BookBook

Vision Document

Version 0.1

Revision History

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| --- | --- | --- | --- |
| **Date** | **Version** | **Description** | **Author** |
| 12/06/2021 | 0.1 | Summarize first plan for basic project | Quang Huy |
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# Introduction

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

This Vision document’s purpose will delve further into some sections: **Positioning**, **Stakeholder/User summery** (description, issue, environment), **Some application’s features** and **Some** **non-functional requirements**.

# Positioning

## Problem Statement

[Provide a statement summarizing the problem being solved by this project. The following format may be used:]

|  |  |
| --- | --- |
| The problem of | Selling and buying film tickets |
| affects | Guesses buy tickets which are from a specific cinema and its manager. |
| the impact of which is | Customer doesn’t have time to book tickets at cinema and it could be sold out when they come. |
| a successful solution would be | Customers should know where available theaters are. A third-party app will help them in booking before watching and also announce them if that film is sold out which save the customers’ time. |

## Product Position Statement

|  |  |
| --- | --- |
| For | Film spectators |
| Who | book movie tickets online |
| The (product name) | BookBook |
| That | Helps customer’s booking easier and quicker |
| Unlike | Many webs, apps which also have online booking services but it’s just an add-on feature which isn’t focused on. |
| Our product | * Connects to current cinemas near you. * Simple booking steps. * Trading without credit cards. |

# Stakeholder and User Descriptions

## Stakeholder Summary

|  |  |  |
| --- | --- | --- |
| **Name** | **Description** | **Responsibilities** |
| Developer | Build and develop the application.  Fixing bug.  Maintain and update. | * ensures that the system will be maintainable * ensures that there will be a market demand for the product’s features * ensures that deadlines will be submitted on time |
| Project Manager | Manage the entire project, members, plans and progress.  Communicates with suppliers | * Estimates the project (prediction, investigation, …) * Tracks the progress and make sure everything goes as planned * Write project report and plans * Motivates members to work hard |
| Cinema manager | Who can be responsible for their customers who are using this app | * Indirectly represents for their customer about app’s bug * Make and maintains contract with us |
| Supervisor | A person who supports the team in entire the project. | * Willing to help if there is any problem the team encounter. * Grades team’s work * Has full-control on any task, progress,… |

## User Summary

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Description** | **Responsibilities** | **Stakeholder** |
| Speculators | Customers who book tickets for their favorite films. | Report bugs and security  Review app | Cinema’s manager |

## User Environment

* **People involved:** 4 people who are team members (1 leader, 2 members), supervisor (Mr. Vu). No changing at this time.
* **Task cycle:** About 3 weeks: Planning (1 weeks), Analysis (1week), Design (1 week). This task cycle will have implementation after 3 weeks and it takes more 2 weeks for this activity.
* **Unique environmental constraints:** Mobile with internet
* **Platforms:** Android. IOS and PC for future.
* **Other applications are in use:** No application is in use yet.

## Alternatives and Competition

Online booking websites, CGV cinemas, Galaxy Cinema, ….

# Product Features

|  |  |  |  |
| --- | --- | --- | --- |
| *No.* | *Feature* | *Description* | *Priority* |
| *1* | *User’s account* | *User use account for purchasing ticket, searching, …*  *This includes signing up, signing in, basic information (add basic contact, edit username/password)* | *High* |
| *2.* | *A schedule and calendar for users* | *A small announcement for upcoming events or the film which the customer has booked will going to be screened,…* | *Low* |
| *3.* | *Booking* | *Allows users to book a ticket. Includes: choose slot, date time, snack, …*  *Allows manager to sell tickets. Includes: calculate the bill (sale off, bonus,… ), deliver the cash to theatre,* | *High* |
| *4.* | *Preview a film* | *Customer also can preview a film which they will watch. Includes: Gallery, description, trailer, genre and other users’ reviews.* | *Medium* |

# Non-Functional Requirements

**Performance:** About 1000 users have to wait for the response within 5s including the rendering of text and images. Booking a ticket would be completed within 1min (excludes the time choosing film, slot, …).

**Usability:** User could discover all app features after 10 minutes. Search and review a film could be done easily by users. Users’ information must be secure.