Alpha Testing Plan

The following document contains the detailed alpha testing plan for the responsive websites for the group (Si Thu Zaw, Derek Xue, Raghav Kapoor, Pichaimuthu Parthasarathi). The plan includes test cases for five categories mentioned below for each page of the website for mobile, tablet and desktop platforms. The test cases are colour-coded by category for easy viewing.

|  |  |  |  |
| --- | --- | --- | --- |
| **Test Environment Details:**  PC + Windows System + Chrome Browser | | **Date of test:**  2017/12/6 | **Tester Name:**  Xue Haige |
| **Categories for Testing:**  (Functionality , Navigation , Content , Layout , Standards Compliance) | | **Test Platform Hardware:**  Screen with resolution of 1920 X 1080 | |
| Functionality |  | Screen size, type and resolution: | Laptop Screen , 1920 X 1080 |
| Navigation |  | Browser:  Google Chrome or Mozilla Firefox |  |
| Content |  |  |  |
| Layout |  |  |  |
| Standards Compliance |  |  |  |

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# Common Tests For Home, Gallery and Contact Pages

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Test Case | Device | Action/Input | Expected Outcome | Pass/Fail | Description of error |
| Test Content Layout and Bootstrap elements | Mobile | Change window size to mobile screen size | Content scales to size of device screen | Pass |  |
| Test Content Layout and Bootstrap elements | Tablet | Change window size to tablet screen size | Content scales to size of device screen | Pass |  |
| Test Content Layout and Bootstrap elements | Desktop | Change window size to desktop screen size | Content scales to size of device screen | Pass |  |
| Test CSS Styles on  page | Mobile | Look through webpage | CSS Styles are correctly applied to the content on the page | Pass |  |
| Test CSS Styles on page | Tablet | Look through webpage | CSS Styles are correctly applied to the content on the page | Pass |  |
| Test CSS Styles on page | Desktop | Look through webpage | CSS Styles are correctly applied to the content on the page | Pass |  |
| Test Javascript elements on page (if any) | Mobile | Look through webpage | Javascript elements are loaded and functioning as intended | Pass |  |
| Test Javascript elements on page (if any) | Tablet | Look through webpage | Javascript elements are loaded and functioning as intended | Pass |  |
| Test Javascript elements on page (if any) | Desktop | Look through webpage | Javascript elements are loaded and functioning as intended | Pass |  |
| Test “Home” Navigation Button | Mobile | Click on Button | The button should take user to the “Home” page of website | Pass |  |
| Test “Home” Navigation Button | Tablet | Click on Button | The button should take user to the “Home” page of website | Pass |  |
| Test “Home” Navigation Button | Desktop | Click on Button | The button should take user to the “Home” page of website | Pass |  |
| Test “Gallery” Navigation Button | Mobile | Click on Button | The button should take user to the “Gallery” page of website | Pass |  |
| Test “Gallery” Navigation Button | Tablet | Click on Button | The button should take user to the “Gallery” page of website | Pass |  |
| Test “Gallery” Navigation Button | Desktop | Click on Button | The button should take user to the “Gallery” page of website | Pass |  |
| Test “Contact Us” Navigation Button | Mobile | Click on Button | The button should take user to the “Contact Us” page of website | Pass |  |
| Test “Contact Us” Navigation Button | Tablet | Click on Button | The button should take user to the “Contact Us” page of website | Pass |  |
| Test “Contact Us” Navigation Button | Desktop | Click on Button | The button should take user to the “Contact Us” page of website | Pass |  |
| Test “Facebook” Button | Mobile | Click on Button | The button should take user to the Facebook homepage | Pass |  |
| Test “Facebook” Button | Tablet | Click on Button | The button should take user to the Facebook homepage | Pass |  |
| Test “Facebook” Button | Desktop | Click on Button | The button should take user to the Facebook homepage | Pass |  |
| Test “Twitter” Button | Mobile | Click on Button | The button should take user to the Twitter homepage | Pass |  |
| Test “Twitter” Button | Tablet | Click on Button | The button should take user to the Twitter homepage | Pass |  |
| Test “Twitter” Button | Desktop | Click on Button | The button should take user to the Twitter home page | Pass |  |
| Test “Youtube” Button | Mobile | Click on Button | The button should take user to the Youtube homepage | Pass |  |
| Test “Youtube” Button | Tablet | Click on Button | The button should take user to the Youtube homepage | Pass |  |
| Test “Youtube” Button | Desktop | Click on Button | The button should take user to the Youtube homepage | Pass |  |
| HTML5 Standards Compliance | Mobile | Test coding in W3C validator | No validation errors | Fail | Reporting error on role=”xx” in the tags , although the role element is written there for the use of WAI-ARIA tools like a chrome reader and that’s for the benefit of disabled people who is browsing the website |
| HTML5 Standards Compliance | Tablet | Test coding in W3C validator | No validation errors | Fail | Reporting error on role=”xx” in the tags , although the role element is written there for the use of WAI-ARIA tools like a chrome reader and that’s for the benefit of disabled people who is browsing the website |
| HTML5 Standards Compliance | Desktop | Test coding in W3C validator | No validation errors | Fail | Reporting error on role=”xx” in the tags , although the role element is written there for the use of WAI-ARIA tools like a chrome reader and that’s for the benefit of disabled people who is browsing the website |
| CSS3 Standards Compliance | Mobile | Test stylesheet in W3C validator | No validation errors | Pass |  |
| CSS3 Standards Compliance | Tablet | Test stylesheet in W3C validator | No validation errors | Pass |  |
| CSS3 Standards Compliance | Desktop | Test stylesheet in W3C validator | No validation errors | Pass |  |
| Accessibility Standards Compliance | Mobile | Check code for WAI-ARIA roles | Roles are assigned and appropriate | Pass |  |
| Accessibility Standards Compliance | Tablet | Check code for WAI-ARIA roles | Roles are assigned and appropriate | Pass |  |
| Accessibility Standards Compliance | Desktop | Check code for WAI-ARIA roles | Roles are assigned and appropriate | Pass |  |

# Home Page Specific Testing

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Test Case | Device | Action/Input | Expected Outcome | Pass/Fail | Description of error |
| Test jQuery Slider Auto-scrolling | Mobile | Wait for slider to scroll through | The slider should automatically scroll through images | Pass |  |
| Test jQuery Slider Auto-scrolling | Tablet | Wait for slider to scroll through | The slider should automatically scroll through images | Pass |  |
| Test jQuery Slider Auto-scrolling | Desktop | Wait for slider to scroll through | The slider should automatically scroll through images | Pass |  |
| Check If All jQuery Slider Images Loaded | Mobile | See if all images are present | All images should be present and loaded at acceptable quality | Pass |  |
| Check If All jQuery Slider Images Loaded | Tablet | See if all images are present | All images should be present and loaded at acceptable quality | Pass |  |
| Check If All jQuery Slider Images Loaded | Desktop | See if all images are present | All images should be present and loaded at acceptable quality | Pass |  |
| Test Left and Right Scroll Buttons on Slider | Mobile | Click on buttons to manually scroll though the slider | The slider should scroll left or right according to the button pressed | Pass |  |
| Test Left and Right Scroll Buttons on Slider | Tablet | Click on buttons to manually scroll though the slider | The slider should scroll left or right according to the button pressed | Pass |  |
| Test Left and Right Scroll Buttons on Slider | Desktop | Click on buttons to manually scroll though the slider | The slider should scroll left or right according to the button pressed | Pass |  |
| Responsive design | Mobile | Test in all screen sizes to make sure pages are responsive | Content and layout changes with screen size | Pass |  |
| Responsive design | Tablet | Test in all screen sizes to make sure pages are responsive | Content and layout changes with screen size | Pass |  |
| Responsive design | Desktop | Test in all screen sizes to make sure pages are responsive | Content and layout changes with screen size | Pass |  |
| Layout is consistent | Mobile | Review the layout for all pages for consistency | There is consistent layout on all pages | Pass |  |
| Layout is consistent | Tablet | Review the layout for all pages for consistency | There is consistent layout on all pages | Pass |  |
| Layout is consistent | Desktop | Review the layout for all pages for consistency | There is consistent layout on all pages | Pass |  |
| Content fits on the screen | Mobile | Review pages and make sure need to zoom and scroll | No zoom or scrolling required | Pass |  |
| Content fits on the screen | Tablet | Review pages and make sure need to zoom and scroll | No zoom or scrolling required | Pass |  |
| Content fits on the screen | Desktop | Review pages and make sure need to zoom and scroll | No zoom or scrolling required | Pass |  |
| Headings are clear and concise | Mobile | Read the page headings and make sure they match the page content | Headings are concise and clearly indicate the page contents | Pass |  |
| Headings are clear and concise | Tablet | Read the page headings and make sure they match the page content | Headings are concise and clearly indicate the page contents | Pass |  |
| Headings are clear and concise | Desktop | Read the page headings and make sure they match the page content | Headings are concise and clearly indicate the page contents | Pass |  |

# Gallery Page Specific Testing

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Test Case | Device | Action/Input | Expected Outcome | Pass/Fail | Description of error |
| Gallery images fully load | Mobile | Look at gallery pictures | The images are clear and fully visible | Pass |  |
| Gallery images fully load | Tablet | Look at gallery pictures | The images are clear and fully visible | Pass |  |
| Gallery images fully load | Desktop | Look at gallery pictures | The images are clear and fully visible | Pass |  |
| Gallery images display properly | Mobile | Look at gallery pictures | The images present are not pixelated, stretched or unintentionally cropped | Pass |  |
| Gallery images display properly | Tablet | Look at gallery pictures | The images present are not pixelated, stretched or unintentionally cropped | Pass |  |
| Gallery images display properly | Desktop | Look at gallery pictures | The images present are not pixelated, stretched or unintentionally cropped | Pass |  |
| Gallery elements are clear and readable | Mobile | Look at gallery elements | All text present within the images or as captions are clearly readable at current screen size | Pass |  |
| Gallery elements are clear and readable | Tablet | Look at gallery elements | All text present within the images or as captions are clearly readable at current screen size | Pass |  |
| Gallery elements are clear and readable | Desktop | Look at gallery elements | All text present within the images or as captions are clearly readable at current screen size | Pass |  |
| Gallery elements align properly | Mobile | Look at gallery elements | The elements present are not misaligned on the page | Pass |  |
| Gallery elements align properly | Tablet | Look at gallery elements | The elements present are not misaligned on the page | Pass |  |
| Gallery elements align properly | Desktop | Look at gallery elements | The elements present are not misaligned on the page | Pass |  |
| Gallery content resizes with screen size changes | Mobile | Resize the browser window | The bootstrap gallery elements should realign and resize for the appropriate screen size | Pass |  |
| Gallery content resizes with screen size changes | Tablet | Resize the browser window | The bootstrap gallery elements should realign and resize for the appropriate screen size | Pass |  |
| Gallery content resizes with screen size changes | Desktop | Resize the browser window | The bootstrap gallery elements should realign and resize for the appropriate screen size | Pass |  |
| Responsive design | Mobile | Test in all screen sizes to make sure pages are responsive | Content and layout changes with screen size | Pass |  |
| Responsive design | Tablet | Test in all screen sizes to make sure pages are responsive | Content and layout changes with screen size | Pass |  |
| Responsive design | Desktop | Test in all screen sizes to make sure pages are responsive | Content and layout changes with screen size | Pass |  |
| Layout is consistent | Mobile | Review the layout for all pages for consistency | There is consistent layout on all pages | Pass |  |
| Layout is consistent | Tablet | Review the layout for all pages for consistency | There is consistent layout on all pages | Pass |  |
| Layout is consistent | Desktop | Review the layout for all pages for consistency | There is consistent layout on all pages | Pass |  |
| Content fits on the screen | Mobile | Review pages and make sure need to zoom and scroll | No zoom or scrolling required | Pass |  |
| Content fits on the screen | Tablet | Review pages and make sure need to zoom and scroll | No zoom or scrolling required | Pass |  |
| Content fits on the screen | Desktop | Review pages and make sure need to zoom and scroll | No zoom or scrolling required | Pass |  |
| Headings are clear and concise | Mobile | Read the page headings and make sure they match the page content | Headings are concise and clearly indicate the page contents | Pass |  |
| Headings are clear and concise | Tablet | Read the page headings and make sure they match the page content | Headings are concise and clearly indicate the page contents | Pass |  |
| Headings are clear and concise | Desktop | Read the page headings and make sure they match the page content | Headings are concise and clearly indicate the page contents | Pass |  |

# Contact Page Specific Testing(needs test cases)

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Test Case | Device | Action/Input | Expected Outcome | Pass/Fail | Description of error |
| Google Maps loads and works | Mobile | Interact with embedded Google Maps | The map is functional and interactable | Pass |  |
| Google Maps loads and works | Tablet | Interact with embedded Google Maps | The map is functional and interactable | Pass |  |
| Google Maps loads and works | Desktop | Interact with embedded Google Maps | The map is functional and interactable | Pass |  |
| Contact form fields and buttons are interactable and working | Mobile | Interact with the contact form | Contact form fields are interactable, submit button submits and refreshes the page when clicked | Pass |  |
| Contact form fields and buttons are interactable and working | Tablet | Interact with the contact form | Contact form fields are interactable, submit button submits and refreshes the page when clicked | Pass |  |
| Contact form fields and buttons are interactable and working | Desktop | Interact with the contact form | Contact form fields are interactable, submit button submits and refreshes the page when clicked | Pass |  |
| Contact Form resizes with screen size changes | Mobile | Test in all screen sizes to make sure pages are responsive | Content and layout changes with screen size | Pass |  |
| Contact Form resizes with screen size changes | Tablet | Test in all screen sizes to make sure pages are responsive | Content and layout changes with screen size | Pass |  |
| Contact Form resizes with screen size changes | Desktop | Test in all screen sizes to make sure pages are responsive | Content and layout changes with screen size | Pass |  |
| Google Maps is at reasonably usable size | Mobile | Use Google maps on the page | The maps are usable with the appropriate screen size and controls | Pass |  |
| Google Maps is at reasonably usable size | Tablet | Use Google maps on the page | The maps are usable with the appropriate screen size and controls | Pass |  |
| Google Maps is at reasonably usable size | Desktop | Use Google maps on the page | The maps are usable with the appropriate screen size and controls | Pass |  |
| Layout is consistent | Mobile | Review the layout for all pages for consistency | There is consistent layout on all pages | Pass |  |
| Layout is consistent | Tablet | Review the layout for all pages for consistency | There is consistent layout on all pages | Pass |  |
| Layout is consistent | Desktop | Review the layout for all pages for consistency | There is consistent layout on all pages | Pass |  |
| Content fits on the screen | Mobile | Review pages and make sure need to zoom and scroll | No zoom or scrolling required | Pass |  |
| Content fits on the screen | Tablet | Review pages and make sure need to zoom and scroll | No zoom or scrolling required | Pass |  |
| Content fits on the screen | Desktop | Review pages and make sure need to zoom and scroll | No zoom or scrolling required | Pass |  |
| Headings are clear and concise | Mobile | Read the page headings and make sure they match the page content | Headings are concise and clearly indicate the page contents | Pass |  |
| Headings are clear and concise | Tablet | Read the page headings and make sure they match the page content | Headings are concise and clearly indicate the page contents | Pass |  |
| Headings are clear and concise | Desktop | Read the page headings and make sure they match the page content | Headings are concise and clearly indicate the page contents | Pass |  |

**Validators used when testing the Accessibility**

<http://validator.w3.org/> html

<https://jigsaw.w3.org/css-validator/#validate_by_input> CSS