# **Assessment 3 Testing Document for dynamic website project**

|  |  |
| --- | --- |
| **Tester Name** | **YANQI ZHOU** |
| **Tester student ID** | **s3342986** |
| **Date of Test** | **25/05/2020** |
| **Tester Signature** |  |

Your project needs to be tested thoroughly to ensure all required functions work correctly

Preferably, testing should occur on the RMIT server - Jupiter

*If testing on Jupiter, ensure you have completed the following*

* *Uploaded website files to the RMIT file server (Jupiter)*
* *Set image folder permissions to 777 (to allow image upload to occur)*
* *Created all required database tables on the RMIT SQL Server (via SQLYog or similar)*

Have the following functions been created?

**Display all records**

**Display more details about a record**

**Search for records**

**Insert a record**

**Update a record**

**Delete a record**

## **PART A – required website functionality**

|  |  |  |
| --- | --- | --- |
| **Navigation** | Do all navigation and relevant hyperlinks work?  Do they go to the correct pages?  Test by selecting each option | All navigation works properly and goes to the relevant hyperlinks. |
| **Display all records**  **(min 6 records)** | Select the navigation option to **display all records**  Compare the screen display with the database table  Are there 6 records?  What fields are used for this display?  Is there a hyperlink to read more about the record (details)? | At home page, it displays 7 records on the page, which shows tourist spot name, image and locations. There has a hyperlink to read more for details. |
| **Display more details** | Click the **read more hyperlink**  Is the correct record displayed?  What additional information is displayed?  Is there a navigation on this page? | Once click on the Read More hyperlink, it goes to the correct detail page, and the additional description is displayed in this page. There is a navigation on this page. |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Inserting a new record**  **Insert test 1** | Click the navigation option for **inserting a record**   * View the form – do the form fields match the database columns (excluding auto generated fields – id, time etc)   Insert data into all fields using a test record (including image)   * Does a “success” message display?   Select the navigation option to display all records   * Is the new record data displayed? * Does the image display? | | In insert page, all fields are matched the database columns. Once click on the insert button, the insert successful message displays on the screen. There has a new record added in the display page, which shows the name, image, location and description. | |
| **Insert test 2 - empty fields** | Insert data for a new record BUT   * leave one text field blank * do not browse for an image   What happens if fields are left empty or no image is uploaded?  Are error messages displayed for the user?   * Select the navigation option to display all records * A new record should not have been added | | When some fields and image are left empty and click on the insert button, a error message, which is all the fields are required to enter, please chick it again, shows on the screen. No record is added to the display page. | |
| **Insert test 3 - cleansing of form data**  Insert data for all fields (including image) | * Insert text with both single and double quotes.   Select the navigation option to **display all records** and view the new record   * Are the quotation marks displayed in the text? | | All the quotation marks like single and double quotes can be shown on the display table. | |
| **Update a database record** | | Select the navigation option to update a record  Choose a record to update   * Is the data displayed in the form input areas? * What fields can be updated? | | Once click on the update button, all the data and image display in the form input areas. The description, image, caption and location can be updated. |
| **Update test 1 - text** | | Make changes to the text data   * type in something obvious like xxxx   Click update   * What message displays on the page? * Is there a navigation on the page?   Select the navigation option to display all records   * Has the record been updated with the new data? | | Once click on the update button, the record successfully updated message shows on the screen. There has the navigation on this page. the record has been updated on display page. |
| **Update test 2 - quotes** | | Make changes to the text data   * Type text with both single and double quotes.   Click Update  View the result using the navigation option to display all records   * Check that the data displays with quotation marks | | It can be updated with a quotation mark, including single and double quotes. |
| **Update test 3 - image** | | Browse for an image (use the second image provided)  Select the navigation option to display all records   * Has the record been updated with the new image? | | When update the new record with the new image, update is still successful with the message, Image moved to the folder. The new image is displayed on display page. |

|  |  |  |
| --- | --- | --- |
| **Delete a database record**  **Test 1**  **Confirmation screen and cancel** | Select the navigation option to delete a record  Select a record and click the delete hyperlink  View the confirmation page   * Are the record details clear? * Is there a clear delete confirmation heading? * Is there a cancel hyperlink?   Click the **cancel** hyperlink   * Are you returned to the previous page? | Once click on the delete button, all record details show on the screen with two buttons which are Cancel and Delete. When click on the Cancel button, it will go back to the display page. |
| **To Test 2**  **Delete a database record and remove the image from the folder** | Select one of the **testing records** to delete  View the confirmation page  Click the delete hyperlink   * What message is displayed? * Is there a navigation on the page?   Select the navigation option to display all records   * Has the record been deleted? * The record should not display | Once click on the Delete button, the successful delete message is shown on the screen, which is Delete successful and no image has been found to delete. There is a navigation on the page and no more this record on display page. |

|  |  |  |
| --- | --- | --- |
| **Searching test 1 - valid keywords** | View the database columns being queried (screenshot)  Enter valid keywords and click search   * Are only valid records displayed? * Is there a navigation on this page? | Once enter the keywords arts and click on the search button, the record that contain the keyword arts display on the page. There has the navigation on this page. |
| **Searching test 2 - invalid keywords** | Enter keywords that are not in the database columns being queried  What happens when invalid data is entered?   * Is there a message saying, “no records found”? * Do all records display? | When enter the keyword glen and click on the search button, is shows No record has been found. No records display in this page. |

**PART B – HTML structure and CSS styling**

|  |  |  |
| --- | --- | --- |
| **Page design and layout** | Is the website easy to navigate?  Is the website designed well?   * Spacing * Headings * Sections * Easy to read * Clear navigation | The website is easy to navigate and well designed for spacing, headings, sections, easy to read and clear navigation. The CSS layout is also well designed. |