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30432

CineMIX
Vision

Version 1.0

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Revision History

Date	Version	Description	Author
11/MAR/2019	1.0	Initial Project Statement	Daniel Mureşan

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Vision

1. Introduction

For most of the people, watching a movie at a cinema is a way of escaping from everyday problems, a way of spending pleasant time with friends, a way to relax and for the franchises fans a way of staying in touch with their favorite heroes. Usually those kind of activities are planned and one would like to know the schedule and to be able to book tickets online for the movies. Unfortunately there are multiple cinemas which don't offer this possibility because they are not part of a bigger chains and don't even have sites. Through this document we propose a solution for this problem, what we will implement and why this system is useful.

1.1 Purpose

The purpose of CineMIX is to offer the possibility for smaller cinemas which are not integrated in bigger chains to present their offer to customers. Our aim is to create an application which will be used by the cinema owners to present their offer and by the people which want to look for a movie place. In order for the application to achieve it's goal we will keep a database with cinema info and user bookings.

1.2 Scope

The following features will be covered by CineMIX:

- User Autentification (Create Account + Login) – two types of users.
- See the list of cinemas.
- See the list of movies screened by a cinema.
- Book a ticket for a movie at a specific cinema.
- Cancel a booking for a ticket.
- Buy tickets with an extern payment service.
- The application will notify via email the person who booked tickets in the day of the screening.
- The users can review movies and cinemas also.
- Cinema owners can create polls through which possible viewers can vote for favorite re-screenings.
- Cinema owners can create and update the list of movies for it's cinema.

The following services are not provided by the application :

- Payment services.
- Refund services.
- Any kind of advertising services.

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1.3 Definitions, Acronyms, and Abbreviations

Throughout all related papers to this project the following terms should be understood by the reader as follows

Term	Definition
Cinema owner	A person who administrates a cinema which is not part of a big chain of cinemas and uses the application to give their offer to customers
Ticket booking	A request made by the normal users to save seats to a movie but does not involve any payment. Because the payment will be done at the cinema place.

1.4 References

All the related papers to this project are presented in the list below

- Project_UseCaseModel_CreateAccount
- Project_UseCaseModel_SeeMovies
- Project_SupplementarySpecification
- Project_Analysis_and_Design_Document

1.5 Overview

In this section of the document we will describe the position in the market, relative to a similar and widely used product which though does not offers the possibility to our target, small cinema owners, to make use of the application. We will then continue by describing the involved stakeholders, the end users, the end user environment and the product hardware and software requirements.

2. Positioning

2.1 Problem Statement

The problem of	Interacting between small cinemas and movie lovers.
affects	Both cinema owners and citizens that want to watch a movie.
the impact of which is	The small number of people that usually go to this kind of cinemas.
a successful solution would be	To create this application we propose in order to give the possibility for cinemas to present their offer and for citizens to be able to choose between them, the one that fits the best their needs.

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2.2 Product Position Statement

For	Small cinema owners.
Who	does not have a good interaction with their possible customers because they don't have an online system.
The CineMIX	is a Management System.
That	Provides better interaction between different small cinema owners and possible customers.
Unlike	Systems like CinemaCity which allows this kind of interaction only for the cinemas integrated in their own franchise.
Our product	<ul style="list-style-type: none"> Provides equality between small cinemas and franchise giants who have this kind of systems only for themselves. Assures the same services for all cinemas which want to improve their interaction with customers. Increases the number of customers to this category of cinemas.

3. Stakeholder and User Descriptions

3.1 Stakeholder Summary

Name	Description	Responsibilities
Giant cinema franchise owner	The stakeholders that have this type of system only for the cinemas which are part in their chain.	They will try to stop the project because it threatens their activity by giving customers other possibilities.
System Administrator	The person in charge with maintaining the system after implementation.	Ensures system integrates with the third party payment services system. Ensures system is maintainable.
Payment services provider.	The stakeholder which based its activity on processing all types of payments.	Provides a solution for payments that will fit the best with the application.
Implementation Team	The team developing the project.	Provide a clean implementation with minimum effort.

3.2 User Summary

Name	Description	Responsibilities	Stakeholder
Cinema owner	The first type of user that will be use the app to give their offer to clients.	To create and update the list of movies and the schedule his cinema is offering.	He is a direct user.

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Citizen	The second type of user which is a regular person that wants to watch a movie.	See the lists with cinemas and respective movies. Make bookings for movies. Cancel bookings for movies. Directly buy tickets for movies.	He is a direct user.
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3.3 User Environment

Cinema owner

As an administrator it is presumed that he will work from an office which can very quickly turn into a stressful environment. For this reason, the system must provide him a workflow that supports interruptions and shows him at any moment the current state of the system.

Citizen

A normal person that will use the application from a personal computer, probably at a moment of spare time during which he is able to make the best decision regarding the movie and the cinema place.

4. Product Requirements

For either user, the product requires first of all a stable internet connection and a computer with relative medium specifications like : at least 8 GB RAM, Dual Core processor, one monitor, mouse and keyboard.

The application should also be able to integrate the payment service provided by the third party in order to give the possibility of buying tickets for movies.