

# OCBC Hack-IT, Final Assessment Developer Track

## **Project Topic:**

Movie Ticket Booking Web Application

## **Project Progress Documentation**

Version 1.1.2

12/09/2021

By: Ng Ming Yao

## Table of Contents

<b>Document Control</b> .....	3
Distribution List .....	3
Record of Revision.....	3
<b>Overview</b> .....	4
<b>Milestones</b> .....	5
List of deliverables/milestones: .....	5
<b>Work Completed</b> .....	5
List of Completed Work Items/Activities:.....	5
<b>Sprint 1</b> .....	6
Gantt Chart .....	7
<b>Sprint 2</b> .....	8
Gantt Chart.....	9

## Document Control

<b>Title</b>	Movie Ticket Booking Web Application
<b>Documentation Name</b>	Project Progress Documentation

Owner	Current Version	Last Change On
Ng Ming Yao	V1.1.2	12 September 2021, 01.06pm

## 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
01/09/2021	Create the document and add in Sprint 1	Entire Document, Sprint 1	Ng Ming Yao	V1.0.0
06/09/2021	Update work status and add in Gantt Chart	Overview, Sprint 1	Ng Ming Yao	V1.0.1
07/09/2021	Add in Sprint 2	Sprint 2	Ng Ming Yao	V1.1.0
12/09/2021	Update work status and add in Gantt Chart	Overview, Work Completed, Sprint 2	Ng Ming Yao	V1.1.1
12/09/2021	Document Review	Entire Document	Ng Ming Yao	V1.1.2

### Overview

We aim to develop and host a single webpage application that allows users to book movie tickets on our platform. All users will be able to view all seats in the theatre and able to book the available seats.

Sprint	Period	Status
Sprint 1	31 <sup>st</sup> August 2021 – 6 <sup>th</sup> September 2021	Completed
Sprint 2	7 <sup>th</sup> September 2021 – 13 <sup>th</sup> September 2021	Completed

## Milestones

### List of deliverables/milestones:

S/N	Work Item	Planned Target Date	Comment
1	Design Specification	13 <sup>th</sup> September 2021	The project requirement specification consists of the identified functional and non-functional requirements that our proposed product will have and will be expressed using use cases and use case descriptions that will give a clearer picture of our system.
2	Project Progress Documentation	13 <sup>th</sup> September 2021	The project progress report would consist of all the planning and progression of the project.
3	Test Cases Report	13 <sup>th</sup> September 2021	The test cases will consist of all reports on the web application testing.
4	User Manual	13 <sup>th</sup> September 2021	The user manual will consist of the steps-by-steps instruction on how to use our web application.

## Work Completed

### List of Completed Work Items/Activities:

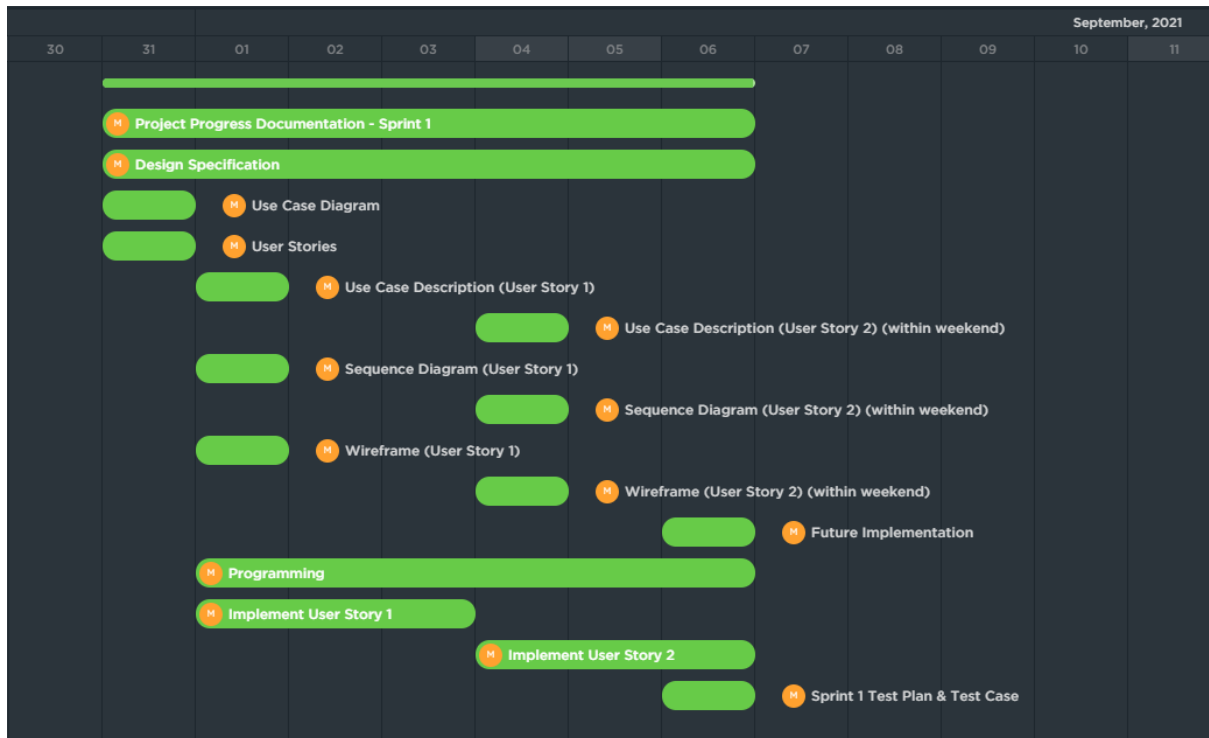
S/N	Work Item	When Completed	Comment
1	Design Specification	12 <sup>th</sup> September 2021	Nil
2	Project Progress Documentation	12 <sup>th</sup> September 2021	Nil
3	Test Cases Report	12 <sup>th</sup> September 2021	Nil
4	User Manual	12 <sup>th</sup> September 2021	Nil

## Sprint 1

Dates	31 <sup>st</sup> August 2021 – 6 <sup>th</sup> September 2021	Status	Completed										
Objectives	<u><b>Documentation</b></u> 1. Project Progress Documentation a. Sprint 1 2. Design Specification a. Use Case Diagram b. User Stories c. Use Case Descriptions (User Story 1 & 2) d. Sequence Diagram (User Story 1 & 2) e. Wireframes (User Story 1 & 2) f. Future Implementation 3. Sprint 1 Test Plan & Test Case  <u><b>Programming</b></u> 1. Implement User Story 1 & 2												
Work Completed	<table><tr><th>Item</th><th>Status</th></tr><tr><td>Project Progress Documentation</td><td>Completed 1. Sprint 1</td></tr><tr><td>Design Specification</td><td>Completed 1. Use Case Diagram 2. User Stories 3. Use Case Descriptions (User Story 1 &amp; 2) 4. Sequence Diagram (User Story 1 &amp; 2) 5. Wireframes (User Story 1 &amp; 2) 6. Future Implementation</td></tr><tr><td>Implement User Story 1 &amp; 2</td><td>Completed 1. Frontend &amp; Backend setup 2. Implement View all seats 3. Implement Add seats to cart</td></tr><tr><td>Sprint 1 Test Plan &amp; Test Case</td><td>Completed</td></tr></table>			Item	Status	Project Progress Documentation	Completed 1. Sprint 1	Design Specification	Completed 1. Use Case Diagram 2. User Stories 3. Use Case Descriptions (User Story 1 & 2) 4. Sequence Diagram (User Story 1 & 2) 5. Wireframes (User Story 1 & 2) 6. Future Implementation	Implement User Story 1 & 2	Completed 1. Frontend & Backend setup 2. Implement View all seats 3. Implement Add seats to cart	Sprint 1 Test Plan & Test Case	Completed
Item	Status												
Project Progress Documentation	Completed 1. Sprint 1												
Design Specification	Completed 1. Use Case Diagram 2. User Stories 3. Use Case Descriptions (User Story 1 & 2) 4. Sequence Diagram (User Story 1 & 2) 5. Wireframes (User Story 1 & 2) 6. Future Implementation												
Implement User Story 1 & 2	Completed 1. Frontend & Backend setup 2. Implement View all seats 3. Implement Add seats to cart												
Sprint 1 Test Plan & Test Case	Completed												
Problems Encountered	1. Unfamiliar with Spring Boot – Java backend thus we learned from scratch.												

# Project Progress Documentation

## Gantt Chart



## Sprint 2

Dates	7 <sup>th</sup> September 2021 – 13 <sup>th</sup> September 2021	Status	Completed												
Objectives	<u><b>Documentation</b></u> <ul style="list-style-type: none"><li>1. Project Progress Documentation<ul style="list-style-type: none"><li>a. Sprint 2</li></ul></li><li>2. Design Specification<ul style="list-style-type: none"><li>a. Use Case Diagram</li><li>b. User Stories</li><li>c. Use Case Descriptions (User Story 3 &amp; 4)</li><li>d. Sequence Diagram (User Story 3 &amp; 4)</li><li>e. Wireframes (User Story 3 &amp; 4)</li><li>f. Architecture Diagram</li><li>g. Hierarchical Diagram</li><li>h. Database Design Diagram</li></ul></li><li>3. Sprint 2 Test Plan &amp; Test Case</li><li>4. User Manual</li></ul> <u><b>Programming</b></u> <ul style="list-style-type: none"><li>1. Implement User Story 3 &amp; 4</li></ul>														
Work Completed	<table><tr><th>Item</th><th>Status</th></tr><tr><td>Project Progress Documentation</td><td>Completed<ul style="list-style-type: none"><li>1. Sprint 2</li></ul></td></tr><tr><td>Design Specification</td><td>Completed<ul style="list-style-type: none"><li>1. Use Case Descriptions (User Story 3 &amp; 4)</li><li>2. Sequence Diagram (User Story 3 &amp; 4)</li><li>3. Wireframes (User Story 3 &amp; 4)</li><li>4. Architecture Diagram</li><li>5. Hierarchical Diagram</li><li>6. Database Design Diagram</li></ul></td></tr><tr><td>Implement User Story 3 &amp; 4</td><td>Completed<ul style="list-style-type: none"><li>1. Implement Remove Selected Seats</li><li>2. Implement Confirm Ticket Purchased</li></ul></td></tr><tr><td>Sprint 2 Test Plan &amp; Test Case</td><td>Completed</td></tr><tr><td>User Manual</td><td>Completed</td></tr></table>			Item	Status	Project Progress Documentation	Completed <ul style="list-style-type: none"><li>1. Sprint 2</li></ul>	Design Specification	Completed <ul style="list-style-type: none"><li>1. Use Case Descriptions (User Story 3 &amp; 4)</li><li>2. Sequence Diagram (User Story 3 &amp; 4)</li><li>3. Wireframes (User Story 3 &amp; 4)</li><li>4. Architecture Diagram</li><li>5. Hierarchical Diagram</li><li>6. Database Design Diagram</li></ul>	Implement User Story 3 & 4	Completed <ul style="list-style-type: none"><li>1. Implement Remove Selected Seats</li><li>2. Implement Confirm Ticket Purchased</li></ul>	Sprint 2 Test Plan & Test Case	Completed	User Manual	Completed
Item	Status														
Project Progress Documentation	Completed <ul style="list-style-type: none"><li>1. Sprint 2</li></ul>														
Design Specification	Completed <ul style="list-style-type: none"><li>1. Use Case Descriptions (User Story 3 &amp; 4)</li><li>2. Sequence Diagram (User Story 3 &amp; 4)</li><li>3. Wireframes (User Story 3 &amp; 4)</li><li>4. Architecture Diagram</li><li>5. Hierarchical Diagram</li><li>6. Database Design Diagram</li></ul>														
Implement User Story 3 & 4	Completed <ul style="list-style-type: none"><li>1. Implement Remove Selected Seats</li><li>2. Implement Confirm Ticket Purchased</li></ul>														
Sprint 2 Test Plan & Test Case	Completed														
User Manual	Completed														



# Project Progress Documentation

Problems Encountered	<ol style="list-style-type: none"><li>1. Unfamiliar with update function in Spring Boot thus spend extra time learning how to do it.</li><li>2. First time using emailjs thus spend extra time learning it.</li></ol>
----------------------	---

## Gantt Chart

