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| **EXPERIMENT 6** | | | | | | | |
| **Performing System Testing** | | | | | | | |
| **Test Case ID** | **Description** | **Pre-Condition** | **Steps** | **Input Data** | **Expected Result** | **Actual Result** | **Status** |
| TC1 | Browser Compatibility Testing | Webpage loaded | Open webpage on various browsers | N/A | Webpage should display correctly on all browsers | Webpage displays correctly on all browsers | PASS |
| TC2 | Mobile OS Compatibility Testing | Webpage loaded | Access webpage on different mobile OS | N/A | Webpage should function properly on all OS | Webpage functions properly on all OS | PASS |
| TC3 | Navigation Testing | Webpage loaded | Navigate through menus and buttons | N/A | Menus and button should lead to correct pages | Menus and buttons lead to correct pages | PASS |
| TC4 | Content Testing | Webpage loaded | Verify the content on the webpage | N/A | Content should be accurate and complete | Content is accurate and complete | PASS |
| TC5 | Database Testing | Database connection established | Execute database queries for testing | Test data for database operations | Database operations should perform as expected | Database operations perform as expected | PASS |
| TC6 | Database Duplicate Values Testing | Database connection established | Check for duplicate values in the database | N/A | No duplicate values should be found in the database | No duplicate values found in the database | PASS |
| TC7 | Database Operations Testing | Database connection established | Perform various CRUD operations on the database | Input data for CRUD operations | CRUD operations should perform without error | CRUD operations are performed without error | PASS |
| TC8 | Web Server Testing | Web server connection established | Send HTTP requests to the web server | N/A | Web server should respond correctly to requests | Web server responds correctly to requests | PASS |
| TC9 | Authentication Testing | User not logged in | Try to access restricted areas without valid credentials | Invalid login credentials | Access to restricted areas should be denied | Access to restricted areas is denied | PASS |
| TC10 | Authorization Testing | User not logged in | Test user roles and permissions | N/A | Users should only be able to perform authorized actions | Users can only perform authorized actions | PASS |