

TEST STRATEGY

PROJECT NAME:

BookMyShow Automation

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1. SCOPE

a) IN SCOPE:

Functional Testing for the following modules are in Scope of Testing

- Registration
- Booking
- Payment

b) OUT OF SCOPE:

Performance Testing was not done for this application

2. TEST APPROACH

a) TEST LEVELS:

System testing and Acceptance testing is performed here. In system testing we check the system's compliance as per the requirements and Acceptance testing is done to check whether all the requirements are satisfied or not.

b) TEST TYPES:

The testing types performed here is

- Smoke Testing
- Regression Testing

c) ROLES AND RESPONSIBILITIES:

Pavithra. S (853023)

- Locators
- Window Handling
- Capturing error messages
- Raw code

Sanjana. B (853076)

- Excel read and write
- Hybrid (Data driven + POM)
- Loggers
- Extent Report
- Jenkins
- Grid

Test Documentation:

- Aafreen. R (853066)
- Aswini. R (853099)

3. TEST ENVIRONMENT

This automation is done with the help of selenium software. The environment setup was done by downloading the selenium jar files and adding it to the eclipse. Different drivers such as chrome driver, Firefox driver, and Edge driver were installed. Maven and Jenkins are used in selenium to run the tests faster and every time software changes a deployment happens to different environment.

4. TESTING TOOLS

The testing tool used for this automation is ***Selenium***.

We have used Selenium for automation because it is an open source tool used to validate web application across different browsers and platforms.

5. RISK ANALYSIS

#	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.