

Assessment

Manual Testing

Submitted By:
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TASK 1: REQUIREMENTS ANALYSIS AND COVERAGE

Test Data

Test Data						
Place	Floor	Room	Smoking Allowed	Equipment	From	To
P1	1	101	<input checked="" type="checkbox"/>	Projector, Connectors, Charging Points, 6 Chairs	25-07-2023	25-07-2023
P2	2	203	<input type="checkbox"/>	Projector, Whiteboard, 10Chairs, Charging Points,	26-07-2023	27-07-2023
P3	3	302	<input checked="" type="checkbox"/>	Projector, Monitor, 12 Chairs, Charging Points,	26-07-2023	28-07-2023
P4	4	405	<input type="checkbox"/>	Phone, Flip Chart Board, Charging Points, 6 Chairs	28-07-2023	28-07-2023
P5	5	508	<input checked="" type="checkbox"/>	Monitor, Projector, Charging Points, Connectors	25-07-2023	28-07-2023
P6	6	606	<input type="checkbox"/>	Monitor, Phone, Projector, Flip Chart Board, Charging Points,	28-07-2023	29-07-2023

Test Cases

Scenario 1: Validate the UI elements			
TC#	TC	Expected	Actual
1	Verify user is able to view all the elements are properly ALIGNED	User should be able to view elements (text/images) with appropriate height, width and spacing. If alternate text is configured for images that should be displayed in case images are unable to load.	-
2	Verify user is able to see expected DATA FORMAT in respective element types	1. User should be able to view calendar in Date/Time fields 2. User should be able to view checkboxes marked with default value and check/uncheck them as per requirement 3. User should be able to view Equipment list box marked with default value and select item as per requirement. Scroll bar should be displayed if the list is exceeding the defined number. 4. User should be able to see Search button. User should be able to click and appropriate results should be displayed.	-
3	Verify user is able to NAVIGATE to expected pages	User should be able to see page number in footer to navigate based on search results	-
4	Verify user is able to view UI properly on supported browsers by checking CROSS BROWSER COMPATIBILITY	1. User should be able to view the UI properly aligned, text font, text size, text color on different browsers 2. User should not see any page disruptions when providing different kind of inputs or while navigating through pages 3. For varied screen resolutions, user should be able to check the alignment of UI elements	-

Scenario 2: Verify Data input			
5	Verify user is able to provide inputs as per expected format	<p>User should be able to input data in following fields as per expected format</p> <ol style="list-style-type: none"> 1. From/To - Date range should be selected from calendar option. User should not be allowed to select past dates, they should be disabled. 2. Floor – Accept positive integer values 3. Smoking allowed – Uncheck/Check Checkbox 4. Equipments – List Checkbox <p>Assumptions: Default values should be checked as per configurations</p> <p>Date format should be as per requirements</p> <p>Check for selecting multiple values in list boxes, if that is supported</p> <p>Check message is displayed if all the required fields are not selected</p> <p>Note – User should check if all the Error/Warning Messages are accurately presented when incorrect values are passed in different elements.</p>	-
Scenario 3: Verify search criteria			
6	Verify user is able to search by selecting valid criteria	User should be able to select single/multiple criteria's and view results when search button is clicked.	-
7	Verify user is able to search without selecting any criteria	User should be able to view results when search button is clicked even when no criteria is selected. Since past date is not supported so user should see all the workplaces which are available on current date.	-
Scenario 4: Verify search results			
8	User should be able to view the search results	<ol style="list-style-type: none"> 1. User should be able to view results based on criteria's applied 2. If pagination configuration limit is exceeded then user should be able to see page navigation options. 3. Result box should be read only 4. User should be able to sort the search results by clicking on sort arrow which is available next 	-

		to all the headers available in result box.	
Scenario 5: Verify responsiveness of application			
9	Verify user is able to access application when tested against different network bandwidths	1. User should be able to select search criteria's and get the results within the expected time 2. User should be able to see any error/warning message if they are configured when application is taking unusual time to respond	-

Traceability Matrix

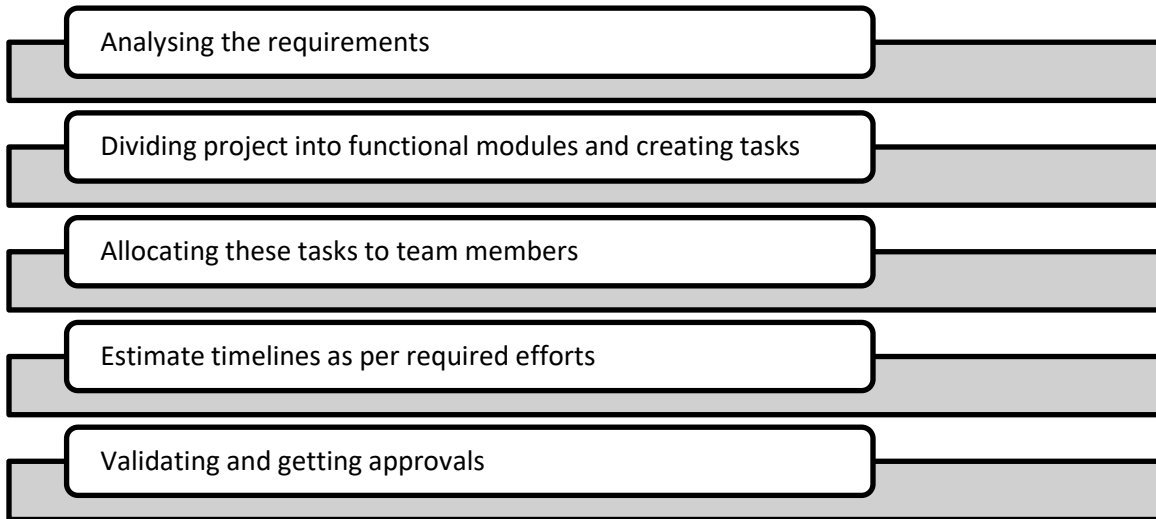
The given business requirements have been mapped with designed test cases to verify the coverage of all the requirements.

Requirement Traceability Matrix							
Business Requirement ID*	Testing				Status (P/F)		
	Scenario ID	Test Case ID	Defect ID	Bug ID	QA	UAT	Prod
1	3,4	6,8	-	-	x	x	x
2	3	7	-	-	x	x	x
3	3	6	-	-	x	x	x
4	3	6	-	-	x	x	x
5	4	8	-	-	x	x	x
6	2	5	-	-	x	x	x
7	5	9	-	-	x	x	x
8	1	3	-	-	x	x	x
9	1	1,2,3,4	-	-	x	x	x
10	4	8	-	-	x	x	x

*Business Requirement ID here are the input requirements mentioned in Task 1

Task 2: Estimation

Following the below process to provide an estimation for planned test activities



Analysing the requirements

The new release will contain many new features that will extend already existing functionality. The following features are added to the project plan for a new version:

- User registration
- Booking of the office place
- User roles (user and office manager roles)
- Native mobile application

User Stories

The following set of user stories were received from the Customer as description of planned features:

1. As a user, I want to book available working places for future so that nobody could take the place.
2. As a user, I want to have ability to cancel booking so that another user could book it instead.
3. As a user, I want to register into the system so that I can view working places I have booked.
4. As a user, I want to use mobile application for system usage so that I can do it any time.
5. As an office manager, I want to manage working places so that system provides valid up-to-date information to system users.
6. As an office manager, I want to create new working places so that users could have ability to find and book them.

Assuming that stories are dev completed and testing phase is about to begin, below breakdown of testing activities has been done and a timeline has been created to track all the progress.

**Project
Start**

Tue, Aug 1, 2023

WBS	Task Description	Assigned To						Start	End
		User Story							
		1	2	3	4	5	6		
1	Phase 1 - Functional Testing								
1.1	Test Case Design							1/8/2023	3/8/2023
1.2	Environment Setup							4/8/2023	9/8/2023
1.3	Test Case Execution							10/8/2023	15/8/2023
1.4	Report Defects/Bugs		Tester A		Tester B			10/8/2023	15/8/2023
1.5	Retesting of Defects/Bugs							10/8/2023	21/8/2023
1.6	Internal Demos							23/8/2023	23/8/2023
1.7	Test Deliverables Submission							23/8/2023	24/8/2023
2	Phase 2 - Integration Testing								
2.1	Test Case Execution							28/8/2023	1/9/2023
2.2	Report and Test Defects/Bugs		Tester A		Tester B			28/8/2023	5/9/2023
2.3	Internal Demos							6/9/2023	6/9/2023
2.4	Test Deliverables Submission							6/9/2023	7/9/2023
3	Phase 3 - Regression Testing								
3.1	Environment Setup		Tester A					11/9/2023	13/9/2023
3.2	Create Test Suite		Tester B					11/9/2023	13/9/2023
3.3	Test Case Execution		Tester B		Tester A			14/9/2023	21/9/2023
3.4	Report and Test Defects/Bugs		Tester B		Tester A			14/9/2023	21/9/2023
3.7	Test Closure		Tester B		Tester A			22/9/2023	25/9/2023

Test Case Design

Tester will review the requirements and user stories, gather information and work on test design part.
Work on any feedback provided during TC reviews.

Environment Setup

Tester will identify all the required items needed for TC execution and setup the QA environment. Install all the tools or applications required. Once the environment is up preparation of test data and test users can begun.

Test Case Execution

Tester will follow the approved testing approach to verify below high level functional areas.

- **User Registration**

- Different users as per role should be able to register
 - Created users should be able to sign in successfully

- **Booking of Office place**

- Available working places should be displayed
 - Authorised users should be able to book available working places
(Past dated booking is not supported)
 - Booked places should not appear in the available list to prevent redundancy
 - Cancellation of booked workplaces should be supported

- **User Roles**

- Two different types of users are supported; validate their access control
 - Role – User
 - Should be able to search workplaces available for booking
 - Should be able to view results, book/cancel bookings
 - Role – Office Manager
 - Should be able to add/update/delete work places
 - Work place details should be always up to the minute

- **Native Mobile Application**

- Installation and setup of the mobile application
 - Applications compatibility on different OS like IOS/Android etc
 - User sign up/sign in on mobile application
 - View, book and cancel workplaces through application
 - Application should be user friendly

Note - All the data should be saved/updated/retrieved correctly from mapped tables in database.

Report Defects/Bugs

Any identified defects/bugs should be logged and reported to the respective dev's.

Re-testing of Defects/Bugs

All fixed bugs/defects should be retested and impacted areas should also be tested.

Internal Demos

Present working functionality in internal/client demos. Any feedback should be recorded and retested once implementation is done.

Test Deliverables

Tester to submit all the below mentioned proof of testing

Test Environment setup instructions for required hardware and software

Test cases and test data

Test execution results

Generate test reports summarizing test execution and results

TASK 3: REPORT

WORKPLACES

Test Summary Report

VERSION HISTORY

Version #	Implemented By	Revision Date	Approved By	Approval Date
1.0	Manpreet Kaur	07/25/2023	John Doe	07/26/2023

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1. Introduction

Purpose

This Workplaces Test Report provides a summary of the results of test performed as outlined within this document. Purpose is to give an overview of all the testing types used and present the test results.

2. Test Summary

Project Name: Workplaces

Version Number: 1.0

Additional Comments: None

Test Type (Functional)

Each user story was functionally tested wherein multiple defects/bugs were raised and retested as per fixes.

Test Owner: Tester A, Tester B

Test Date: 01/08/2023 – 24/08/2023

Test Results:

Total TC's	TC Executed	Status		Additional Comments
		Passed	Failed	
9	9	7	2	There were partial failures related to user interface and responses loading on page. They were planned to be tested during integration tests

Test Type (Integration)

Each user story was united with impacted stories and integration testing was performed wherein multiple defects/bugs were raised and retested as per fixes.

Test Owner: Tester A, Tester B

Test Date: 28/08/2023 – 07/09/2023

Test Results:

Total TC's	TC Executed	Status		Additional Comments
12	12	Passed	Failed	There were no TC failures but some defects were raised but they were identified as low priority and planned to be fixed in next release
		12	0	

Test Type (Regression)

All the modules were rigorously tested under this phase. Emergence of old bugs/defects was also handled in this phase while continuously checking for new changes.

Test Owner: Tester A, Tester B

Test Date: 11/09/2023 – 25/09/2023

Test Results:

Total TC's	TC Executed	Status		Additional Comments
8	8	Passed	Failed	There were no TC failures but some defects were raised but they were identified as low priority and planned to be fixed in next release. Some medium priority bugs were also captured.
		8	0	

3. Test Assessment

The testing team has successfully completed testing the in scope items as per scheduled timeline. Multiple rounds of retesting were done to ensure all the identified bugs/defects were closed as per schedule. The modules have been tested thoroughly by using multiple testing types to ensure good quality of application to be delivered. Please find below all the details related to testing performed.

Test environment

Application URL: <https://www.workplaces/com>

DB: 123.45.678

VM: 192.12.123

Browser Support: Chrome, Edge, Mozilla Firefox

Testing Types

Testing team has performed UI, Functional, Integration, Retesting and Regression testing throughout the multiples phases of software testing cycle.

Included Areas

All the user stories were picked up for testing including different user type registration, booking of the office place, mobile application.

Excluded Areas

Due to resource limitations security and performance testing were not picked up.

Test Deliverables

Test suite with test cases from functional, integration and regression testing is ready. Test results have marked as Pass/Fail to present the status of execution. Further, test reports have also been generated indicating the success rate, failures (if any), Pass/Fail percentage of test cases, bugs, defects. These deliverables are present in the common repository and accessible to all the authorized stakeholders.

4. Test Results

All planned test cases were successfully executed and 100% coverage was captured. No critical bugs/defects are pending. Some minor defects were not fixed as per discussion with stakeholders; they have been planned as part of next release.

Planned Test Cases	Pass %	Fail %	Bugs/Defects %		
			Identified	Fixed	Moved to next release
21	90	10	33 bugs and 10 defects were identified	100% bugs and 5% defects were fixed	5% defects have been moved to next release

5. Sign Off

As per the test results shared our requirements have been functionally tested well. Integration of impacted modules also went off smoothly with no major blockers. Some defects are identified and known to the team and stakeholders but priority is low and will be picked up in next releases. Builds can be deployed in UAT environment and testing can be started.