

TEST PLAN

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1. INTRODUCTION:

The Test Plan has been created to communicate the test approach to team members. It includes the objectives, scope, schedule, risks and approach. This document will clearly identify what the test deliverables will be and what is deemed in and out of scope.

1.1 OBJECTIVES

BookMyShow is an online ticketing service for cinemas, theaters and sports. It is a website for booking tickets for the above mentioned events. The test team is responsible for testing the product and ensuring it meets their needs. The test team is the both customer and tester in this project.

Phase 1 of the project will deliver the website with functionality to create and store the manual tests. This will allow the test team to start transferring tests over to the new system. Must have functionality is considered more important than delivery date in this project.

1.2 TEAM MEMBERS

- Aafreen. R
- Aswini. R
- Pavithra. S
- Sanjana. B

2. SCOPE:

The initial phase will include all 'must have' requirements. These and any other requirements that get included must all be tested. At the end of Phase 1, a tester must be able to:

1. Create a manual test with as many steps as necessary
2. Save it
3. Retrieve it and have the ability to view it when running the test
4. Enter results and appropriate comments
5. View results

As the team works with the product they will define the needs for the second phase.

Load testing will not be considered part of this project since the user base is known and not an issue.

Rewriting, moving or porting existing test cases from the existing Word documents is not considered part of this project.

3. ASSUMPTIONS / RISKS:

3.1 ASSUMPTIONS

This section lists assumptions that are made specific to this project.

- Delivery of the product is in format that the test team can check it into CVS.

3.2 RISKS

The following risks have been identified and the appropriate action is identified to mitigate their impact on the project. The impact (or severity) of the risk is based on how the project would be affected if the risk was triggered. The trigger is what milestone or event would cause the risk to become an issue to be dealt with.

#	RISK	IMPACT	TRIGGER	MITIGATION PLAN
1	As testers become more familiar with the tool, they will want more functionality	High	Delays in implementation date	Each iteration, functionality will be closely monitored. Priorities will be set and discussed by stakeholders. Since the driver is functionality and not time, it may be necessary to push the date out.
2	Changes to the functionality may negate the tests already written and we may lose test cases already written	High – to schedule and quality	Loss of all test cases	Export data prior to any upgrade, massage as necessary and re-import after upgrade.

4. TEST APPROACH:

The project is using an agile approach, with weekly iterations. At the end of each week the requirements identified for that iteration will be delivered to the team and will be tested. Tests for planned functionality will be created and added to the website as we get iterations of the product.

4.1 TEST AUTOMATION

Automated unit tests are part of the development process, but no automated functional tests are planned at this time.

5. TEST ENVIRONMENT:

Selenium with appropriate web driver is required.

6. MILESTONES / DELIVERABLES:

6.1 TEST SCHEDULE

The initial test schedule follows ...

TASK NAME	START	FINISH	EFFORT	COMMENTS
Test Planning	09-05-2020	09-05-2020	1 day	
Review Requirements documents	10-05-2020	11-05-2020	2 days	
Create initial test estimates	12-05-2020	13-05-2020	2 days	
Test Strategy document	15-05-2020	15-05-2020	1 day	
Functional Requirements document	12-05-2020	12-05-2020	1 day	
Create Test Scenarios	12-05-2020	12-05-2020	1 day	
Create initial Test Cases	15-05-2020	15-05-2020	1 day	

Test Data Template	15-05-2020	15-05-2020	1 day	
Locator Selection	20-05-2020	20-05-2020	1 day	
Raw code development	21-05-2020	24-05-2020	4 days	
POM design	24-05-2020	25-05-2020	2 days	
Data Driven Framework	26-05-2020	28-05-2020	3 days	
Loggers	28-05-2020	28-05-2020	1 day	
Extent Report	28-05-2020	29-05-2020	2 days	
Jenkins	29-05-2020	30-05-2020	2 days	
RTM	30-05-2020	31-05-2020	2 days	
Defect Log	31-05-2020	01-06-2020	2 days	
Read me	03-06-2020	03-06-2020	1 day	
Test Summary Report	04-06-2020	04-06-2020	1 day	

6.2 DELIVERABLES

- Test Plan
- Traceability Matrix
- Test Results
- Test Status Report
- Metrics