**TEST PLAN**

**FOR**

**BookMyshow**

Prepared by: Praveen Date: 14-09-2021

Reviewed by: Date:

**REVISION HISTORY**

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# **Objective:**

To define scope of the Testing, schedules, and deliverables

# **Introduction:**

Bookmyshow is a kind of application where users will book tickets for movies, sports, and other events, with full 24 hours support system. Which is available all over the India. It also provides user to book the ticket from all kind of payments UPI, Net Banking, Debit Card and Credit Card. There will be discount, offers, and Gift Cards.

# **Reference Documents:**

### 1. Functional Requirement Specifications (FRS)

### 2. Business Requirement Specifications (BRS)

# **Test Items:**

Test items will change for every Sprint.

### Client Business Specifications

### Design Specifications of the Application

# **Features To Be Tested:**

### New User Registration

### Existing User Login

### My Account Details

### Location

### Home page functionalities

### Contact Information

### Support System

### Booking Ticket functionality

### Payment/ Transaction

### Confirmation of Booking

### Filters Functionality

And all other functionalities which are present in Test Scenarios, Test cases.

# **Features Not To Be Tested:**

Other functionalities which are not present in Above or Features to be tested section.

# **Approach:**

Follow the Test Methodology and the agile process. Clear step by step information about approach is given below.

### Test Planning

### Knowledge Transfer

### Prepare for Testing

### Setup Environment for Testing

### Test Execution

### Test Report

### Prepare all Deliverables

### Meet all the approvals

### Deploy the application at client’s environment

# **Suspension And Resumption Criteria:**

Suspension would take place when there an error which would not let application follow farther steps or the application struck and not responding Which also called as a Blocker or Show Stopper.

Resumption would be after fixing all the Blockers or Show stoppers then Resumption Criteria would be in action.

# **Test Deliverables:**

### Test plan

### Test scenarios, Test cases

### Bug Reporting

### Test Summery Report

### Traceability Matrix

# **Testing Tasks:**

Plan: After completion of the white box testing which is done by developers, then the block box testing would be done by tester team. All the functionalities would be tested according to the test plan and the test cases Using test data and few testing techniques such Equivalence Class Partitioning, Boundary Value Analysis, Error Guessing, State Transition. Functional testing includes both Manual testing and Automation Testing.

Prepare: Testing team or lead will prepare a plane form the FRS and BRS, Test engineers would follow these test strategies and test plan to execute the test cases

Execute: The functional testing indicates that all the required functions are working according to the requirement, if not then the it has to reported.

Report: Test management tool will be helpful in tracking bugs, after completion of all the bugs fixing process then defect or bug summery report should be prepared.

# **Environmental Requirements:**

* Software to test such as Different Browsers, Different OS(virtual OS ), Tools to test
* Hardware to test Such as computers with required specifications, server,

# **Testing Environment:**

### Test Environment

### Staging Environment

### Production Environment

# **Activities And Responsibilities:**

1. White Box Testing ------- Developer
2. Block Box Testing ------- Tester
3. UAT ------------------------- End User

(User Acceptance Testing)

### White Box Testing:

* Unit Testing
* Integration Testing

### Block Box Testing:

* System testing
* System testing include both Functional Testing and Non Functional Testing

### User Acceptance Testing:

* Alpha Testing
* Beta Testing

# **Staff:**

|  |  |  |  |
| --- | --- | --- | --- |
| Role | Responsibilities | Number of Resources | Resource name |
| Project Manager | * Hand over final test status report after completion of the testing phase. * Issue release schedule for the client. * Provide information on release contents (bug fixes / changes in requirement) to the Company Testing team. * Provide sign off for testing performed by Company. * Conduct Post Mortem meeting for reviews. * Ensure Test Entry and Exit criteria are met before execution of each testing phase. * Provide technical support to the testing team. * Acknowledge and assign bugs to development team reported by the testing team. * Re-assign bugs that have been fixed. | 1 | - |
| QA Lead | * Requirement Analysis * Prepare Test Plan * Writing Test Cases and Review * Updating Test Cases and Scenarios * Test Preparation * Create Test Data * Review defect summery report * Review RTM * Status reporting | 1 | Praveen |

# **Risk And Mitigation:**

Critical functionality that has multiple number of sub functions or modules there risks might take place. To reduce or to overcome such situations use backup plan, similarly in case of resources if resource is on vacation, then another backup resource should work on the module or functionality.

Testing an application without backup is a risky process, to resolve such kind of problems or risks we use backup build, backup hardware systems

# **Entry Criteria:**

* Requirement Specifications
* Test plan
* Test cases
* Unit and integrations test should pass
* Smoke test should pass

# **Exit Criteria:**

* All the Test cases should be executed
* P0 and p1 defects should not be present
* Deployment or installer defects must not be present

# **Approvals:**

|  |  |  |  |  |  |  |
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