# Chapter no 6

## System Testing and Evaluation

Test and Evaluation is the process by which a system or components are compared against

Requirements and specifications through testing. The result are evaluated to assess program of Design, Performance, Support ability etc.

Software testing is a critical element of software quality assurance and represents the ultimate review of specification, design and coding.

The purpose of product testing is to verify and validate the various work product viz.

Units, Integrated unit and final product to ensure that they meet their respective requirements.

## TCI: Signup Page

## Table 6.1

|  |
| --- |
| **Number:- TC1 Date Created:-30-04-2022**  **Created by:-** Ayesha Israr & Wajeeha Javaid |

|  |
| --- |
| **Requirement#01** |

|  |
| --- |
| **Description:-** Show Signup Page |

|  |
| --- |
| **Steps** |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Step** | **Type** | **Description** | **Expected Result** | **Actual Result** | **P/F** | **Date** | **By** |
| TC1 | Simple open the signup | 1. Enter the correct username and password | 1. User registered successfully. | No difference from Expectation. | Pass | 28-05-2022 | Ayesha Israr & Wajeeha Javaid |

|  |
| --- |
| **Data** |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Items** | **Data input** | **Test type** | **Expected Result** | **P/F** | **Date** | **By** |
|  | Text varchar | Test to pass | Valid Date | Pass | 28-05-2022 | Ayesha Israr & Wajeeha Javaid |

|  |  |  |  |
| --- | --- | --- | --- |
| **Operating System** | **Environment** | **Software’s used** | **Version** |
| Windows 10 | Visually Impaired user & Normal user | Sublime Text 3, XAMPP | 8.1.2 |

|  |
| --- |
| **Executes: 28-05-2022 Created by:-** Ayesha Israr & Wajeeha Javaid  **Passed/Failed:-** Passed |

**TC2: Login Page**

**Table 6.2**

|  |
| --- |
| **Number:-TC2-Date Created:**28-05-2022  **Created by:-** Ayesha Israr & Wajeeha Javaid |

|  |
| --- |
| **Requirement#02** |

|  |
| --- |
| **Description:-** Show Login Page |

|  |
| --- |
| **Steps** |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Step** | **Type** | **Description** | **Expected Result** | **Actual Result** | **P/F** | **Date** | **By** |
| TC2 | Simple open the signup  page | 1. Enter the correct username and password 2. Enter correct user name and incorrect password | 1. User login successfully. 2. Invalid Password | No difference from Expectation. | Pass | 28-05-2022 | Ayesha Israr & Wajeeha Javaid |

|  |
| --- |
| **Data** |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Items** | **Data input** | **Test type** | **Expected Result** | **P/F** | **Date** | **By** |
| 2. | Text varchar | Test to pass | Valid Date | Pass | 28-05-2022 | Ayesha Israr & Wajeeha Javaid |

|  |  |  |  |
| --- | --- | --- | --- |
| **Operating System** | **Environment** | **Software’s used** | **Version** |
| Windows 10 | Visually Impaired user & Normal user | Sublime Text 3, XAMPP | 8.1.2 |

|  |
| --- |
| **Executes: 28-05-2022 Created by:-** Ayesha Israr & Wajeeha Javaid  **Passed/Failed:-** Passed |

**TC3: User Order**

**Table 6.3**

|  |
| --- |
| **Number:-TC3-Date Created:**28-05-2022  **Created by:-** Ayesha Israr & Wajeeha Javaid |

|  |
| --- |
| **Requirement#03** |

|  |
| --- |
| **Description:-** User Place Order |

|  |
| --- |
| **Steps** |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Step** | **Type** | **Description** | **Expected Result** | **Actual Result** | **P/F** | **Date** | **By** |
| TC3 |  | User Order through Searching | User Order Successfully | No difference from Expectation. | Pass | 28-05-2022 | Ayesha Israr & Wajeeha Javaid |

|  |
| --- |
| **Data** |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Items** | **Data input** | **Test type** | **Expected Result** | **P/F** | **Date** | **By** |
| 3. | Text varchar | Test to pass | Valid Date | Pass | 28-05-2022 | Ayesha Israr & Wajeeha Javaid |

|  |  |  |  |
| --- | --- | --- | --- |
| **Operating System** | **Environment** | **Software’s used** | **Version** |
| Windows 10 | Visually Impaired user & Normal user | Sublime Text 3, XAMPP | 8.1.2 |

|  |
| --- |
| **Executes: 28-05-2022 Created by:-** Ayesha Israr & Wajeeha Javaid  **Passed/Failed:-** Passed |

**TC4: User Record**

**Table 6.4**

|  |
| --- |
| **Number:-TC4-Date Created:**28-05-2022  **Created by:-** Ayesha Israr & Wajeeha Javaid |

|  |
| --- |
| **Requirement#04** |

|  |
| --- |
| **Description:-** User Recorder |

|  |
| --- |
| **Steps** |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Step** | **Type** | **Description** | **Expected Result** | **Actual Result** | **P/F** | **Date** | **By** |
| TC4 |  | User record their orders | User record successfully | No difference from Expectation. | Pass | 28-05-2022 | Ayesha Israr & Wajeeha Javaid |

|  |
| --- |
| **Data** |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Items** | **Data input** | **Test type** | **Expected Result** | **P/F** | **Date** | **By** |
| 4. | Text Varchar Int. | Test to pass | Valid Date | Pass | 28-05-2022 | Ayesha Israr & Wajeeha Javaid |

|  |  |  |  |
| --- | --- | --- | --- |
| **Operating System** | **Environment** | **Software’s used** | **Version** |
| Windows 10 | Visually Impaired user & Normal user | Sublime Text 3, XAMPP | 8.1.2 |

|  |
| --- |
| **Executes: 28-05-2022 Created by:-** Ayesha Israr & Wajeeha Javaid  **Passed/Failed:-** Passed |

**TC4: User Order (by uploading prescription)**

**Table 6.5**

|  |
| --- |
| **Number:-TC Created:**28-05-2022  **Created by:-** Ayesha Israr & Wajeeha Javaid |

|  |
| --- |
| **Requirement#05** |

|  |
| --- |
| **Description:-** User Order (by uploading prescription) |

|  |
| --- |
| **Steps** |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Step** | **Type** | **Description** | **Expected Result** | **Actual Result** | **P/F** | **Date** | **By** |
| TC5 |  | User Order by uploading prescription | User upload prescription successfully | No difference from Expectation. | Pass | 28-05-2022 | Ayesha Israr & Wajeeha Javaid |

|  |
| --- |
| **Data** |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Items** | **Data input** | **Test type** | **Expected Result** | **P/F** | **Date** | **By** |
| 5. |  | Test to pass | Valid Date | Pass | 28-05-2022 | Ayesha Israr & Wajeeha Javaid |

|  |  |  |  |
| --- | --- | --- | --- |
| **Operating System** | **Environment** | **Software’s used** | **Version** |
| Windows 10 | Visually Impaired user & Normal user | Sublime Text 3, XAMPP | 8.1.2 |

|  |
| --- |
| **Executes: 28-05-2022 Created by:-** Ayesha Israr & Wajeeha Javaid  **Passed/Failed:-** Passed |

**TC6: Add Products**

**Table 6.6**

|  |
| --- |
| **Number:-TC6-Date Created:**28-05-2022  **Created by:-** Ayesha Israr & Wajeeha Javaid |

|  |
| --- |
| **Requirement#06** |

|  |
| --- |
| **Description:-** Admin will add products |

|  |
| --- |
| **Steps** |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Step** | **Type** | **Description** | **Expected Result** | **Actual Result** | **P/F** | **Date** | **By** |
| TC6 |  | Admin will be add products | Product upload successfully | No difference from Expectation. | Pass | 28-05-2022 | Ayesha Israr & Wajeeha Javaid |

|  |
| --- |
| **Data** |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Items** | **Data input** | **Test type** | **Expected Result** | **P/F** | **Date** | **By** |
| 6. |  | Test to pass | Valid Date | Pass | 28-05-2022 | Ayesha Israr & Wajeeha Javaid |

|  |  |  |  |
| --- | --- | --- | --- |
| **Operating System** | **Environment** | **Software’s used** | **Version** |
| Windows 10 | Visually Impaired user & Normal user | Sublime Text 3, XAMPP | 8.1.2 |

|  |
| --- |
| **Executes: 28-05-2022 Created by:-** Ayesha Israr & Wajeeha Javaid  **Passed/Failed:-** Passed |

**TC7: Delete Products**

**Table 6.7**

|  |
| --- |
| **Number:-TC7-Date Created:**28-05-2022  **Created by:-** Ayesha Israr & Wajeeha Javaid |

|  |
| --- |
| **Requirement#07** |
| **Description:-** Admin will be delete products |

|  |
| --- |
| **Steps** |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Step** | **Type** | **Description** | **Expected Result** | **Actual Result** | **P/F** | **Date** | **By** |
| TC7 |  | Admin will be deleted products | Products deleted successfully | No difference from Expectation. | Pass | 28-05-2022 | Ayesha Israr & Wajeeha Javaid |

|  |
| --- |
| **Data** |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Items** | **Data input** | **Test type** | **Expected Result** | **P/F** | **Date** | **By** |
| 7. |  | Test to pass | Valid Date | Pass | 28-05-2022 | Ayesha Israr & Wajeeha Javaid |

|  |  |  |  |
| --- | --- | --- | --- |
| **Operating System** | **Environment** | **Software’s used** | **Version** |
| Windows 10 | Visually Impaired user & Normal user | Sublime Text 3, XAMPP | 8.1.2 |

|  |
| --- |
| **Executes: 28-05-2022 Created by:-** Ayesha Israr & Wajeeha Javaid  **Passed/Failed:-** Passed |

**TC8: Update Products**

**Table 6.8**

|  |
| --- |
| **Number:-TC8-Date Created:**28-05-2022  **Created by:-** Ayesha Israr & Wajeeha Javaid |

|  |
| --- |
| **Requirement#08** |

|  |
| --- |
| **Description:-** Admin will be Update Products |

|  |
| --- |
| **Steps** |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Step** | **Type** | **Description** | **Expected Result** | **Actual Result** | **P/F** | **Date** | **By** |
| TC8 |  | Admin will be update products | Products update successfully | No difference from Expectation. | Pass | 28-05-2022 | Ayesha Israr & Wajeeha Javaid |

|  |
| --- |
| **Data** |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Items** | **Data input** | **Test type** | **Expected Result** | **P/F** | **Date** | **By** |
| 8. |  | Test to pass | Valid Date | Pass | 28-05-2022 | Ayesha Israr & Wajeeha Javaid |

|  |  |  |  |
| --- | --- | --- | --- |
| **Operating System** | **Environment** | **Software’s used** | **Version** |
| Windows 10 | Visually Impaired user & Normal user | Sublime Text 3, XAMPP | 8.1.2 |

|  |
| --- |
| **Executes: 28-05-2022 Created by:-** Ayesha Israr & Wajeeha Javaid  **Passed/Failed:-** Passed |

**TC9: Edit Products**

**Table 6.9**

|  |
| --- |
| **Number:-TC9-Date Created:**28-05-2022  **Created by:-** Ayesha Israr & Wajeeha Javaid |

|  |
| --- |
| **Requirement#09** |

|  |
| --- |
| **Description:-** Admin will be Edit Products |

|  |
| --- |
| **Steps** |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Step** | **Type** | **Description** | **Expected Result** | **Actual Result** | **P/F** | **Date** | **By** |
| TC9 |  | Admin will be edit products | Products edit successfully | No difference from Expectation. | Pass | 28-05-2022 | Ayesha Israr & Wajeeha Javaid |

|  |
| --- |
| **Data** |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Items** | **Data input** | **Test type** | **Expected Result** | **P/F** | **Date** | **By** |
| 9. |  | Test to pass | Valid Date | Pass | 28-05-2022 | Ayesha Israr & Wajeeha Javaid |

|  |  |  |  |
| --- | --- | --- | --- |
| **Operating System** | **Environment** | **Software’s used** | **Version** |
| Windows 10 | Visually Impaired user & Normal user | Sublime Text 3, XAMPP | 8.1.2 |

|  |
| --- |
| **Executes: 28-05-2022 Created by:-** Ayesha Israr & Wajeeha Javaid  **Passed/Failed:-** Passed |

**TC10: Payment**

**Table 6.10**

|  |
| --- |
| **Number:-TC10-Date Created:**28-05-2022  **Created by:-** Ayesha Israr & Wajeeha Javaid |

|  |
| --- |
| **Requirement#10** |

|  |
| --- |
| **Description:-** User will be do payment |

|  |
| --- |
| **Steps** |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Step** | **Type** | **Description** | **Expected Result** | **Actual Result** | **P/F** | **Date** | **By** |
| TC8 |  | User will be payment the products | Payment successfully | No difference from Expectation. | Pass | 28-05-2022 | Ayesha Israr & Wajeeha Javaid |

|  |
| --- |
| **Data** |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Items** | **Data input** | **Test type** | **Expected Result** | **P/F** | **Date** | **By** |
| 10. |  | Test to pass | Valid Date | Pass | 28-05-2022 | Ayesha Israr & Wajeeha Javaid |

|  |  |  |  |
| --- | --- | --- | --- |
| **Operating System** | **Environment** | **Software’s used** | **Version** |
| Windows 10 | Visually Impaired user & Normal user | Sublime Text 3, XAMPP | 8.1.2 |

|  |
| --- |
| **Executes: 28-05-2022 Created by:-** Ayesha Israr & Wajeeha Javaid  **Passed/Failed:-** Passed |

**TC11: Logout**

**Table 6.11**

|  |
| --- |
| **Number:-TC11-Date Created:**28-05-2022  **Created by:-** Ayesha Israr & Wajeeha Javaid |

|  |
| --- |
| **Requirement#11** |

|  |
| --- |
| **Description:-** User will be Logout |

|  |
| --- |
| **Steps** |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Step** | **Type** | **Description** | **Expected Result** | **Actual Result** | **P/F** | **Date** | **By** |
| TC11 |  | User will be logout | User logout successfully | No difference from Expectation. | Pass | 28-05-2022 | Ayesha Israr & Wajeeha Javaid |

|  |
| --- |
| **Data** |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Items** | **Data input** | **Test type** | **Expected Result** | **P/F** | **Date** | **By** |
| 11. |  | Test to pass | Valid Date | Pass | 28-05-2022 | Ayesha Israr & Wajeeha Javaid |

|  |  |  |  |
| --- | --- | --- | --- |
| **Operating System** | **Environment** | **Software’s used** | **Version** |
| Windows 10 | Visually Impaired user & Normal user | Sublime Text 3, XAMPP | 8.1.2 |

|  |
| --- |
| **Executes: 28-05-2022 Created by:-** Ayesha Israr & Wajeeha Javaid  **Passed/Failed:-** Passed |

# Chapter no 7

## Conclusion

Online tours and travel management system: This is an online project developed using PHP and MySQLi. The purpose of this project is to provide the complete information about the vehicle available for a tour. There are two different types of users. First the customers visit the site and enters the place from where to where he wishes to travel. He also provides the date as when he would like to travel. Then he sends these details to the travel and tourism agency. The employee of travel and tourism agency receives the mail and check which vehicle is available for that day and reverts back to the customer along with quotation. In case of user module, user can Sign up after that they can able to login to the site, they can search for the different trips, flight details etc. After searching they can also book the tickets. Online tour and traveling booking is a system that gives you facility of booking any type of tours and travels. This system is made so that the customer will not have to come to us for his/her tours. The project Tour and Travel Management System is developed to replace the currently existing system. This project is useful for the manager of the company as it helps them to search the data faster than existing system, to get customer record easily and report of the customer, payment are generated as per requirement. The research program commenced with a thorough review of literature on the topic. The scope to large chunk of research both tourism sector. Subsequently. The active consultations and discussions with academia, professionals and experts in the tourism sector gave right direction for the collection and analysis of data. A determined effort has been made to identify the core respondents who are significant and relevant for providing the primary data on the topic.