<Web Movie Booking>

<Iteration/ Master> Test Plan

Version <1.0>

Revision History

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| --- | --- | --- | --- |
| **Date** | **Version** | **Description** | **Author** |
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<Iteration/ Master> Test Plan

# Introduction

## Purpose

* This document describes in detail the test strategy, objectives, schedule, estimates and deliverables and resources required for testing. This is the basis for testing the Movie Web product that the testing team must follow.

# Target Test Items

* List of tests:
* Add movie
* Choose seat
* Payment
* Register
* Search

# Environmental Needs

## Hardware Requirements

|  |  |  |
| --- | --- | --- |
| Component | Minimum | Recommended |
| CPU | x86 | x64 |
| RAM | 2GB | ≥ 4GB |
| Network | 15 - 30Mbps, Lower Latency 50ms | 30-50Mbps, Lower Latency 30ms |

## Software in the Test Environment

The following base software elements are required in the test environment for this *Test Plan*.

| **Software Name** | **Purpose** | **Version** | **Type and Other Notes** |
| --- | --- | --- | --- |
| Insomnia | Test API | 5.1 | Desktop Software |
| React Develope tools | Debug keeps track of the component's props, state, tree... | 2.7 | Chrome Extension |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

## Productivity and Support Tools

The following tools will be employed to support the test process for this *Test Plan*.

| **Tool Category or Type** | **Tool Brand Name** | **Vendor or In-house** | **Version** |
| --- | --- | --- | --- |
| List of tests | MS Excel 2010 | MS | 365 |
| Specification for test plan | MS Word | MS | 365 |

# Responsibilities, Staffing, and Training Needs

## People and Roles

This table shows the staffing assumptions for the test effort.

| **Human Resources** | | |
| --- | --- | --- |
| **Role** | **Minimum Resources Recommended**  **(number of full-time roles allocated)** | **Specific Responsibilities or Comments** |
| Test Manager | Nguyễn Thái Bảo | Provides management oversight.  Responsibilities include:   * planning and logistics * agree mission * identify motivators * acquire appropriate resources * present management reporting * advocate the interests of test * evaluate effectiveness of test effort |
| Tester | Phan Minh Xuân  Bùi Duy Bảo | Implements and executes the tests.  Responsibilities include:   * implement tests and test suites * execute test suites * log results * analyze and recover from test failures * document incidents |
| Test System Administrator | Trần Văn An | Ensures test environment and assets are managed and maintained.  Responsibilities include:   * administer test management system * install and support access to, and recovery of, test environment configurations and test labs |