the navigation sequences affect meaning or operation, focusable components receive focus in an order that preserves meaning and operability. (Level A)
Success Criteria 2.4.4 Link Purpose (In Context): The purpose of each link can be determined from the link text alone or from the link text together with its programmatically determined link context, except where the purpose of the link would be ambiguous to users in general. (Level A)
Success Criteria 2.4.5 Multiple Ways: More than one way is available to locate a Web page within a set of Web pages except where the Web Page is the result of, or a step in, a process. (Level AA)
Success Criteria 2.4.6 Headings and Labels: Headings and labels describe topic or purpose. (Level AA)
Success Criteria 2.4.7 Focus Visible: Any keyboard operable user interface has a mode of operation where the keyboard focus indicator is visible. (Level AA)
Success Criteria 2.4.8 Location: Information about the user's location within a set of Web pages is available. (Level AAA)
Success Criteria 2.4.9 Link Purpose (Link Only): A mechanism is available to allow the purpose of each link to be identified from link text alone, except where the purpose of the link would be ambiguous to users in general. (Level AAA)
Success Criteria 2.4.10 Section Headings: Section headings are used to organize the content. (Level AAA) Note 1: "Heading" is used in its general sense and includes titles and other ways to add a heading to different types of content. Note 2: This success criterion covers sections within writing, not user interface components. User Interface components are covered under Success Criterion 4.1.2.
Principle 3: Understandable - Information and the operation of user interface must be understandable.
Guideline 3.1 Readable: Make text content readable and understandable.
Success Criteria 3.1.1 Language of Page: The default human language of each Web page can be programmatically determined. (Level A)
Success Criteria 3.1.2 Language of Parts: The human language of each passage or phrase in the content can be programmatically determined except for proper names, technical terms, words of indeterminate language, and words or phrases that have become part of the vernacular of the immediately surrounding text. (Level AA)
Success Criteria 3.1.3 Unusual Words: A mechanism is available for identifying specific definitions of words or phrases used in an unusual or restricted way, including idioms and jargon. (Level AAA)

Success Criteria 3.1.4 Abbreviations: A mechanism for identifying the expanded form or meaning of abbreviations is available. (Level AAA)
Success Criteria 3.1.5 Reading Level: When text requires reading ability more advanced than the lower secondary education level after removal of proper names and titles, supplemental content, or a version that does not require reading ability more advanced than the lower secondary education level, is available. (Level AAA)
Success Criteria 3.1.6 Pronunciation: A mechanism is available for identifying specific pronunciation of words where meaning of the words, in context, is ambiguous without knowing the pronunciation. (Level AAA)
Guideline 3.2 Predictable: Make Web pages appear and operate in predictable ways.
Success Criteria 3.2.1 On Focus: When any component receives focus, it does not initiate a change of context. (Level A)
Success Criteria 3.2.2 On Input: Changing the setting of any user interface component does not automatically cause a change of context unless the user has been advised of the behavior before using the component. (Level A)
Success Criteria 3.2.3 Consistent Navigation: Navigational mechanisms that are repeated on multiple Web pages within a set of Web pages occur in the same relative order each time they are repeated, unless a change is initiated by the user. (Level AA)
Success Criteria 3.2.4 Consistent Identification: Components that have the same functionality within a set of Web pages are identified consistently. (Level AA)
Success Criteria 3.2.5 Change on Request: Changes of context are initiated only by user request or a mechanism is available to turn off such changes. (Level AAA)
Guideline 3.3 Input Assistance: Help users avoid and correct mistakes.
Success Criteria 3.3.1 Error Identification: If an input error is automatically detected, the item that is in error is identified and the error is described to the user in text. (Level A)
Success Criteria 3.3.2 Labels or Instructions: Labels or instructions are provided when content requires user input. (Level A)
Success Criteria 3.3.3 Error Suggestion: If an input error is automatically detected and suggestions for correction are known, then the suggestions are provided to the user, unless it would jeopardize the security or purpose of the content. (Level AA)
Success Criteria 3.3.4 Error Prevention (Legal, Financial, Data): For Web pages that cause legal commitments or financial transactions for the user to occur, that modify or delete user-controllable data in data storage systems, or that submit user test responses, at least one of the following is true: (Level AA) Reversible: Submissions are reversible. Checked: Data entered by the user is checked for input errors and the user is provided an opportunity to

correct them. Confirmed: A mechanism is available for reviewing, confirming, and correcting information before finalizing the submission.
Success Criteria 3.3.5 Help: Context-sensitive help is available. (Level AAA)
Success Criteria 3.3.6 Error Prevention (All): For Web pages that require the user to submit information, at least one of the following is true: (Level AAA) Reversible: Submissions are reversible. Checked: Data entered by the user is checked for input errors and the user is provided an opportunity to correct them. Confirmed: A mechanism is available for reviewing, confirming, and correcting information before finalizing the submission.
Principle 4: Robust - Content must be robust enough that it can be interpreted reliably by a wide variety of user agents, including assistive technologies.
Guideline 4.1 Compatible: Maximize compatibility with current and future user agents, including assistive technologies.
Success Criteria 4.1.1 Parsing: In content implemented using markup languages, elements have complete start and end tags, elements are nested according to their specifications, elements do not contain duplicate attributes, and any IDs are unique, except where the specifications allow these features. (Level A) Note: Start and end tags that are missing a critical character in their formation, such as a closing angle bracket or a mismatched attribute value quotation mark are not complete.
Success Criteria 4.1.2 Name, Role, Value: For all user interface components (including but not limited to: form elements, links and components generated by scripts), the name and role can be programmatically determined; states, properties, and values that can be set by the user can be programmatically set; and notification of changes to these items is available to user agents, including assistive technologies. (Level A) Note: This success criterion is primarily for Web authors who develop or script their own user interface components. For example, standard HTML controls already meet this success criterion when used according to specification.

APPENDIX B

List of URLs Used in the Four Experiments

A- URLs of Malaysian homepages used in experiments 1,2 and 3 (Dataset A)

Website Name	URL	Web Accessibility level before fixing severe barriers	Web Accessibility after Fixing highly ranked barriers
1- UM	http://www.um.edu.my/	19.64	5.6
2-USM	http://www.usm.my/index.php/en/	10.32	4.32
3-UKM	http://www.ukm.my/v6/	22.48	13.76
4-UPM	http://www.upm.edu.my/?LANG=en	13.44	2.4
5-UTM	http://www.utm.my/	10.6	0.96
6-UiTM	http://www.uitm.edu.my/index.php/en/	0	0
7-UIAM or IUM	http://www.iium.edu.my/	5.72	0.8
8-UMS	http://www.ums.edu.my/v5/	0	0
9-UNIMAS	http://www.unimas.my/index.php/en/	2.24	0.8
10-UUM	http://www.uum.edu.my/index.php/en/	24.16	2.56
11-UPSI	http://www.upsi.edu.my/	22.2	7.2
12-UTHM	http://www.uthm.edu.my/v2/	1.04	0.8
13-UTem	http://www.utem.edu.my/web2012/	0.8	0.8
14-UniMAP	http://www.unimap.edu.my/	0	0
15-UMT	http://www.umat.edu.my/	11.84	6.4
16-UMP	http://www.ump.edu.my/en	4.88	6.56
17-USIM	http://www.usim.edu.my/en/index.php	0.44	0
18-UniSA	http://www.unisza.edu.my/index.php?lang=en	32.8	2.4
19-UMK	http://www.umk.edu.my/rasmi/	30.64	1.6
20-UPNM	http://www.upnm.edu.my/en/	77.28	32.8
21-AIMST	http://www.aimst.edu.my/	667.36	6.4
22- Insaniah	http://www.insaniah.edu.my/porta/	10.44	5.6
23- Asia e Uni	http://www.aeu.edu.my/	12.8	0
24- Multimedia University	https://www.mmu.edu.my/	9.32	2.56
25- International Centre for Education in Islamic Finance	http://www.inceif.org/	164.44	4.48
26- HELP University College	http://www.help.edu.my/	17.28	4.8
27- Asia Pacific University College of Technology and Innovation	http://www.apu.edu.my/	128.92	2.88
28- International	http://www.imu.edu.my/imu/	51.84	1.44

Medical University			
29- Kuala Lumpur Metropolitan University College	http://www.klmu.edu.my/	156.44	44.8
30- International University College Of Technology Twintech	http://www.twintech.edu.my/	2.4	2.4
31- Open University Malaysia	http://www.oum.edu.my/oum/v3/	0	0
32- Tunku Abdul Rahman University	http://www.utar.edu.my/main.jsp	42.72	1.76
33- UCSI University	http://www.ucsi.edu.my/	4.8	2.4
34- University of Kuala Lumpur	http://www.unikl.edu.my/	18.84	0.96
35- Melaka Manipal Medical College	http://manipal.edu/mu.html	69.76	10.72
36- INTI University College	http://newinti.edu.my/main/	78.68	4
37- Nilai University College	http://www.nilai.edu.my/	5.12	0.8
38- Linton University College	http://www.linton.edu.my/	14.6	4.96
39- Malaysia Theological Seminary	http://www.stm.edu.my/version2/	6.96	0.8
40- Penang Medical College	http://www.pmc.edu.my/	8.64	5.6
41- Wawasan Open University	http://www.wou.edu.my/	28.48	5.6
42- Petronas University of Technology	http://www.utp.edu.my/	172.84	14.56
43- Curtin University of Technology	http://www.curtin.edu.my/	32.88	2.4
44- Swinburne University of	http://www.swinburne.edu.my/	29.92	1.12

Technology			
45- Binary University College of Management and Entrepreneurship	http://www.binary.edu.my/	10.04	1.76
46- Cyberjaya University College of Medical Sciences	http://www.cybermed.edu.my/cucms-web/new_web/index.html	21.36	5.6
47- Industrial University of Selangor	http://www.unisel.edu.my/	37.8	0.8
48- Kuala Lumpur Infrastructure University College	http://www.iukl.edu.my/	8.24	1.76
49- Limkokwing University of Creative Technology	http://www.limkokwing.net/malaysia/	78.4	23.84
50- Management and Science University	http://www.msu.edu.my/v9/	0.32	1.6
51- Monash University	http://www.monash.edu.my/	0	0
52- University of Nottingham	http://www.nottingham.edu.my/index.aspx	3.6	0
53- Selangor International Islamic University College	http://www.kuis.edu.my/v3/	223.84	2.4
54- Sunway University College	http://www.sunway.edu.my/	27.2	4.8
55- Taylor's University College	http://www.taylors.edu.my/en/home?bypass_mobile=0	9.6	1.6
56- Tenaga Nasional University	http://www.uniten.edu.my/newhome/content_list.asp?ContentTypeid=99	4.52	2.4
57- Tun Abdul Razak University	http://www.unirazak.edu.my/	33.64	3.2
58- TATI University College	http://www.tatiuc.edu.my/	4	4

59- Golden Screen Cinemas	http://www.gsc.com.my/	398	5.6
60- Cinema Online	http://www.cinema.com.my/default.aspx	15.52	4.8
61-TGV Cinemas	http://tgv.com.my/	124.8	32.8
62-Malaysian Internet Resources	http://mir.com.my/	32.36	5.6
63-University of Malaysia Library	http://umlib.um.edu.my/	17.76	8
64-United international Pictures	http://www.uip.com.my/	17	5.76
65- kakiseni	http://kakiseni.com/	35.92	12
66-EngTong Mobility	http://engtong.com/	24	1.6
67-Jabatan Muzium Malaysia	http://www.jmm.gov.my/ms	0.16	0
68-Sabah State Library	http://ssl.sabah.gov.my/	35.36	8.8
69- University Malaysia Library	http://lib.usm.my/	30	3.36
70-UUM library	http://cmslib.uum.edu.my/new	36.36	8
71-Live 365	http://www.live365.com/cgi-bin/directory.cgi	49.92	0
72- artmajeur	http://www.artmajeur.com/en/artist/antuardan	16.2	7.36
73- nice stupid playground	http://nicestupidplayground.tripod.com/	9.92	3.2
74-Sunway	http://sunway.com.my/portal/	27.2	4.8
75-The actors studio	http://www.theactorsstudio.com.my/index1.php	4.8	1.6
76- Azmyl Yunor homepage	http://yat.ch/yunor/	4.96	4.8
77-Dance Malaysia	http://dancemalaysia.com/	3.2	3.2
78-Kpj Health Berhad	http://kpjhealth.com.my/	115.28	4.16
79-Bb healthcare Group	http://bphealthcare.com/	21.64	2.4
80-Pantai Hospitals	http://pantai.com.my/Home.aspx	12.8	3.2
81-nutri web	http://nutriweb.org.my/	45.32	4.16
82-Malaysia Medical Association	http://www.mma.org.my/	15.48	1.6
83- Malaysian psychiatric	http://psychiatry-malaysia.org/	52.8	4.8

Association			
84- Association of private hospitals in Malaysia	http://hospitals-malaysia.org/portal/index.asp	78.88	12
85-Clinical Research Center	http://www.crc.gov.my/	17.6	0.8
86-Yayasan Jantung Malaysia	http://yjm.org.my/	68.6	4
87-malaysia oncological Society	http://malaysiaoncology.org/	106.12	8.8
88- befrienders	http://befrienders.org.my/about.html	14.96	1.6
89-Malasyian Society Of Allergy and Immunology	http://allergymysai.org/	55.96	4.8
90-Tropicana Medical Center	http://tmcfertility.com/	21.96	2.56
91-Malasyian Medical Resources	http://new.medicine.com.my/	1.4	1.6
92- Malaysian Association for Blind	http://www.mab.org.my/	11.88	2.4
93-Dental Specialist Center KL	http://dentalpro.org/	13.12	5.92
94-Optimax eye specialist	http://www.optimax2u.com/	22.4	7.2
95-My mom Best	http://www.mymomsbest.com/	3.2	1.6
96-IHM Group	http://www.ihm.com.my/IHMNewWeb/index.html	8	1.6
97-Air Asia	http://www.airasia.com/my/en/home.page?cid=1	26.92	12.32
98-Klia Ekspres	https://www.kliaekspres.com/	12	4.8
99-Aero Line	https://www.aeroline.com.my/	142.76	4
100-Mara Liner	http://maraliner.com.my/Main/Main.asp?pagelD=002	14.8	4.8
101-Plus	http://plus.com.my/	0	0
102-Klia Airport	http://www.klia.com.my/index.php?m=airport	27.44	3.36
103-Berjaya Air	http://www.berjaya-air.com/	4.8	0
104-Avis	http://avis.com.my/	13.16	0.8
105-Senai Airport	http://senaiairport.com/	13.64	1.6
106-sky park	http://www.subangskypark.com/	7.2	3.36
107-Sabah Air Aviation	http://sabahair.com.my/	21.28	1.6
108-ACW	http://www.azworldairports.com/cfm/homepage.c	47.2	1.6

	fm		
109- Weather Underground	http://www.wunderground.com/	44.16	5.92
110-Mosti	http://www.met.gov.my/index.php?option=com_content&task=view&id=741&Itemid=949	0	0
111-BBC	http://www.bbc.com/weather/	2.64	0
112-Tourism	http://tourism.gov.my/en/my	12	0.96
113-Star Cruises	http://www.starcruises.com/en/home.aspx	259.12	21.6
114-Journey Malaysia	http://journeymalaysia.com/	18.56	4
115-Lonely Planet	http://www.lonelyplanet.com/	73.84	13.76
116-Marimari	http://www.marimari.com/	14.36	7.36
117-Virtual Malaysia	http://www.virtualmalaysia.com/	108.36	0.8
118-Ping Anchorage	http://pinganchorage.com.my/	69.2	2.4
119-Malaysian Association of Tour and Travel Agents	http://matta.org.my/	16.76	4.16
120-Mayflower	http://mayflower.com.my/	294.12	16.96
121-Concorde hotels and resorts	http://concordehotelsresorts.com/	31.84	4
122- waterfalls of malaysia	http://waterfallsofmalaysia.com/d.php	13.32	4.8
123- MM Adventure Travel and Discovery Sdn Bhd	http://mmadventure.com/	70.32	3.2
124- borneo adventure	http://borneoadventure.com/	35.16	6.4
125- holiday tours	http://www.holidaytours.com.my/	10.32	2.72
126- world travel guide	http://www.worldtravelguide.net/	95.52	28
127- Rangkaian Hotel Seri Malaysia Sdn Bhd	http://serimalaysia.com.my/	4	1.6
128- Malaysia hotels	http://malaysiahotels.cc/	29.76	7.2
129- sgi vacation club	http://www.sgivacationclub.com/v3member/default.php	50.08	4.16
130- Malaysia Associations of Hotels	http://hotels.org.my/	31.28	2.4
131-e-borneo	http://e-borneo.com/	9.48	2.4
132- discovery overland holidays	http://discoveryoverland.com/	12.8	2.4

133-dive the world	http://www.divetheworldmalaysia.com/	8.44	1.6
134-riders lodge	http://riderslodge.com.my/	3.96	2.4
135- tourism malaysia	http://tourismmalaysia.gov.my/en/my	12	0.96
136-sunway group	http://www.sunway.com.my/group/	27.2	4.8
137-hotel reservation	http://hotelreservation.com.my/	872	20.8
138- micasa hotel	http://www.micasahotel.com/	3.36	3.2
139-word travels	http://www.wordtravels.com/	4.32	1.92
140-Resorts World Gentin	http://www.rwgenting.com/	9.12	1.6
141-itisnet	http://itisnet.com/	6.4	2.4
142- world twitch	http://www.worldtwitch.com/	18.88	1.6
143-regit	http://regit.com/	3.2	3.2
144-Mtdc	http://mtdc.com.my/	180.44	4.8
145-Malaysian Nature Society	http://mns.my/	126.24	4.8
146-PDM	http://dermatology.org.my/	4.92	1.6
147-Freeservers	http://www.freeservers.com/	5.68	1.6
148-Geographia	http://geographia.com/	24.84	6.4
149-Impression	http://impressions.com.my/	129.84	2.4
150- Malaysia Toray Science Foundation	http://mtsf.org/	4.8	3.2
151-Sports Toto Malaysia	http://sportstoto.com.my/	224	2.4
152-Magnum 4D	http://magnum4d.com.my/	10.4	1.6
153-Berjaya clubs	http://www.berjayaclubs.com/main/	0.32	0
154-Football Association Of Malaysia	http://fam.org.my/	17.56	0.8
155-extreme park	http://www.extremepark.com.my/home/index.html	33.72	1.6
156-damacai	http://www.damacai.com.my/	230.12	34.56
157-Judo	http://judo.com.my/	10.88	2.4
158-KOI	http://koi.com.my/	144.36	3.2
159-Skydive	http://skydivemalaysia.tripod.com/	10.08	4.8
160-Malaysia Aikido Association	http://aikido-maa.com/home/index.php	2.4	1.6
161- jungle people	http://djunglepeople.com/index.html	5.6	1.6
162- Akademi Aikido Jyuku	http://aikikaimy.com/	4	1.6

163-My Kart	http://my-kart.org/	1.76	1.6
164- forecast sports toto	http://forecast-sports-toto.com/	2.6	1.6
165-pace setters athletic club	http://pacesettersmalaysia.blogspot.com/	26.56	1.6
166- nomad adventure	http://nomadadventure.com/	15.68	3.2
167-Cari	http://cari.com.my/	18.72	3.2
168- Yellowpages	http://www.yellowpages.com.my/	26.72	8
169-home.net	http://www.home.net.my/	281.2	2.4
170-mycen	http://www.mycen.com.my/	23.24	6.4
171- Malaysia directory	http://malaysiadirectory.com/	56.88	8.8
172- M-sia cyber shop	http://m-sia.com/	0	0
173- hoolala	http://hoolala.com/	19.48	3.2
174- Beboulder	http://www.colorado.edu/	26.52	0.8
175-Study Malaysia	http://studymalaysia.com/	1.6	1.6
176-The star online	http://www.thestar.com.my/	20.16	5.76
177-Tuition Plaza	http://tuitionplaza.com/	226.56	11.2
178-Els	http://www.els.edu.my/	17.04	3.36
179- Malaysia scholarship	http://malaysia-scholarship.net/	43.28	2.4
180- ucsi education group	http://ucsi.edu.my/	4.8	2.4
181- feng shui	http://1fengshui.com/	33.88	3.2
182- smjk education portal	http://smjk.edu.my/idx.php	55.8	5.76
183- International house Malaysia	http://ih-malaysia.com	9.6	2.4
184- lafonis Educational Supplies	http://lafonis.com.my/	15.2	0.96
185-British council Malaysia	http://www.britishcouncil.my/	6.96	0.8
186-Doctor Job	http://doctorjob.com.my/online/index.aspx	23.44	2.4
187-MACEE	http://www.macee.org.my/	18.52	0.8
188- malaysiakini	http://www.malaysiakini.com/	118.4	2.72
189-Bernama	http://www.bernama.com/bernama/v7/index.php	10.52	4.8
190-New Straits Times Online	http://www.nst.com.my/	21.68	0.96
191-Malaysia Today	http://www.malaysia-today.net/	10.68	0.8
192-Astro	http://www.astro.com.my/	12	1.92

193-Borneo post online	http://www.theborneopost.com/	18.04	3.52
194-Hitz	http://hitz.fm/	650.88	5.44
195-TV3	http://www.tv3.com.my/	21.6	0.8
196-ntv7	http://www.ntv7.com.my/	40.96	0.96
197-THRfm	http://thr.fm/	0.8	0
198-Flyfm	http://www.flyfm.com.my/	21.48	10.56
199-Mixfm	http://mix.fm/	575	5.44
200- litefm	http://litefm.com.my/	393.76	5.44
201- Malaysia today	http://malaysiatoday.com/	26.56	7.2
202-emedial	http://emedial.com.my/	30.56	8.16
203-8tv	http://www.8tv.com.my/	154.68	13.28
204- headline spot	http://headlinespot.com/	17.84	2.4
205-Topix	http://www.topix.com/	0	0
206-her world	http://www.herworld.com.my/	54.4	4
207-Fine tv	http://finetv.com.my/	6	0.96
208- Malaysia news	http://www.malaysianews.net/	0	0
209- hongkiat	http://www.hongkiat.com/blog/	119.12	5.76
210-paultan	http://paultan.org/	0	0
211-Raymond	https://www.raymond.cc/blog/	8.48	2.56
212-Money online	https://www.mol.com/	32.76	11.36
213-wofs	http://wofs.com/	253.04	12
214- limkitsiang	http://limkitsiang.com/	14.72	4
215- liewcf	http://www.liewcf.com/	0	0
216- sixthseal	http://sixthseal.com/	0.96	0.96
217-usj	http://usj.com.my/	22.4	2.4
218- virtual friends	http://virtualfriends.net/	251.16	12
219- Democratic Action Party	http://dapmalaysia.org/	194.24	4
220-Malaysian Chinese Association	http://www.mca.org.my/cn/	16.16	8
221- bytebot	http://bytebot.net/	1.84	1.6
222- pikom	http://pikom.org.my/cms/	20.08	3.2
223-Aliran	http://aliran.com/	20.28	7.2
224- International Institute of Islamic Thought	http://iift.org/	30.8	2.4
225-hcfoo Tennis Blog	http://www.hcfoo.com/	57.44	2.4
226-National House buyers Association	http://hba.org.my/	61.96	6.4
227- a whiff of	http://www.awhiffoflemongrass.com/	38.68	3.52

lemongrass			
228-Salam	http://salam.org.my/	18.12	1.6
229-Mercy	http://mercy.org.my/	37.28	1.6
230-Belia	http://belia.org.my/wp/	1446.56	5.76
231-Absolutly Fuzzy	http://www.absolutely-fuzzy.com/	16.8	2.4
232-Technopreneurs Association of Malaysia	http://www.team.net.my/	14.4	4.16
233- The Malaysian Institute of Certified Public Accountants	http://www.micpa.com.my/	28.96	1.76
234-transparency International Malaysia	http://transparency.org.my/	15.6	4.8
235-I'm Knight	http://imknight.net/	6.4	0.8
236- dish with vivien	http://www.dishwithvivien.com/	3.2	1.6
237-mingwrecks	http://www.mingwrecks.com/	24.96	4.8
238-Woman's Aid Organization	http://wao.org.my/	18.96	7.2
239-Sisters in Islam	http://sistersinislam.org.my/	28.56	1.6
240-unic	http://unic.net.my/	1.92	0.8
241-Parti Gerakan Rakyat Malaysia	http://www.gerakan.org.my/	7.6	2.4
242-Awam	http://www.awam.org.my/	210.52	2.08
243- juliansi	http://juliansi.blogspot.com/	44.24	5.6
244- m3nghua	http://www.m3nghua.com/	2.56	0.96
245-National Association of women Entrepreneurs of Malaysia	http://nawem.org.my/	50.56	1.76
246-Malaysian Association of Hong Kong Sar	http://www.msiahk.com/	1.6	1.6
247-Clara net	http://www.claranet.com/	3.48	0
248-Human Rights Watch	http://www.hrw.org/	0	0
249-Sabah.net	http://sabah.net.my/	9.92	3.2
250- wahlau	http://www.wahlau.net/	2.88	0
251-MOE	http://moe.gov.my/	0.6	0.16
252-POS	http://www.pos.com.my/pos/homepage.aspx	45.6	7.2
253-SPA	http://www.spa.gov.my/Portal/	0	0
254-BNM	http://www.bnm.gov.my/	8.6	1.6

(Bank Negara Malaysia)			
255-RTM (Radio Television Malaysia)	http://www.rtm.gov.my/	11.72	2.4
256-MOH	http://moh.gov.my/	22	1.6
256-JPA	http://www.jpa.gov.my/index.php?lang=ms	1.6	1.6
257-SSM	http://www.ssm.com.my/	7.92	2.4
258-Treasury	http://www.treasury.gov.my/index.php?lang=ms	42.44	7.2
259-KLN (Ministry of Foreign Affairs)	http://www.kln.gov.my/web/guest/home	19.52	4
260-JPJ	http://jpj.gov.my/	441.12	2.4
261-Malaysia.gov	https://www.malaysia.gov.my/	5.6	0.8
262-Skmm	http://skmm.gov.my/	38.12	2.88
263-Statistics	http://www.statistics.gov.my/main/main.php	0.8	0.8
264-mida	http://mida.gov.my/	6.62	4
265-PMO	http://www.pmo.gov.my/	0	0
267-Security Commission Malaysia	http://www.sc.com.my/	65.16	4.32
268-AGC	http://www.agc.gov.my/	5.6	0
269-Ministry of Natural Resources & Environment	http://www.doe.gov.my/portalv1/en/	3.8	0.96
270-kpkt	http://www.kpkt.gov.my/kpkt_2013/	1.68	0
271-myipo	http://www.myipo.gov.my/	0.8	0
272-epu	http://epu.gov.my/web/guest/home	1.08	0.8
273-parlimen	http://www.parlimen.gov.my/	2.2	0.8
274-MOA	http://www.moa.gov.my/	5.04	0
275-KBS	http://www.kbs.gov.my/index.php/my/	43.28	8
276-miti	http://www.miti.gov.my/cms/index.jsp	0.68	0
277- Embassy of US	http://www.usembassy.gov/	0.16	0.16
278-intan	http://www.intanbk.intan.my/i-portal/ms.html	152.44	8.16
279-bpfk	http://portal.bpfk.gov.my/index.cfm	72.88	4
280-mohr	http://www.mohr.gov.my/index.php/en/	3.36	1.76
281-kkr	http://www.kkr.gov.my/ms	11.6	0
282-jtm	http://www.jtm.gov.my/ver25/index.php/ms/	10.16	1.28
283- jupem	https://www.jupem.gov.my/index.php?action=main	96.32	18.4
284-frim	http://www.frim.gov.my/	40.52	33.12
285-dosh	http://www.dosh.gov.my/index.php?lang=en	8.36	0.8
286-prison	http://www.prison.gov.my/portal/page/portal/hijau#utama	0	0
287-High Commission of India	http://www.indianhighcommission.com.my/	3.2	1.6
288-MOD	http://www.mod.gov.my/	0	0

289-Hasil	http://www.hasil.gov.my/	21.76	7.2
290- arkib	http://www.arkib.gov.my/en/web/guest/home	16.12	0.8
291-pharmacy	http://www.pharmacy.gov.my/v2/ms	6.24	2.4
292-Ebassy of the Philippines	http://www.philembassykl.org.my/main/index.php	5	1.76
293-sprm	http://www.sprm.gov.my/	20.84	0.8
294-MP	http://www.mp.gov.my/index.php/en/	0	0
295- kpwkm	http://www.kpwkm.gov.my/	28.48	0.8
296- Embassy of Japan in Malaysia	http://www.my.emb-japan.go.jp/	2.32	0
297-Standard Malaysia	http://www.standardsmalaysia.gov.my/	58.72	3.2
298-water	http://www.water.gov.my/	53.4	0
299-Pkink	http://pkink.gov.my.w3snoop.com/	30.6	5.76
300-Ministry of Science, Technology and Innovation	http://www.mosti.gov.my/	0	0
301-doa	http://doa.gov.my/web/guest	0	0
302-motour	http://motour.gov.my/en/	4.16	1.6
303-dca	http://www.dca.gov.my/mainpage.html	17.32	5.6
304-wildlife	http://wildlife.gov.my/index.php?lang=en	0	0
305-High Commission of Canada to Malaysia in Kuala Lumpur	http://www.canadainternational.gc.ca/malaysia-malaisie/offices-bureaux/kuala_lumpur.aspx?lang=eng	0	0
306-Embassy of France in Malaysia	http://www.ambafrance-my.org/	4.04	0.8
307-nre	http://www.nre.gov.my/ms-my/pages/default.aspx	2.48	0.32
308-kppk	http://kppk.gov.my/	19.16	6.72
309-kimia	http://www.kimia.gov.my/	225.16	3.2
310-Embassy of Nepal	http://www.nepalembassy.com.np/en/	54.2	21.76
311- forestry	http://www.forestry.gov.my/index.php/my/	0	0
312-Embassy of Belgium	http://diplomatie.belgium.be/malaysia/	1.6	1.6
313-Marine	http://www.marine.gov.my/jlm/	1088.2	12
314-Embassy of Syria	http://www.syrianembassy.com.my/	2.4	1.6
315-Embassy of Algeria	http://algerianembassy.org.my/	77.52	1.6
316-The Embassy of Russia	http://www.malaysia.mid.ru/	0	0
317-The Embassy of Kazakhstan	http://www.kazembassy.org.my/	35.2	0
318-Permanent Mission of	http://www.un.int/malaysia/	15.08	4.16

Malaysia to the United Nations			
319-New Zealand High Commission Kuala Lumpur	http://www.nzembassy.com/malaysia	5.6	1.6
320-the Norwegian Embassy	http://www.norway.org.my/	7.28	1.6
321-Delegation of the European Union to Malaysia	http://www.eeas.europa.eu/delegations/malaysia/index_en.htm	0	0
322-German Embassy	http://www.kuala-lumpur.diplo.de/	0.8	0.8
323-CIA	https://www.cia.gov/library/publications/world-leaders-1/MY.html	64.8	7.2
324-UK and Malaysia	https://www.gov.uk/government/world/malaysia	3.2	2.4
325-Embassy of Mexico	http://embamex.sre.gob.mx/malasia/	5.72	0.8
326-Foreign Embassies and Consulates in Malaysia	http://embassy.goabroad.com/embassies-in/malaysia	10.4	2.56
327-Embassy of China	http://my.china-embassy.org/eng/	39.32	4.8
328-Embassy of Sweden	http://www.swedenabroad.com/en-GB/Embassies/Kuala-Lumpur/	11.84	2.56
329-The Embassy of the Czech Republic	http://www.mzv.cz/kualalumpur	4.28	0
330-Ministry of Foreign Affairs (Singapore)	http://www.mfa.gov.sg/content/mfa/index.html	31.4	3.2
331-Ministry of Foreign Affairs of Denmark	http://malaysia.um.dk/	11.52	0.8
332-Embassy of Nederland	http://maleisie.nlambassade.org/	3.2	0
333-Bangladesh High Commission	http://www.bangladesh-highcombd.com/	81.96	8
334-Embassy of Brazil	http://www.brazilembassy.org.my/	4	3.2
335-Embassy of Finland	http://www.finland.org.my/Public/Default.aspx	3.36	0.96
336-SOF	http://members.tripod.com/~gerak_khas/frameset.html	4	3.2
336-Angfire	http://www.angelfire.com/ok2/psstldm/	11.32	4.8
337-Embassy of Malaysia in	http://www.malaysia.or.kr/	8.96	2.72

Seoul			
338-Embassy of Jordan	http://www.jordanembassy.org.my/	16.64	3.2
339-Embassy of Libya	http://libyanembassy.com/	6	1.6
340-Embassy of Iran	http://iranembassy.com.my/en/	8	1.6
341-Embassy of Sudan	http://www.sudanembassy-kl.org.my/v/	32.68	5.6
342-mudah	http://www.mudah.my/	29.8	2.4
343-lowyat	http://www.lowyat.net/	20.84	5.6
344-iproperty	http://www.iproperty.com.my/	73.36	19.2
345-maxis	http://www.maxis.com.my/en/personal/whats-new.html	48.64	9.76
346-mobile88	http://www.mobile88.com/index.asp	412.56	7.2
347-Bursa Malaysia	http://www.bursamalaysia.com/market/	2.4	2.4
348-celcom	http://www.celcom.com.my/personal	13.92	4.32
349-Big sale	http://www.bigsale.com.my/	39.16	2.56
350-kwsp	http://www.kwsp.gov.my/portal/ms/web/kwsp/home	8	0.8
351-myg	https://www.myeg.com.my/	4.08	0
352-Tnb	http://tnb.com.my/	12.56	2.4
353- perodua	http://www.perodua.com.my/	93.28	8.8
354-Dominos	http://dominos.com.my/	57.6	19.2
355- rhbinvest	http://rhbinvest.com/	2.4	2.4
356- senheng	http://www.senheng.com.my/	73.12	16.8
357- motortrader	http://www.motortrader.com.my/index.html	165.92	8.8
358- infotoday	http://infotoday.com.my/	78.92	16
359-Sony	http://www.sony.com.my/section/home?referer=https%3A%2F%2Fwww.google.com.my%2F	0	0
360-Jenjobs	http://www.jenjobs.com/	23.08	8
361-Parkson	http://www.parkson.com.my/	0	0
362- offer station	http://www.offerstation.com/	51.64	2.4
363-Toyota	http://www.toyota.com.my/	42.4	12
364-KFC	http://kfc.com.my/	9.68	1.6
365- malaysianbar	http://www.malaysianbar.org.my/	169.76	12
366- bonuslink	http://bonuslink.com.my/EN/Home.aspx	111.84	4
367-AIA	http://aia.com.my/en/	171.76	21.76
368- matrade	http://www.matrade.gov.my/	0	0
369- citylinkexpress	http://www.citylinkexpress.com/	7.4	1.6
370-Time	http://time.com.my/	479.6	5.6
371-Adpost	http://www.adpost.com/	0.4	0
372-Excard	http://www.excard.com.my/home-visitor	84.84	5.6
373- mobilemegamal	http://mobilemegamall.com/	21.52	2.4
374-alianz	https://www.allianz.com.my/web/	1.6	1.6
375-	http://www.ticketcharge.com.my/en/	29.76	0.8

ticketcharge			
376-ippeh	http://lpeh.gov.my/	99.32	13.6
377-Mymesra	http://mymesra.com.my/	21.6	8
378-Nissan	http://www.nissan.com.my/	8.8	2.4
379-Fedex	http://www.fedex.com/	2.4	1.6
380-Guardian	https://www.guardian.com.my/	44.96	2.56
381-Mah Sing Group	http://mahsing.com.my/	23.68	7.2
382-Nestle	http://nestle.com.my/	11.76	2.72
383-Cosmopoint	http://cosmopoint.com.my/	36.84	8
384-Courst	http://www.courts.com.my/	14.08	4.8
385-Nipponpain	http://nipponpaint.com.my/	0	0
386-Philips	http://www.philips.com.my/	9.92	1.6
387-Audi	http://www.audi.com.my/sea/brand/my.html	0.8	0.8
388-Lawyerment	http://www.lawyerment.com/	6.4	3.2
389-Auctions	http://auctions.com.my/	1157.12	7.2
390-Pizzahut	http://pizzahut.com.my/	4	1.6
391-nazakia	http://www.nazakia.com.my/	39.68	1.6
392-mphoneline	http://www.mphoneline.com/welcome/welcome.aspx	521.72	10.4
393-AXA	http://axa.com.my/	0.36	0
394-Mdec	http://www.mdec.my/	10.4	0
395-Hyundai	http://www.hyundai.com.my/	5.6	4
396-sage	http://www.sage.my/	7	0.8
397-Secret Recipe	http://www.secretrecipe.com.my/		
398-optima	http://www.optima.com.my/	93.76	4.8
399-secure parking	http://www.secureparking.com.my/	32.04	7.2
400-ciroen	http://www.citroen.com.my/	11.48	1.6
401-sharp	http://sharp.com.my/docs/index.html	4.44	0.8
402-7eleven	http://7eleven.com.my/	1.76	0.16
403-myflowerflorist	http://myflowerflorist.com/	4	1.6
404-chip	http://www.chip.com.my/	125.32	2.4
405-mysmartgold	http://mysmartgold.com.my/	6.48	1.6
406-pohkong	http://pohkong.com.my/?ch=plk_eng	213.76	3.2
407-fitness concept	http://fitnessconcept.com.my/	419.2	4
408-bankinginfo	http://bankinginfo.com.my/	35.56	10.56
409-lbs	http://lbs.com.my/Sitefinity/WebsiteTemplates/LBS/App_Themes/LBS/splash.html	99.2	1.6
410-Miea	http://miea.com.my/site/index.php?cat=23	1.6	1.6
411-Tarbush	http://tarbush.com.my/	6.92	2.4
412-Oldtown	http://oldtown.com.my/	1.6	1.6
413-honda	http://www.honda.net.my/	65	1.28
		24.92	4

414-midf	http://midf.com.my/	1.96	1.6
415- tcetackles	http://tcetackles.com.my/	24.16	1.6
416- insurance	http://insurance.com.my/	42.24	0
417- marrybrown	http://marrybrown.com.my/	32.4	1.6
418- computer world	http://computerworld.com.my/	8.8	0
419- glomac	http://glomac.com.my/	13.44	3.2
420- mynic	http://www.mynic.my/en/index.php	177.68	5.6
421- kimrealty	http://www.kimrealty.com.my/	37.6	2.4
422- ybgroup	http://ybgroup.com.my/	4.92	1.6
423-FN	http://fn.com.my/	1.92	0.8
424- gas malaysia	http://gasmalaysia.com/	62.04	2.4
425-AAM	http://www.aam.org.my/aamweb/	87.28	9.6
426- lam	http://www.lam.gov.my/	8.76	2.4
427- baskinrobbins	http://baskinrobbins.com.my/	76.8	13.6
428- solutions	http://solutions.3m.com.hk/wps/portal/3M/zh_HK/World/Wide/?WT.mc_id=www.3M.com.hk	65.76	4.16
429- silicon	http://www.silicon.com.my/	5.76	2.4
430- manulife	http://www.manulife.com.my/Pages/default.aspx	13.28	1.6
431- dmms	http://dmms.com.my/	1.92	1.6
432- cmy	http://cmy.com.my/	107.2	1.6
433- asiapacific	http://asiapacific.com.my/	9.92	0
434- hartalega	http://www.hartalega.com.my/	0.8	0.8
435- piam	http://piam.org.my/	6.4	0
436-Kass	http://www.kass.com.my/	15.08	5.6
437- bambooflorist	http://bambooflorist.com.my/	14.8	3.2
438- coffeebean	http://www.coffeebean.com.my/	132	2.4
439- amoffice	http://amoffice.com.my/	2.4	1.6
440- tasco	http://tasco.com.my/	35.16	1.6
441-kccpain	http://kccpaint.com.my/	3.2	1.6
442-Hong leong Industries	http://hli.com.my/	12.64	1.6
443-pam	http://pam.org.my/	59.28	7.2
444- cagamas	http://www.cagamas.com.my/	0	0
445- nelsons	http://nelsons.com.my/	6.4	1.6
446-scicom-intl	http://scicom-intl.com/	47.68	2.4
447-fella	http://www.fella.com.my/	1.6	1.6
448- alamflora	http://alamflora.com.my/	0	0
449-lerun	http://lerun.com.my/	34.4	34.4
450-Fridays	http://www.fridays.com.my/	4.96	0.96
451-kedah	http://portal.kedah.gov.my/	6.64	0.48
452-johor hotels	http://johorhotels.com/	14.72	2.4
453-D coconut island resort	http://dcoconut.com/	8.04	1.6
454-	http://badanbookstore.com/	290.2	10.4

badanbookstore			
455-jbguesthouse	http://www.jbguesthouse.com/	15.88	3.2
456-Johore bar committee	http://johorebar.org.my/	4.08	0.16
457-xantec	http://xantec.com.my/	20.96	4
458-Tophills reality	http://tophills.com.my/	21.92	4.16
459-mpib	http://mpib.gov.my/	1.52	0.8
460-marimari kelantan	http://www.marimari.com/hotel/malaysia/kelantan.html	28	2.4
461-kelantan.gov	http://kelantan.gov.my/	1.6	1.6
462 malaysia-maps kelantan	http://www.malaysia-maps.com/kelantan.htm	301.08	13.6
463-maybank2u	http://www.maybank2u.com.my/	2.4	2.4
464- uob	http://www1.uob.com.my/personal/index.html	206.8	2.4
465- citibank	http://www.citibank.com.my/index.htm	3.68	0
466-mtc	http://mtc.com.my/	22.24	2.4
467- dbkl	http://www.dbkl.gov.my/index.php?lang=ms	0	0
468- affinbank	http://www.affinbank.com.my/	85.26	1.6
469-hkl	http://www.hkl.gov.my/	2.96	1.6
470- concorde hotels resorts	http://kualalumpur.concordehotelsresorts.com/	31.84	4
471-gitn	http://www.gitn.com.my/	2.76	2.56
472-tmtours	http://tmtours.com.my/v1/	20.16	4.16
473-sedunia	http://www.sedunia.com.my/	28.16	0.16
474-aiflorist	http://aiflorist.com/	75	5.6
475-malaxi	http://malaxi.com/	2.4	0.8
476-suria klcc	http://www.suriaklcc.com.my/index.htm	1.92	1.6
477-neowave	http://neowave.com.my/	10.88	2.56
478-mayland	http://mayland.com.my/	1.6	0
479-aims	http://www.aims.com.my/	13.24	0.8
480-art gallery	http://www.artgallery.gov.my/	143.24	2.4
481-istanabudaya	http://istanabudaya.gov.my/	0.52	0
482- cfc corporate gift	http://www.cfcorporategift.com.my/	56.68	2.56
483-winsin	http://winsin.com.my/shop/index.php	33.6	2.4
484-wms	http://wms.hwajing.com.my/	13.84	4.16
485-marc	http://www.marc.com.my/home/index.php	12.32	5.6
486-tungshin	http://www.tungshin.com.my/	138.44	8
487-mantissa	http://mantissa.edu.my/	10.52	3.84
488- kl-lifestyle	http://kl-lifestyle.com.my/	2.4	2.4
489- labuanre	http://www.labuanre.com.my/	9.04	2.4
490-melaka	http://www.melaka.gov.my/my	5.64	0.8
491- yayasan melaka	http://www.yayasanmelaka.gov.my/index.php	25.76	4
492- Pahang tourism	http://pahangtourism.com.my/	9.6	2.88

493-perak	http://www.perak.gov.my/	27.96	9.76
494-ipoh	http://ipoh.com.my/	502.4	7.2
495-perlis	http://www.perlis.gov.my/index.php/en/	40	4.8
496-penang	http://www.penang.gov.my/	0.68	0
497- penang port	http://penangport.gov.my/	62.68	6.4
498-pjh	http://www.pjh.com.my/	8.8	4
499-sabah	http://sabah.gov.my/main/	5.68	1.92
500-selangor	http://www.selangor.gov.my/	7.04	0

B- URLs of Global homepages used in the experiment 4 (Dataset B)

Website Name	URL
1-google	https://www.google.com/?gws_rd=ssl
2-facebook	https://www.facebook.com/?_rdr=p
3-youtube	https://www.youtube.com
4-baidu	http://www.baidu.com
5-yahoo	https://sg.yahoo.com/?p=us
6-amazon	https://www.amazon.com/gp/gw/ajax/s.html
7-wikipedia	https://www.wikipedia.org
8-QQ	http://www.qq.com
9-twitter	https://twitter.com
10-google.co	https://www.google.co.in/?gws_rd=ssl
11-taobao	http://world.taobao.com
12-live	https://login.live.com/login.srf?wa=wsignin1.0&rpsnv=12&ct=1444813921&rver=6.4.6456.0&wp=MB1_SSL_SHARED&wreply=https:%2F%2Fmail.live.com%2Fdefault.aspx%3Ffru%3Dinbox&lc=1033&id=64855&mkt=en-us&cbctx=mai
13-sina	http://www.sina.com.cn
14-linkedin	https://www.linkedin.com
15-yahoo.co	http://www.yahoo.co.jp

16-weibo	http://my.weibo.com
17-ebay	http://www.ebay.com
18-google.co.jp	https://www.google.co.jp/?gws_rd=ssl
19-yandex	http://www.yandex.ru
20-hao 123	http://www.hao123.com
21-vk	http://vk.com
22-bing	http://www.bing.com
23-google.de	https://www.google.de/?gws_rd=ssl
24-t.co	http://t.co
25-instagram	https://instagram.com
26-msn	http://www.msn.com/en-my/
27-amazon.co	http://www.amazon.co.jp
28-google.co.uk	https://www.google.co.uk/?gws_rd=ssl
29-alexa	http://www.alexa.com/siteinfo/aliexpress.com
30-pinterest	https://www.pinterest.com
31-ask	http://www.ask.com
32-google account	https://accounts.google.com/ServiceLogin?service=blogger&hl=en_GB&passive=1209600&continue=https://www.blogger.com/home
33-apple	http://www.apple.com
34-wordpress	https://wordpress.com
35-reddit	https://www.reddit.com
36-google.fr	https://www.google.fr/?gws_rd=ssl
37-paypal	https://www.paypal.com/cy/webapps/mpp/home
38-onclicks	http://www.onclickads.net
39-google.br	https://www.google.com.br/?gws_rd=ssl
40-mail	https://mail.ru

41-tumblr	https://www.tumblr.com
42-sohu	http://www.sohu.com
43-microsoft	http://www.microsoft.com/en-my/
44-imgur	http://imgur.com
45-google.ru	https://www.google.ru/?gws_rd=ssl
46-xvideos	http://xvideos.com
47-imdb	http://www.imdb.com
48-google.it	https://www.google.it/?gws_rd=ssl
49-google.es	https://www.google.es/?gws_rd=ssl
50-gmw	http://gmw.cn
51-netflix	https://www.netflix.com/my/
52-fc2	http://fc2.com
53-amazon.de	http://www.amazon.de
54-360	http://360.cn
55-alibaba	http://www.alibaba.com
56-go	http://go.com
57-stack overflow	http://stackoverflow.com
58-google.mx	https://www.google.com.mx/?gws_rd=ssl
59-google.ca	https://www.google.ca/?gws_rd=ssl
60-ok	http://ok.ru
61-google.hk	https://www.google.com.hk/?gws_rd=ssl
62-malaysia craigslist	http://malaysia.craigslist.org
63-tianya	http://www.tianya.cn
64-amazon.uk	http://www.amazon.co.uk
65-rakuten	http://www.rakuten.co.jp
66-china daily	http://www.chinadaily.com.cn

67-espn	http://espn.go.com
68-sogou	http://www.sogou.com/?rfrom=soso
69-out brain	http://www.outbrain.com
70-nico video	http://www.nicovideo.jp
71-edition	http://edition.cnn.com
72-kat	https://kat.cr
73-diply	http://diply.com
74-flipkart	http://flipkart.com
75-dropbox	http://dropbox.com
76-bbc.uk	http://bbc.co.uk
77-git hub	https://github.com
78-ad cash	http://adcash.com
79-daily motion	http://dailymotion.com
80-pixnet	http://pixnet.net
81-walmart	http://www.walmart.com
82-nytimes	http://nytimes.com
83-bonga cams	https://bongacams.com
84-bank of America	https://www.bankofamerica.com
85-adobe	http://www.adobe.com
86-live door	http://www.livedoor.com
87-163	http://www.163.com
88-wikia	http://www.wikia.com/Wikia
89-chase	https://www.chase.com
90-coccoc	http://coccoc.com
91-dmm	http://www.dmm.co.jp
92-huffington	http://www.huffingtonpost.com

93-alipay	https://www.alipay.com
94-buzzfeed	http://www.buzzfeed.com
95-indiatimes	http://www.indiatimes.com
96-directrev	http://www.directrev.com
97-ameblo	http://ameblo.jp
98-login Microsoft online	https://login.microsoftonline.com
99-slideshare	http://www.slideshare.net
100- the guardian	http://www.theguardian.com/international
101-nih	http://nih.gov
102-webmd	http://www.webmd.com
103-my fitness pal	http://myfitnesspal.com
104-mayo clinic	http://mayoclinic.org
105-drugs	http://www.drugs.com
106-cdc	http://www.cdc.gov
107-medicine net	http://www.medicinenet.com/script/main/hp.asp
108-med scape	http://www.medscape.com
109-health.com	http://www.health.com/health/
110-mercola	http://www.mercola.com
111-psychology	https://www.psychologytoday.com
112-kaiser	https://healthy.kaiserpermanente.org/html/kaiser/index.shtml
113-men health	http://www.menshealth.com
114- men fitness	http://www.mensfitness.com
115-prevention	http://www.prevention.com
116-weight watchers	https://www.weightwatchers.com/us/system-requirements
117-foxnews	http://www.foxnews.com
118-apa	http://apa.org

119-kids health	http://kidshealth.org
120-cancer	http://www.cancer.org
121-total beauty	http://www.totalbeauty.com
122-zoc doc	https://www.zocdoc.com
123-rxlist	http://www.rxlist.com/script/main/hp.asp
124-patient	http://patient.info
125-petmd	http://www.petmd.com
126-student doctor	http://www.studentdoctor.net
127-top 10 home remedies	http://www.top10homeremedies.com
128-makeup alley	http://www.makeupalley.com
129-clevel land clinic	http://my.clevelandclinic.org
130- authority nutrition	http://authoritynutrition.com
131-vitals	http://www.vitals.com
132-bmj	http://www.bmj.com
133-fitness magazine	http://www.fitnessmagazine.com
134-heart	http://www.heart.org/HEARTORG/
135-nejm	http://www.nejm.org
136-share care	https://www.sharecare.com
137-biomed central	http://www.biomedcentral.com
138-aamc	https://www.aamc.org
139-sutter health	http://www.sutterhealth.org
140- hopkins medicine	http://www.hopkinsmedicine.org
141-aafp	http://www.aafp.org/home.html
142-aafp	http://www.fema.gov
143-fema	http://allnurses.com
144-allnurses	http://www.nuance.com/index.htm

145-nuance	http://diabetes.org/?referrer=http://www.alex.com/siteinfo/diabetes.org
146-diabetes	http://www.drweil.com
147-labcorp	https://www.labcorp.com/wps/portal
148-alz	http://alz.org
149-lab test	https://labtestsonline.org
150-planned parenthood	https://www.plannedparenthood.org
151-weebly	http://www.weebly.com
152-thesaurus	http://www.thesaurus.com
153- espnricinfo	http://www.espnricinfo.com/
154-xe	http://www.xe.com
155-time andante	http://www.timeanddate.com
156-battle	http://us.battle.net/en/
157-game faqs	http://www.gamefaqs.com
158-reverso	http://www.reverso.net/text_translation.aspx?lang=EN
159-garena	http://lol.garena.com/playnow/worlds2015/#1
160-xbox	http://www.xbox.com/en-US/
161-uefa	http://www.uefa.com
162-android	http://www.android.com
163-lego	http://www.lego.com/en-us/default.aspx
164-y8	http://www.y8.com
165-site point	http://www.sitepoint.com
166-khan academy	https://www.khanacademy.org
167- how stuff works	http://www.howstuffworks.com
168-code academy	https://www.codecademy.com
169-eas ports	https://www.easports.com
170-css tricks	https://css-tricks.com

171-bungie	https://www.bungie.net
172-espnfcasia	http://www.espnfcasia.com
173-go comics	http://www.gocomics.com
174-pbs kids	http://pbskids.org
175-square enix	http://www.square-enix.com
176-space	http://www.space.com
177-history	http://www.history.com
178-easy bib	http://easybib.com
179-bom	http://www.bom.gov.au
180-palystation	https://asia.playstation.com
181-britannica	http://www.britannica.com
182-font squirrel	http://www.fontsquirrel.com
183-science daily	http://www.sciencedaily.com
184-math is fun	http://www.mathsisfun.com
185-nick	http://www.nick.com
186-bulba garden	http://www.bulbagarden.net
187-biography	http://www.biography.com
188-web.mit	http://web.mit.edu
189-dilbert	http://dilbert.com
190-gilrs go games	http://www.girlsgogames.com
191-nintendo	http://www.nintendo.com
192-synonym	http://synonym.com
193-raspberrypi	https://www.raspberrypi.org
194-blizzard	http://sea.blizzard.com/en-sg/
195-diablo fans	http://www.diablofans.com
196-seventeen	http://www.seventeen.com

197-manutd	http://www.manutd.com/Splash-Page.aspx
198-gaia online	http://www.gaiaonline.com
199-popsi	http://www.popsi.com
200-webopedia	http://www.webopedia.com
201-yelp	http://www.yelp.com/kl
202-groupon	https://www.groupon.com
203-engadget	http://www.engadget.com
204-gsmarena	http://www.gsmarena.com
205-all recipes	http://allrecipes.com
206-instructables	http://www.instructables.com
207-cnbc	http://www.cnbc.com/world/?region=world
208-market watch	http://www.marketwatch.com
209-food	http://www.food.com
210-baby center	http://www.babycenter.com
211-digital trends	http://www.digitaltrends.com
212-ehow	http://www.ehow.com
213-toms hardware	http://www.tomshardware.com
214-coupons	http://www.coupons.com
215-phone arena	http://www.phonearena.com
216-café mom	http://www.cafemom.com
217-bbb	http://www.bbb.org
218-mint	https://www.mint.com
219-fool	http://www.fool.com
220-dpreview	http://www.dpreview.com
221-bank rate	http://www.bankrate.com
222-life hack	http://www.lifehack.org

223-fat wallet	http://www.fatwallet.com
224-the kitchen	http://www.thekitchn.com
225-consumer reports	http://www.consumerreports.org/cro/index.htm
226-real simple	http://www.realsimple.com
227-epi curious	http://www.epicurious.com
228-bgr	http://bgr.com
229-good housekeeping	http://www.goodhousekeeping.com
230-bhg	http://www.bhg.com
231-apartment therapy	http://www.apartmenttherapy.com
232-martha stewart	http://www.marthastewart.com
233-shop at home	http://www.shopathome.com
234-fixya	http://www.fixya.com
235-open dns	https://www.opendns.com
236-bon appetite	http://www.bonappetit.com
237-cook in light	http://www.cookinglight.com
238-betty crocker	http://www.bettycrocker.com
239-mouth shut	http://www.mouthshut.com
240-eating well	http://www.eatingwell.com
241-parents	http://www.parents.com
242-country living	http://www.countryliving.com
243-food and wine	http://www.foodandwine.com
244-garden web	http://www.gardenweb.com
245-jamie oliver	http://www.jamieoliver.com
246-social security	http://socialsecurity.gov
247-this old house	http://www.thisoldhouse.com/toh/
248-southern living	http://www.southernliving.com

249-dsl reports	http://www.dslreports.com
250-nex tag	http://www.nextag.com
251-ancestry	http://www.ancestry.com
252-change	https://www.change.org
253-slate	http://www.slate.com
254-match	http://my.match.com
255-digg	http://digg.com
256-japan post	http://japanpost.jp
257-complex	http://www.complex.com
258-salon	http://www.salon.com
259- sulekha	http://www.sulekha.com
260-correios	http://correios.com.br/para-voce
261-she knows	http://www.sheknows.com
262-slash dot	http://slashdot.org
263-cosmopolitan	http://www.cosmopolitan.com
264-esquire	http://www.esquire.com
265-lds	https://www.lds.org/?lang=eng
266-news max	http://www.newsmax.com
267-hi5	http://www.hi5.com/
268-hollywood life	http://hollywoodlife.com
269-snopes	http://www.snopes.com
270-college board	https://www.collegeboard.org
271-thrillist	https://www.thrillist.com
272-copy scape	http://copyscape.com
273-info wars	http://www.infowars.com
274-find grave	http://findagrave.com

275-va	http://va.gov
276-good search	http://www.goodsearch.com
277-ask men	http://www.askmen.com
278-family search	https://familysearch.org
279-royal mail	http://www.royalmail.com
280-national review	http://www.nationalreview.com
281-just jared	http://www.justjared.com
282-the petition site	http://www.thepetitionsite.com
283-fao	http://www.fao.org/home/en/
284-glamour magazine	http://www.glamourmagazine.co.uk/?international
285-expatriates	http://www.expatriates.com//
286-cenus	http://census.gov
287-town hall	http://townhall.com
288-creative commons	http://creativecommons.org
289-lexisnexis	http://www.lexisnexis.com/en-us/gateway.page
290- the animal rescue site	http://theanimalrescuesite.greatergood.com/clickToGive/ars/home
291-art of manliness	http://www.artofmanliness.com
292-avvo	http://www.avvo.com
293-nolo	http://www.nolo.com
294-alrajhi bank	http://alrajhibank.com.sa/ar/pages/default.aspx
295-christain post	http://www.christianpost.com
296-unesco	http://en.unesco.org
297-astro	http://www.astro.com
298-uncrate	http://uncrate.com
299-horoscope	http://www.horoscope.com/us/index.aspx
300-fragrantica	http://www.fragrantica.com

301-gutenberg	http://www.gutenberg.org
302-kobo books	https://store.kobobooks.com/en-my/
303-calibre	http://calibre-ebook.com
304-book boon	http://bookboon.com
305-many books	http://manybooks.net
306-free book centre	http://freebookcentre.net
307-loyal books	http://www.loyalbooks.com
308-ebooks directory	http://e-booksdirectory.com
309-teleread	http://www.teleread.com
310- pocket book	http://www.pocketbook-int.com/welcome-pocketbook
311-fb reader	https://fbreader.org
312-book gorilla	http://bookgorilla.com
313-obooko	http://www.obooko.com
314-planet ebook	http://planetebook.com
315-free tech books	http://freetechbooks.com
316-book lending	http://booklending.com
317-flip viewer	http://www.flipviewer.com/en/index_en
318-isilo	http://isilo.com
319-ebook maestro	http://ebookmaestro.com
320-bookeen	http://www.bookeen.com/en/
321- megazine3	http://megazine3.de/home.html
322-blog kindle	http://blogkindle.com
323-pubo lab	http://pubolab.com
324-ebook mall	http://www.ebookmall.com
325-ebook writer	http://ebookswriter.com
326-cover factory	http://coverfactory.com

327-ebook pro	http://ebookpro.com
328-ebook compiler	http://ebookcompiler.com
329-icarus reader	http://icarusreader.com
330-open reader	http://openreader.org
331-how to decide	http://www.howtodecide.com
332-metrici	https://www.metrici.com/app/sign_on_form.jsp?redirectFromServer=ebooktakeaway.com
333-space jock	http://spacejock.com
334-ice graphics	http://ice-graphics.com/IndexE.html
335-ebook 88	http://ebook88.com
336-source forge	http://sourceforge.net
337-rudenko	http://rudenko.com
338-Ny times	http://www.nytimes.com
339-softonic	http://www.softonic.com
340jisc	https://jisc.ac.uk
341-digital book world	http://www.digitalbookworld.com
342-book buddi	http://j.bookbuddi.com
343- for you	http://ereaders-foryou.com
344-eanagnosis	http://eanagnosis.com
345-ebooks pilot	http://ebooks-pilot.com
346-free ebook network	http://www.freebooknetwork.com
347-keekboo	http://keekboo.com/en/
348-me book	http://www.mebook.eu/index.php/Welcome
349-natata	http://natata.com
350-new tons library	http://www.newtonslibrary.org
351-pro profs	http://www.proprofs.com

352-gcf learn free	http://www.gcflearnfree.org
353-home and learn-	http://homeandlearn.co.uk
354-tech exams	http://www.techexams.net
355-comptia	https://www.comptia.org
356-isc2	https://www.isc2.org
357-eccouncil	http://www.eccouncil.org
358-discovery vip	http://www.discoveryvip.com
359-brain measures	http://www.brainmeasures.com
360-toolingu	http://www.toolingu.com/default.aspx
361-pmzilla	http://pmzilla.com
362-interfacett	http://www.interfacett.com
363- Netcom learning	http://www.netcomlearning.com
364-transcender	https://www.transcender.com
365-pm study	http://www.pmstudy.com
366-intense school	http://www.intenseschool.com
367- lpi	https://www.lpi.org
368- pass4sure	http://www.pass4sure.com
369-boson	http://www.boson.com/default.aspx?r=1
370-ip expert	https://www.ipexpert.com
371-gcreddy	http://www.gcreddy.com
372-mcp mag	https://mcpmag.com/Home.aspx
373-mc mcse	http://www.memcse.com
374-trios	http://www.trios.com/career/?Section=home
375-pm notes	http://www.pmpnotes.com
376-oreilly school	http://www.oreillyschool.com
377-ciw certified	http://ciwcertified.com

378-guruku online	http://gurukulonline.com
379-computer training schools	http://www.computertrainingschools.com
380-exit certified	http://www.exitcertified.com
381-cert forums	http://www.certforums.com
382-career academy	http://careeracademy.com
383-whiz labs	http://www.whizlabs.com
384-alfa typing	http://www.alfatyping.com
385-tech tutorials	http://www.techtutorials.net
386-petri	https://www.petri.com
387-aduni	http://aduni.org
388-intelligent edu	http://intelligentedu.com
389-quick start	http://www.quickstart.com
390-24x learning	http://www.24x7learning.com
391-linux certified	http://linuxcertified.com
392-it exam vouchers	http://www.itexamvouchers.com
393-internet work training	http://www.internetworktraining.com
394-ledet	https://www.ledet.com
395-passionatepm	https://www.passionatepm.com
396-certgear	http://certgear.com
397-certification kits	https://www.certificationkits.com
398-pm campus	http://www.pmcampus.com
399-acuity training	http://www.acuitytraining.co.uk
400-semsim	http://semsim.com
401-xkcd	http://xkcd.com
402-explosm	http://explosm.net
403-comic book resources	http://www.comicbookresources.com

404-quistonable content	http://questionablecontent.net
405-smbc	http://smbc-comics.com
406-marvel	http://marvel.com
407-penny arcade	http://penny-arcade.com
408-giantip	http://www.giantip.com
409-pvp online	http://pvponline.com
410-universal U click	http://www.universaluclick.com
411-dc comics	http://www.dccomics.com
412-comics alliance	http://comicsalliance.com
413-keenspot	http://keenspot.com
414-sinfest	http://sinfest.net
415-smackjeeves	http://www.smackjeeves.com
416-phd comics	http://phdcomics.com/comics.php
417- schlock mercenary	http://www.schlockmercenary.com
418-vgcats	http://www.vgcats.com
419-viz	http://www.viz.com
420midtown comics	http://www.midtowncomics.com
421-garfield	http://garfield.com
422-comic art fans	http://www.comicartfans.com
423-mis file	http://www.misfile.com
424-dark house	http://www.darkhorse.com
425-image comics	https://imagecomics.com
426-sluggy	http://sluggy.com
427-top web comics	http://topwebcomics.com
428-pbf comics	http://pbfcomics.com
429-channelate	http://www.channelate.com

430-user friendly	http://userfriendly.org
431-fborfw	http://fborfw.com
432-qwantz	http://qwantz.com/index.php
433-wapsi square	http://wapsisquare.com
434-mcm comic on	http://www.mcmcomiccon.com
435-comic con	http://comic-con.org
436-babyblues	http://babyblues.com
437-cagle	http://www.cagle.com
438-chick	http://chick.com
439-samand fuzzy	http://www.samandfuzzy.com
440-diesel sweeties	http://dieselsweeties.com
441-idw publishing	http://www.idwpublishing.com
442-peanuts	http://www.peanuts.com
443-comics continuum	http://comicscontinuum.com
444-diamond comics	http://www.diamondcomics.com/Home/1/13/103
445-wonder mark	http://wondermark.com
446-comics price guide	http://comicspriceguide.com
447- mega Tokyo	http://megatokyo.com
448-foxtrot	http://www.foxtrot.com
449-comics.org	http://www.comics.org
450-ha	http://www.ha.com
451-kroger	https://www.kroger.com/unsupported?callbackUrl=https://www.kroger.com/
452-redbull	http://www.redbull.com/my/en
453-safeway	http://www.safeway.com
454-meijer	http://www.meijer.com
455-king Arthur flour	http://www.kingarthurfLOUR.com

456-surtable	http://www.surlatable.com
457-tradejoes	http://traderjoes.com
458-fredmeyer	https://www.fredmeyer.com/unsupported?callbackUrl=https://www.fredmeyer.com/
459-wegmas	http://www.wegmans.com/webapp/wcs/stores/servlet/HomepageView?storeId=10052&catalogId=10002&langId=-1&clear=true
460-mars	http://www.mars.com/global/index.aspx
461-heb	https://www.heb.com
462-mccormick	http://www.mccormick.com
463-kelloggs	http://www.kelloggs.com/en_US/home.html
464-stop and shop	http://stopandshop.com
465-aldi	http://www.aldi.com
466-hannaford	http://www.hannaford.com
467-food lion	https://www.foodlion.com
468-coca cola	http://www.coca-cola.com/global/glp.html
469-hersheys	http://www.hersheys.com
470-nestle	http://www.nestle.com
471-candy stand	http://www.candystand.com
472-candy warehouse	http://www.candywarehouse.com
473-general mills	http://generalmills.com
474-price chopper	http://www.pricechopper.com
475-giantfood	http://giantfood.com
476-local harvest	http://www.localharvest.org
477-pepsico	http://www.pepsico.com
478-landolakes	http://www.landolakes.com
479-albertsons	http://www.albertsons.com/#2
480-benjerry	http://www.benjerry.com

481-lvmh	http://www.lvmh.com
482-silk	https://silk.com
483-danone	http://www.danone.com
484-carefour	http://carrefour.com
485-sysco	http://sysco.com
486-quakeroats	http://www.quakeroats.com
487- fritolay	http://www.fritolay.com/index.htm
488-sea ex	http://sea-ex.com
489-lindtusa	http://www.lindtusa.com
490-monster energy	https://www.monsterenergy.com
491-frontier coop	http://www.frontiercoop.com
492-supermarket news	http://supermarketnews.com
493-dsm	http://www.dsm.com/corporate/home.html
494-diageo	http://www.diageo.com/en-row/Pages/default.aspx
495-lavazza	http://www.lavazza.com
496-top markets	http://topsmarkets.com
497-just drinks	http://www.just-drinks.com
498-winco foods	http://wincofoods.com
499-beverage factory	http://www.beveragefactory.com
500-femsa	http://www.femsa.com

APPENDIX C

TAW Tool Interface and Reports Layout

A- TAW Tool Interface



B- TAW Report Summary Layout



C- TAW Results in Listing View Layout

Perceivable	Operable	Understandable	Robust			
Information and user interface components must be presentable to users in ways they can perceive.						
Guideline		Level	Result	Fails	Not decided	Not checked
1.1 Text Alternatives				1	53	0
1.1.1 - Non-text Content ?		A	✗	1	53	0
1.2 Time-based Media				0	0	0
1.2.1 - Audio-only and Video-only (Prerecorded) ?		A	na			
1.2.2 - Captions (Prerecorded) ?		A	na			
1.2.3 - Audio Description or Media Alternative (Prerecorded) ?		A	na			
1.2.4 - Captions (Live) ?		AA	na			
1.2.5 - Audio Description (Prerecorded) ?		AA	na			
1.2.6 - Sign Language (Prerecorded) ?		AAA	na			
1.2.7 - Extended Audio Description (Prerecorded) ?		AAA	na			
1.2.8 - Media Alternative (Prerecorded) ?		AAA	na			
1.2.9 - Audio-only (Live) ?		AAA	na			
1.3 Adaptable				1	115	1
1.3.1 - Info and Relationships ?		A	✗	1	100	
1.3.2 - Meaningful Sequence ?		A	?		15	
1.3.3 - Sensory Characteristics ?		A	?			1
1.4 Distinguishable				0	42	
1.4.1 - Use of Color ?		A	?			
1.4.2 - Audio Control ?		A	na			1

APPENDIX D

A-Checker Interface and Reports Layout

A- (A-Checker) Interface Layout

Check Accessibility By:

Web Page URL

HTML File Upload

Paste HTML Markup

Address:

Check It

Options

☐ Enable HTML Validator

☐ Enable CSS Validator

☒ Show Source

Guidelines to Check Against

☐ BITV 1.0 (Level 2)

☐ WCAG 1.0 (Level A)

☐ WCAG 2.0 (Level A)

☐ Section 508

☐ WCAG 1.0 (Level AA)

☐ WCAG 2.0 (Level AA)

☐ Stanca Act

☐ WCAG 1.0 (Level AAA)

☒ WCAG 2.0 (Level AAA)

Report Format

☒ View by Guideline

☐ View by Line Number

B- (A-Checker) Reports Layout

Accessibility Review

Accessibility Review (Guidelines: WCAG 2.0 (Level AAA))

Export format: PDF

Report to Export: All

Get File

Known Problems (15)

Likely Problems (0)

Potential Problems (1000)

HTML Validation

CSS Validation

1.4 Distinguishable: Make it easier for users to see and hear content including separating foreground from background.

Success Criteria 1.4.6 Contrast (Enhanced) (AAA)

Check 306: The contrast between the colour of text and its background is not sufficient to meet WCAG2.0 Level AAA.

Repair: Use a colour contrast evaluator to determine if text and background colours provide a contrast ratio of 7:1 for standard text, or 4.5:1 for larger text. Change colour codes to produce sufficient contrast. <http://www.w3.org/TR/UNDERSTANDING-WCAG20/visual-audio-contrast.html#visual-audio-contrast-resources-head>

Line 139, Column 122:

Portal Rasmi Universiti Sains Islam Malaysia (USIM)

Line 468, Column 97:

iAccess

Line 661, Column 12:

Pusat Komunikasi Strategik (StraComm)

APPENDIX E

Ruby Source Code

```

require 'watir-webdriver'
require "CSV"
require "pry"
require 'json'
require 'cgi'

errors = []
new_test = true

# b = Watir::Browser.new
# b.goto 'http://achecker.ca/checker/index.php'
  CSV.foreach("links.csv") do |row|
    url = CGI::escape(row[0])
    dataUrl =
"http://www.tawdis.net/system/modules/org.fundacionctic.taw4_w
cag_informes_ocms/elements/wcag20/detalle.jsp?url="+url+"&nive
l=aaa"

    binding.pry
    errorsMap = {"111" => 224, "131" => 227}
    err111 = 0
    err131 = 0

    row_errors = []
    b.text_field(:id => 'checkuri').set row[0]
    b.button(:id => 'validate_uri').click
    sleep 50
    binding.pry
    errorsMap.each do |errElement|
      binding.pry
      ar.each do |errTable|
        err111 = err111 + errTable.imgs(:src =>
'http://achecker.ca/images/error.png').length
      end
    end

    err227 = b.table(:id => 'tb_problems_227').imgs(:src =>
'http://achecker.ca/images/error.png').length

    err224 = b.table(:id => 'tb_problems_224').imgs(:src
=> 'http://achecker.ca/images/error.png').length

```



```

err223 = b.table(:id => 'tb_problems_223').imgs(:src
=> 'http://achecker.ca/images/error.png').length
err228 = b.table(:id => 'tb_problems_228').imgs(:src
=> 'http://achecker.ca/images/error.png').length
err213 = b.table(:id => 'tb_problems_213').imgs(:src
=> 'http://achecker.ca/images/error.png').length
err219 = b.table(:id => 'tb_problems_219').imgs(:src
=> 'http://achecker.ca/images/error.png').length
err216 = b.table(:id => 'tb_problems_216').imgs(:src
=> 'http://achecker.ca/images/error.png').length
err290 = b.table(:id => 'tb_problems_290').imgs(:src
=> 'http://achecker.ca/images/error.png').length
err207 = b.table(:id => 'tb_problems_207').imgs(:src
=> 'http://achecker.ca/images/error.png').length
err233 = b.table(:id => 'tb_problems_233').imgs(:src
=> 'http://achecker.ca/images/error.png').length
err220 = b.table(:id => 'tb_problems_220').imgs(:src
=> 'http://achecker.ca/images/error.png').length

```

```

row_errors = [row[0], err111]
errors << row_errors

```

```

end
b.close

```

```

CSV.open("results.csv", "w") do |csv|
  if new_test then
    time = Time.new
    csv << ["=====",
"=====", "=====",
"====="],
    csv << ["TEST DATE = ", time.inspect.to_s]
    csv << ["=====",
"=====", "=====",
"====="],
    csv << ["Webiste", "Error 1.1.1"]
    new_test = false
  end
  errors.each do |error|
    csv << error
  end
end
end
# binding.pry

```