**Cinema PvA.**



Made by: Emiel, Mark & Stefan

1. **Objective**
2. **MoSCow**
3. **Definitions**

Objective:

The employer asked us to make an application for a cinema, he wants to promote his cinema and make an application that is user-friendly, which holds all the data necessary to get a fulfilled customer experience.

The application’s main functionality is to inform customers about the upcoming movies, the price of the movies, the location of the cinema, and a lot more information about the food and seats.

When the application is functional, the most important thing after that is user-friendliness, we want the best customer experience ever.

We decided to take this project because we must in order to graduate.

MoSCow:

Required:

* Check available seats.
* Reserve seat.
* Show available movies.
* Movie price.

Should have:

* Upcoming movies.
* Info about cinema.
* Reservation code.
* Food price.
* Info about the cinema.
* Movie details.

Could have:

* Seat price based on location.
* Reservation info.
* Choose the seat.
* View food.
* Catering info.

Won’t have:

* View reservation seat location.
* Online payment.

Definitions

|  |  |
| --- | --- |
| Embarcadero Rad Studio | RAD Studio is the fastest way to write, compile, package and deploy cross-platform native software applications. |
| VCL | The visual component library is a set of visual components for the rapid development of Windows applications in the Delphi and C++ languages. |
| MVC | Model – view – controller is a software architectural pattern commonly used for developing user interfaces that divide the related program logic into three interconnected elements. |
| OOP | Object-oriented programming is a programming paradigm based on the concept of "objects", which can contain data and code: data in the form of properties, and code, in the form of methods. |
| UI | The user interface. |
| JSON | JSON is a lightweight data-interchange format. It is easy for humans to read and write. It is easy for machines to parse and generate. |
| GIT | Git is a free and open-source distributed version control system designed to handle everything from small to very large projects with speed and efficiency. |
| MoSCoW | The MoSCoW method is a way of setting priorities in, among other things, software engineering. The requirements for the result of a project are classified with it. |