Cinema Application

Version <1.0>

Revision History

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# Introduction

The purpose of this document is to collect, analyze, and define high-level needs and features of the Cinema application. It focuses on the capabilities needed by the stakeholders and the target users, and **why** these needs exist. The details of how the Cinema application fulfills these needs are detailed in the use-case and supplementary specifications.

The introduction of the **Vision** document provides an overview of the entire document. It includes the purpose, scope, definitions, acronyms, abbreviations, references, and overview of this **Vision** document.

## Purpose

The purpose of the vision document is to describe functionality of a cinema application, and to get the users to understand the main features of the app.

## Scope

The vision document is associated to the Cinema Application. The main features of my application will be:

* authentication process for system manager and for users (username & password)
* the system manager can add movies to database, assign a cinema hall for a specific movie and make the schedule for each hall
* the users can watch trailers, make a reservation
* the database will contain the following information about a movie: short description, IMDB rank, link to the poster
* the database will contain the following information about a cinema hall: the schedule, a status for each seat (reserved/available)

## Definitions, Acronyms, and Abbreviations

The application will use Java for implementing the logic, MySQL as a database for storing the information, IMDB as a resource for movie information.

## References

## Overview

The application has a practical applicability and it will be used by people who are movie enthusiastic and who want to be on touch with the latest releases.

# Positioning

## Problem Statement

|  |  |
| --- | --- |
| The problem of | arriving at the cinema and finding that your favorite movie is sold out |
| affects | all the film enthusiasts |
| the impact of which is | the have to reschedule their movie for another day |
| a successful solution would be | the possibility to reserve seats before arriving at the cinema |

## Product Position Statement

|  |  |
| --- | --- |
| For | movie enthusiasts |
| Who | | are watching movies at the cinema |
| The (Cinema Application) | is a software application |
| That | solve the problem of going at the cinema and find that the movie is sold out |
| Unlike | making a phone call to reserve the seats |
| Our product | is the best solution for reserving seats at your favorite movie |

# Stakeholder and User Descriptions

This section introduces the users of the Cinema Application. There are two types of users:

* the system manager
* the users/customer

## Stakeholder Summary

|  |  |  |
| --- | --- | --- |
| **Name** | **Description** | **Responsibilities** |
| Me | Developer | Come with a solution for the problem, implement the solution and test the final product. |

## User Summary

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Description** | **Responsibilities** | **Stakeholder** |
| User | Customer | Login, watch the available movies and make a reservation |  |
| Manager | The responsible of the application | Makes CRUD operations on the movie list |  |

## User Environment

The application could be used by anyone who enjoys a good movie. They could watch some movie trailers and make a reservation at the desired hours.

The application could be used anytime and everywhere, the only limitation is that it needs an Internet connection.

The application has a friendly user interface, that will ease the reservation process.

# Product Requirements

In order to run the application, JRE (Java Runtime Environment), MySQL and Internet access are needed.