

# **Mobile App Lab 2**

**Magnan Jules**

**Student number: 74528**

**Youtube video :**

<https://youtu.be/kwYhCckWG6Q>

**GitHub :**

**[https://github.com/MagnanJules/lab2\\_74528](https://github.com/MagnanJules/lab2_74528)**

For this project, I employed a navigation controller as taught in the course to ensure smooth transitions between different pages within the application. Utilizing routes facilitated this seamless transition, enhancing user experience. A pivotal aspect of the project involved the creation of a `Movie` class to encapsulate essential movie information. Additionally, to manage movie data persistence during page transitions, I developed a `MovieStore` class.

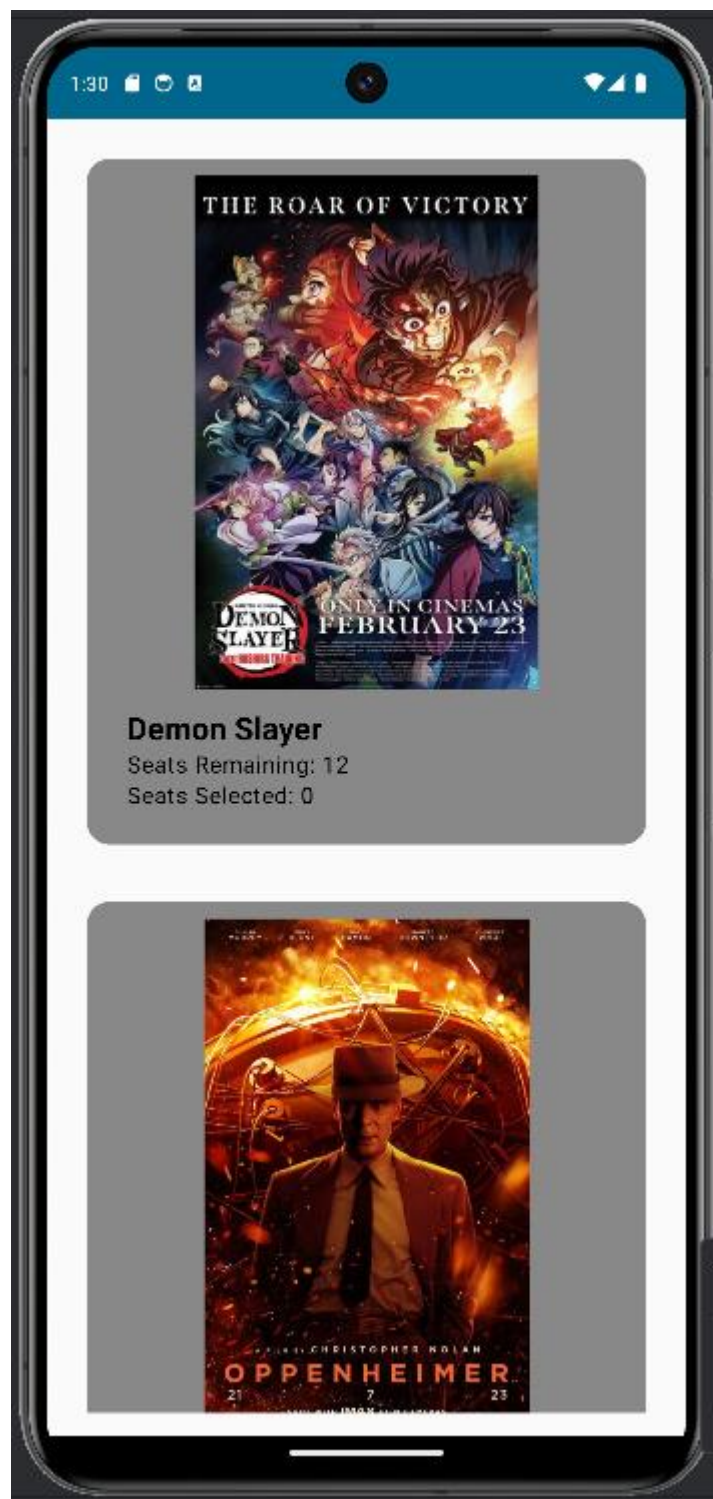
On the home page, I implemented a lazy list to efficiently present movie items. Each item displays the movie poster stored within the app, searchable by the image name (stored as an integer) in the `Movie` class. Additionally, the items prominently feature the movie title in large, bold font. The remaining seats and reserved seats are also displayed, albeit in a medium-sized font.

When the user clicks on an item, they are then transported to the Movie Screen of the film they clicked on. On this page, they can view information about the film such as its description, title, poster, the number of seats they have selected, and the number of remaining seats. At the bottom of the page, there are three buttons:

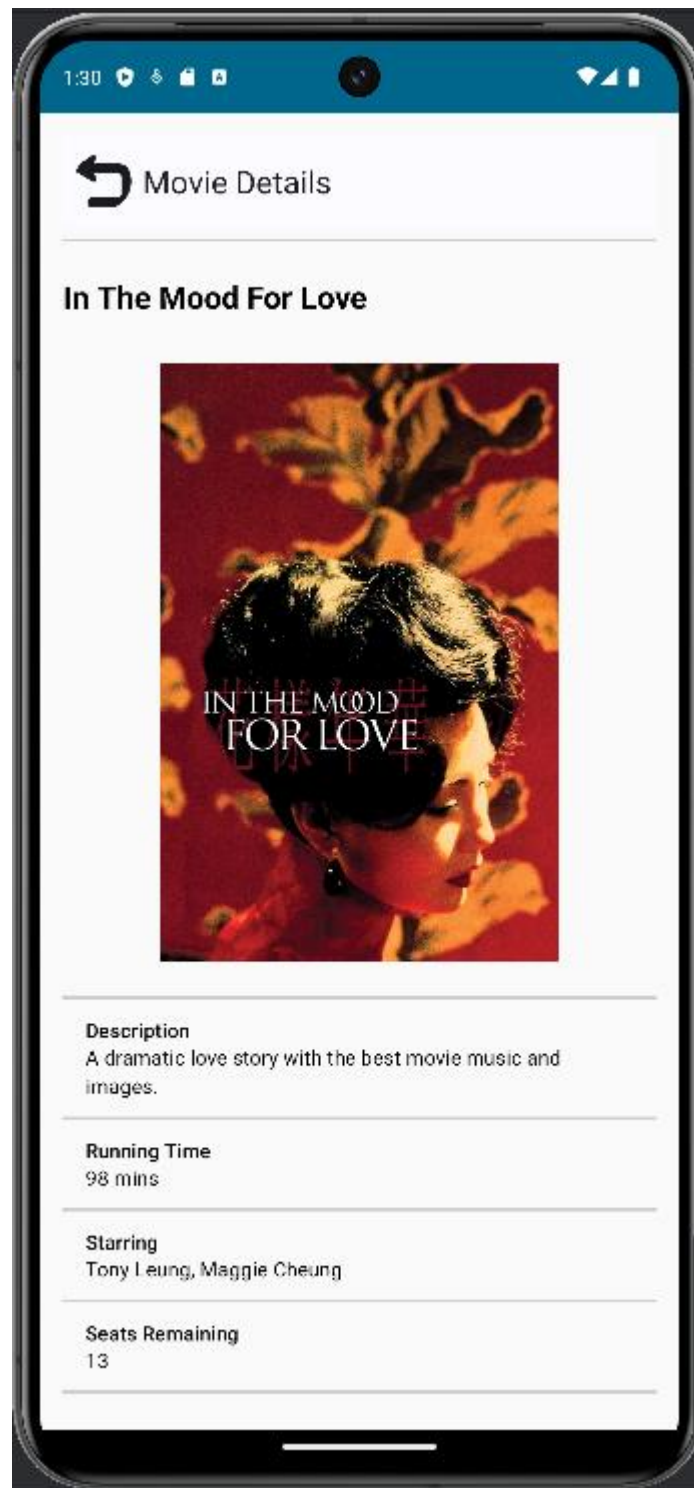
The plus button allows them to reserve a seat, the minus button cancels the reservation of a seat, and the reserve button confirms the desired number of seats. Additionally, there is a return button at the top of the page in case the user wishes to leave the page without selecting any seats. Furthermore, the reserve button also redirects to the homepage where other films are listed.

The Movie Screen is also organized as a lazy list, with a top bar featuring a return button to navigate back to the home page. This design ensures a consistent and intuitive user experience throughout the application.

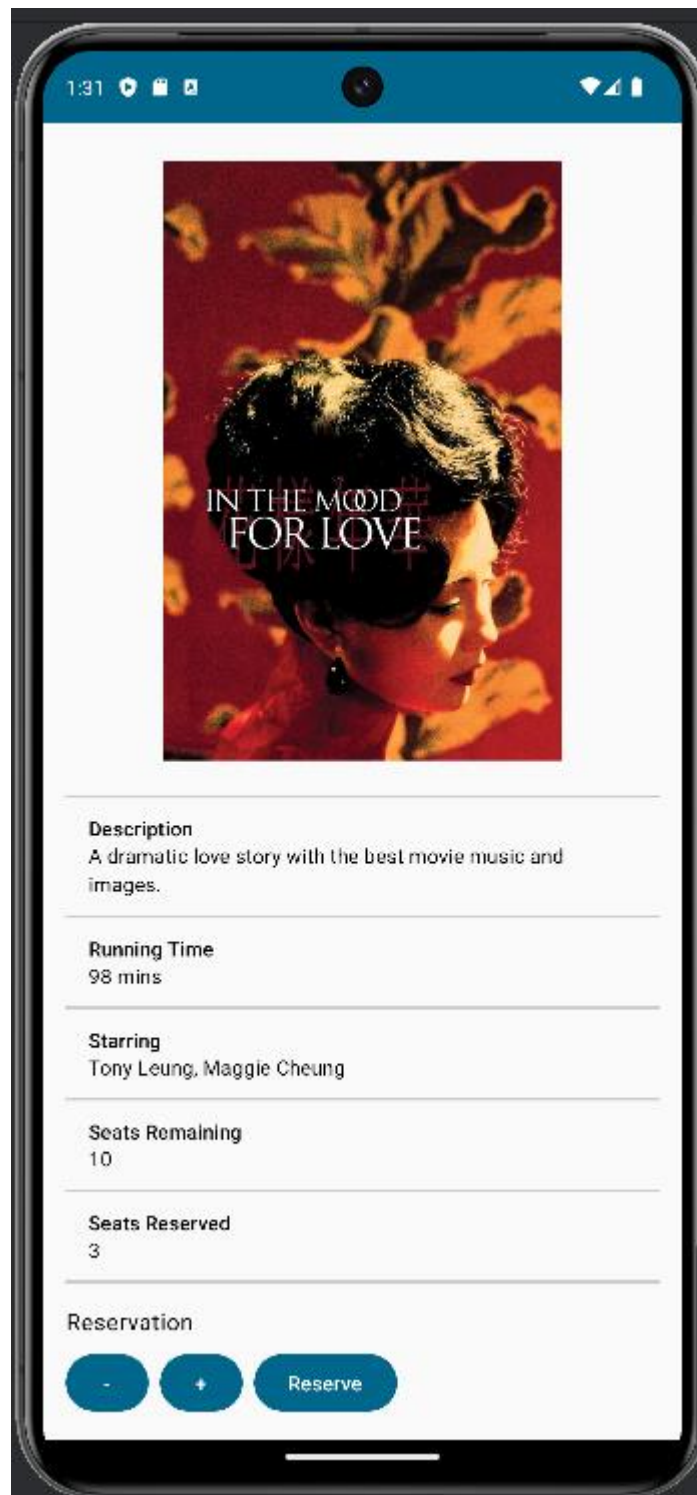
## Home Screen



## Movie Screen



## Reservations Buttons



## Home Screen After Reservations

