

DAMCO SOLUTIONS Assignment

Task - 1

Task – 1 Requirements Analysis and Coverage

1. Test cases.

1. Verify that the web-form allows searching without setting search parameters.
2. Verify that the web-form correctly filters workplaces based on the provided search criteria.
3. Verify that the web-form returns the list of workplaces that meet the specified criteria.
4. Verify that the user can sort the search results by any of the attributes mentioned in the requirements.
5. Verify that the search result table is read-only.
6. Verify that the web-form validates provided data before search.
7. Verify that the web-form provides search results without delay.
8. Verify that the web-form provides flexible navigation between results.
9. Verify that the web-form provides a user-friendly interface.

2. Negative Test cases

1. Performing Testing with a slow or unstable internet connection.
2. Verify the web- form working fine in different browsers (Chrome, Mozilla FireFox, safari, internet explorer).
3. Verify the web – form UI does not break with different devices.
4. Verify the Web -form working on different operating system (OS) e.g. Windows, Linux, Mac OS, Android.

Detail Test cases and Test data link below :-

Link :-

<https://docs.google.com/spreadsheets/d/1hpNg8jVDlp7MW7qRBK8dEIXLjNsv923CgDrKGKpftLc/edit?usp=sharing>

1. Test Data:

1. Correct search criteria.
2. Invalid search criteria.
3. No search results found.
4. Multiple search results found.

Task – 2

Task 2 – Estimation with WBS (Work Breakdown Structure) for Test Activities

1. Test Planning

1. Define test objectives
2. Identify the scope of testing
3. Plan resources and schedule

2. Test Case Design

1. Create test scenarios
2. Develop test cases for each user story

3. Test Environment Setup

1. Prepare test environment
2. Install necessary software and configurations.

4. Test Data Preparation

1. Generate test data for user registration.
2. Simulate booking scenarios.
3. Create data for user roles testing.

5. Functional Testing

1. Execute test cases for user registration
2. Perform testing for booking office places
3. Validate user roles functionality
4. Test native mobile application

6. Integration Testing

1. Verify interactions between user registration and booking.
2. Validate communication between user roles.
3. Test integration of native mobile application with existing features.

7. Regression Testing

1. Ensure new features do not impact existing functionality.
2. Validate backward compatibility.

8. Performance Testing

1. Assess system performance during user registration.
2. Evaluate booking responsiveness.
3. Test mobile application performance.

9. User Acceptance Testing (UAT)

1. Collaborate with stakeholders for UAT.
2. Ensure the system meets user expectations.

10. Defect Tracking and Reporting

1. Identify and REPORT defects.
2. Generate defect reports.
3. Communicate with development for issue resolution.

Assumptions:

1. Test environment availability as per schedule.
2. Adequate test data representing various scenarios.
3. Cooperation from the development team for issue resolution.
4. User stories accurately reflect customer requirements.

Quality Expectations:

1. Zero critical defects in production.
2. 95% or higher test coverage for new features.
3. User-friendly interfaces for both web and mobile applications.
4. Fast and responsive booking and registration processes.

Submitted By: - Prince kesharwani

Thank You