**Individual Project Plan**

***Project: CinemaWorld***

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#### Version history

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| **Version** | **Date** | **Author(s)** | **Changes** | **State** |
| 1.0 | 11/9/2021 | Kristiyan Balev | Inital draft version | Draft |
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# 1. Project description

## 1.1 Context

Project: CinemaWorld is aimed to help people make a movie reservations from a single place without having to check each movie theatre’s website individually. That way customers would have a way easier job when it comes to planning going to the movies with their friends or just by themselves.

## 1.2 Goal of the project

The goal is to create a website for the people that would like to have an easy experience planning going to a movie through a full-stack web application that allows them to buy or reserve tickets.

# 2 Activities and time plan

## 2.1 Phases of the project

We will have 6 sprints and each will be 3 weeks long.

## 2.2 Time plan and milestones

For the remainder of this project Agile and Scrum approach will be used. Each sprint will have a Plan, Design, Implement, Test and Review phase.

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| --- | --- |
| **Phasing** | **Effort** |
| 1. Sprint review | Review of the previous sprint  Gathering feedback  Analyzing feedback |
| 1. Inception | New requirements and user stories are gathered  New-to-be implemented features are conceptualised |
| 1. Iteration | Work begins on implementing new features  Work is continued on implementing features from the previous spring which were not implemented for whatever reason |
| 1. Release | Unit testing is performed on new feature before integration  System testing after integration  Creating reports from both types of testing |
| 1. Final release | After all sprints are complete a final release will be scheduled and the project will be terminated  All necessary documentation will be completed, updated and submitted |

# 3. Testing strategy

After each feature build phase is completed, unit testing will be performed.

After each feature is integrated to the solution, integration testing will be performed.

After each sprint out testing strategy will be updated or changed if required.

# 4. User stories and acceptance criteria

## 4.1 ”Must” user stories

**User story #1**

* As a user
* I must be able to browse a list of different movies
* So I can find the movie I’m interested in

Acceptance criteria

* I can see the list of movies
* I can search a particular movie through a search box

**User story #2**

* As a user
* I must be able to view the details of a selected movie
* So I can learn more about it

Acceptance criteria

* I can see a description box of the movie with a short description about the plot, actors, etc.

**User story #3**

* As a user
* I must be able to see a list of movie theatres when viewing a movie
* So I can plan my reservation better

Acceptance criteria

* I can see a list of theatres with their name and address

**User story #4**

* As a user
* I must be able to buy or reserve a movie ticket in the selected theatre by using my account

Acceptance criteria

* I can start reserving by using a reserve button
* I can choose the theatre that I want to be going to
* I can see the which seats are taken and which are free
* I can select a seat and finish my reservation by a Finish button.
* After a finalized reservation a confirmation email is sent to me.

**User story #5**

* As a user
* I must be able to make an account
* So I get access to buying and reserving tickets

Acceptance criteria

* I can create an account by going to the registration page and filling in the required fields

**User story #6**

* As a user
* I must be able to edit the details of my account
* So my account details are up-to-date

Acceptance criteria

* I can see and edit my personal details
* I can’t edit my account id

**User story #7**

* As an administrator
* I must be able to edit the movie list

Acceptance criteria

* I can CRUD a movie

**User story #8**

* As an administrator
* I must be able to edit the list of theatres

Acceptance criteria

* I can CRUD a theatre

## 4.2 ”Should” user stories

**User story #9**

* As an administrator
* I should be able to help with the accounts of users
* In case of a problem

Acceptance criteria

* I can CRUD user account

**User story #10**

* As an administrator
* I should be able to edit reservations on behalf of the user
* In case of a problem that the user encounters

Acceptance criteria

* I can CRUD a reservation and assign it to a user