

OCBC Hack-IT, Final Assessment Developer Track

Project Topic:

Movie Ticket Booking Web Application

Test Plan (Sprint 1)

Version 1.0

06/09/2021

By: Ng Ming Yao

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Document Control

Title	Movie Ticket Booking Web Application
Documentation Name	Test Plan (Sprint 1)

Owner	Current Version	Last Change On
Ng Ming Yao	V1.0	06 September 2021, 12.10pm

Distribution List

Name	Roles
Ng Ming Yao	Frontend Developer, Backend Developer, Documentation Writer

Record of Revision

Revision Date	Description	Section Affected	Changes Made By	Version After Revision
06/09/2021	1 st Draft of the Document	Entire Document	Ng Ming Yao	V1.0

Introduction

The test plan has been created to facilitate communication within the involved member of this project. This test plan describes approaches and methodologies that will apply to system testing of the "<https://usmovie-my.netlify.app/>" site. It includes the objectives, test items, features to be tested and not to be tested, approach, schedule, pass/fail and suspension criteria, environment needs and risks. This document has clearly identified what the test deliverables will be, and what is deemed in and out of scope.

References

- <https://usmovie-my.netlify.app/>
- Design Specifications
- Project Progress Report

Test Items

This test plan describes the testing approach that will drive the testing of the <https://usmovie-my.netlify.app/> site. We test two of the functions, viewing all seats for one movie and selecting one or more seats for purchase.

Features To Be Tested

- User View All Seats
- User Select Seats

Features Not To Be Tested

- User Remove Selected Seats
- User Confirm Ticket Purchased

Approach

After the programming of the two functions are completed, the test case will be carried out by visiting the project site and select one or more seats. All testing is though the actual website that is up and running on <https://usmovie-my.netlify.app/>. At the end of the sprint, all the functions will be tested, and feedback will be given on each of it.

Pass/Fail Criteria

The goal of this plan is that user will be able to view all seats that is available and unavailable for purchase and able to select one or more seats for purchase. After testing, all functions should be successful without error. However, the testing could still fail if only part of the seats is shown, or user are not able to choose one or more seats.

Suspension Criteria

Most tests performed on the website are quite short and are performed quickly. Any discovered errors in website implementation can be quickly resolved and the test results of unrelated parts of the website are unaffected. Errors found in the web services will require a suspension of testing since more time is needed to fix them and to redeploy the services on the server. All website tests that used the web service operations that contained errors should be performed anew after removing all found errors.

Test Deliverable

- Test plan (Sprint 1)
- Test case (Sprint 1)

Environmental Needs

- Support level 1 (browsers):
 - ✓ Windows 10: Edge, Chrome (latest), Firefox (latest)
 - ✓ Mac OS X: Chrome (latest), Firefox (latest), Safari (latest)

Testing Tasks

Test Tasks	Assigned To	Status
Create Test Plan (Sprint 1)	Ng Ming Yao	Completed
Create Test Case (Sprint 1)	Ng Ming Yao	Completed

Schedule

Task Name	Start	End	Test By	Comments
Test Plan (Sprint 1)	06/09/2021	06/09/2021	Ng Ming Yao	
Test Case (Sprint 1)	06/09/2021	06/09/2021	Ng Ming Yao	No errors

Risks and Contingencies

There are no risks when we test on the website on browsers.

Approvals

Name	Roles	Signature
Ng Ming Yao	Frontend Developer, Backend Developer, Documentation Writer	/