Unit Test Plan and Result

|  |  |  |  |
| --- | --- | --- | --- |
| Project name: | WHIM | | |
| Module (e.g., class) name: | Login/Registration | | |
| Designed by: | Shubham Singh | Design date: | 05th April, 2022 |
| Executed by: | Shubham Singh | Execution date: | 05th April, 2022 |

|  |  |  |  |
| --- | --- | --- | --- |
| Test  case # | Test | Expected Result | As Expected  (Y/N) |
| 1 | Login: Login validation | | |
|  | Go to Login page | Login Page displayed | Y |
|  | Enter Registered email address | Email address format validation | Y |
|  | Enter password | Entered password converted to asterisks | Y |
|  | Login credentials verification | Display Home Page if Email and password match | Y |
|  | Login credentials verification | Display error message if Email and password mismatch | Y |

|  |  |  |  |
| --- | --- | --- | --- |
| Test  case # | Test | Expected Result | As Expected  (Y/N) |
| 2 | Registration: Registration form validation | | |
|  | Go to Registration page | Registration Page displayed | Y |
|  | Enter Form Information | Information Validated | Y |
|  | Email format validation | Validates correct email format | Y |
|  | Password format validation | Validates password character combination requirement | Y |
|  | Unique email id validation | Checks database for registered email ids | Y |
|  | Click Registration | Success message displayed if entered information validates | Y |

|  |  |  |  |
| --- | --- | --- | --- |
| Test  case # | Test | Expected Result | As Expected  (Y/N) |
| 3 | Post Hobby: hobby posting validation | | |
|  | Go to post hobby page | Post hobby Page displayed | Y |
|  | Enter hobby information | Hobby information validated | Y |
|  | Click Post | Hobby will be added to application home page | Y |

|  |  |  |  |
| --- | --- | --- | --- |
| Test  case # | Test | Expected Result | As Expected  (Y/N) |
| 4 | Delete Hobby: Deleting hobby from application | | |
|  | Go to Delete hobby page | Delete hobby Page displayed | Y |
|  | Select hobby to delete | Selected hobbies will be highlighted | Y |
|  | Click Delete | Delete hobby confirmation warning displayed | Y |
|  | Click Confirm delete | Hobby will be removed from the home page | Y |

|  |  |  |  |
| --- | --- | --- | --- |
| Test  case # | Test | Expected Result | As Expected  (Y/N) |
| 5 | Subscribe User: Subscription validation | | |
|  | Go to subscribe page | Subscribe Page displayed | Y |
|  | Click Subscribe | Subscription page displayed | Y |
|  | Click Checkout | Payment page displayed | Y |
|  | Confirm Total amount | Total amount will be displayed for payment | Y |
|  | Enter credit card details | Credit details will be validated for transaction | Y |
|  | Payment confirmation | Success message displayed | Y |

|  |  |  |  |
| --- | --- | --- | --- |
| Test  case # | Test | Expected Result | As Expected  (Y/N) |
| 6 | Unsubscribe User: Unsubscribe user validation | | |
|  | Go to subscription page | Subscription Page displayed | Y |
|  | Click Unsubscribe | Unsubscribe confirmation page displayed | Y |
|  | Click Confirm | Subscribe page displayed | Y |

|  |  |  |  |
| --- | --- | --- | --- |
| Test  case # | Test | Expected Result | As Expected  (Y/N) |
| 7 | Edit User account: change User Account settings | | |
|  | Go to My Account page | My Account Page displayed | Y |
|  | Click profile | Profile page displayed | Y |
|  | Edit User Information | Information Edited and validated | Y |
|  | Click Save | Confirmation popup displayed | Y |
|  | Click Confirmation | My Account page displayed | Y |

|  |  |  |  |
| --- | --- | --- | --- |
| Test  case # | Test | Expected Result | As Expected  (Y/N) |
| 8 | Hobby Detail: Hobby contents and information | | |
|  | Click on specific hobby title or card | Selected hobby Page displayed | Y |
|  | Hobby title | Hobby title matches with the selected hobby | Y |
|  | Rate Hobby | Select rating starts out of 5 stars | Y |
|  | Stars selected | Same selected stars will be displayed | Y |

|  |  |  |  |
| --- | --- | --- | --- |
| Test  case # | Test | Expected Result | As Expected  (Y/N) |
| 9 | Payment: Paying for Subscription | | |
|  | Go to Payment page | Payment Page displayed | Y |
|  | Enter Credit Details | Payment Form filled with credit card details | Y |
|  | Payment Form Validation | Credit card information will be validated with the correct formats of the payment form | Y |
|  | Click Pay | Payment Confirmation popup displayed with total amount | Y |
|  | Click Confirmation | Home page displayed | Y |

**Integration Testing:**

|  |  |  |  |
| --- | --- | --- | --- |
| Project name: | WHIM | | |
| Module (e.g., class) name: | Login/Registration | | |
| Designed by: | Shubham Singh | Design date: | 05th April, 2022 |
| Executed by: | Shubham Singh | Execution date: | 05th April, 2022 |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Test  case # | Title | Test data (and steps) | Expected Result | Actual Result | Success  (Y/N) |
| 1 | Login validation  (Enter correct credentials) | 1. Login validation | User should be allow to access their account and able to use all the available features of the application and should be able to manage their account profile | User can login to the application and successfully able to access the list of all the available parking spots at nearby location | Y |
| 2 | Login validation  (Enter incorrect credentials) | 1. Login validation | Application should display error message to user for entering incorrect details | Application displayed error message to user | Y |

|  |  |  |  |
| --- | --- | --- | --- |
| Project name: | WHIM | | |
| Module (e.g., class) name: | Subscription Payment | | |
| Designed by: | Swagat Samal | Design date: | 05th April, 2022 |
| Executed by: | Swagat Samal | Execution date: | 05th April, 2022 |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Test  case # | Title | Test data (and steps) | Expected Result | Actual Result | Success  (Y/N) |
| 1 | Credit Card Details  (Enter Correct Details) | 1. Payment Validation | User should be able to see a payment confirmation message and should receive a payment confirmation email. | User should be able to access the subscribed course. | Y |
| 2 | Credit Card Details  (Enter Wrong Details) | 1. Payment Validation | User should be able to see Transaction failed message and should ask to perform the transaction again. | User should be able to perform the transaction again. | Y |

|  |  |  |  |
| --- | --- | --- | --- |
| Project name: | WHIM | | |
| Module (e.g., class) name: | Hobby/Course | | |
| Designed by: | Puneet Chopra | Design date: | 05th April, 2022 |
| Executed by: | Puneet Chopra | Execution date: | 05th April, 2022 |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Test  case # | Title | Test data (and steps) | Expected Result | Actual Result | Success  (Y/N) |
| 1 | Posting a new course  (Adding new Course) | 1. Course Added to Database | New course data should be added to database  Whenever a new course is added to the web application.  Should be visible to users to subscribe. | User is able to login to the application and successfully able to access the list of all the available parking spots at nearby location | Y |
| 2 | Updating the Course (Updating the course content) | 1. Course Updated to Database | All the modified data should be updated to specific course without creating a new entry for the existing course. | Application should be able to reflect all the changes instantly. | Y |