**TEST PLAN**

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7. **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. **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. **TEAM MEMBERS**
* Aafreen. R
* Aswini. R
* Pavithra. S
* Sanjana. B
* Selina Joanna Peter

1. **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.

1. **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.

1. **TEST ENVIRONMENT:**

Selenium with appropriate web driver is required.

1. **MILESTONES / DELIVERABLES:**

* 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 |  |

* 1. **DELIVERABLES**
* Test Plan
* Traceability Matrix
* Test Results
* Test Status Report
* Metrics