

# UML Project

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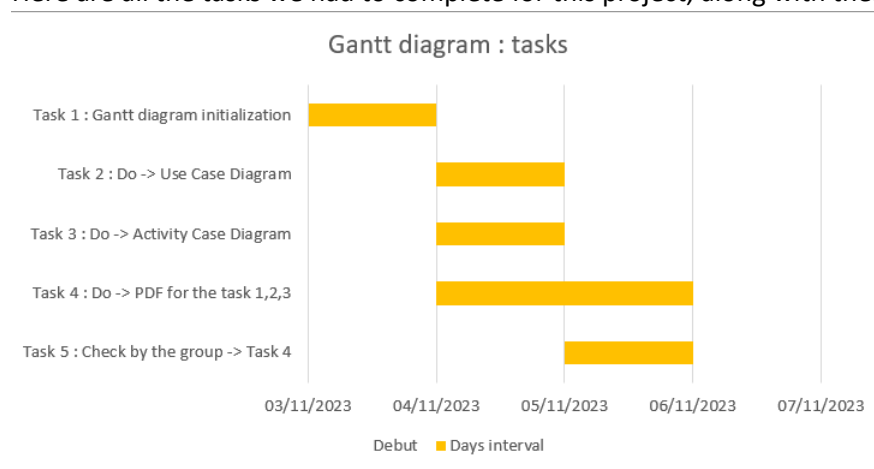
## Topic Description:

Our project is to develop a complete online platform for a cinema.

This platform must meet our vision for everyone, including users, administrators, and content managers. It will be able to have functionalities such as searching for movies, viewing current listings, booking tickets, in order to have an ergonomic platform for users. This is also the case for administrators, helping them in their film management.

## Gantt diagram (Made by Kévin with Excel):

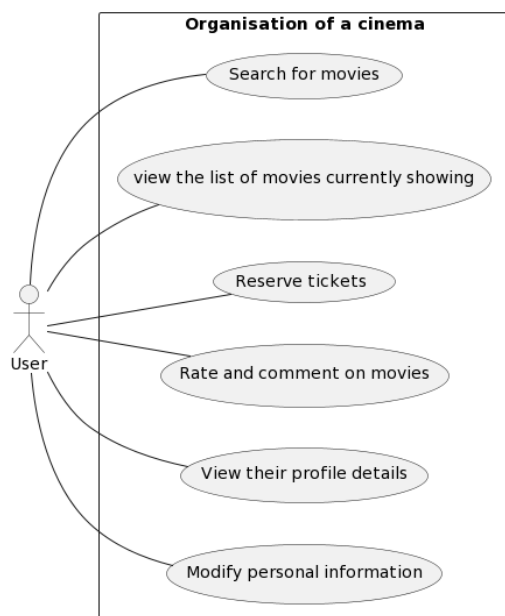
Here are all the tasks we had to complete for this project, along with their deadlines.



## Use Case diagram:

### Use Case Diagram number 1: User (made by Louka)

Illustrations of the various interactions and actions that users can perform on the website including searching for movies, making reservations, rating movies, and managing their profiles.



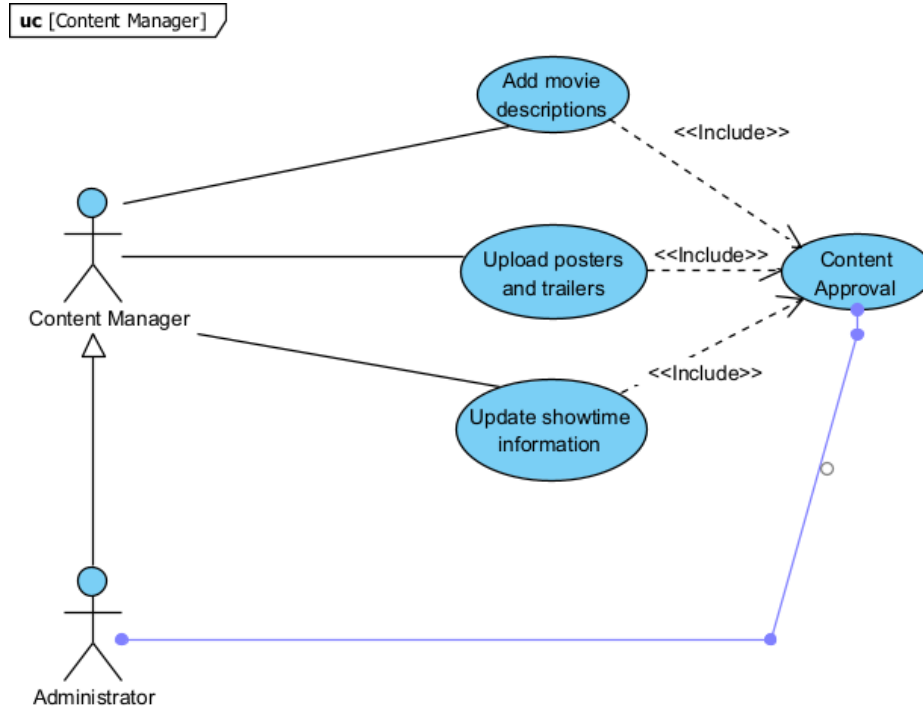
### Use Case Diagram number 2: Administrator (Made by K vin)

Illustrations of the responsibilities and interactions of administrators, including managing movie listings, showtimes, user accounts, and overseeing site statistics.



### Use Case Diagram number 3: Content Manager (Made by Anis)

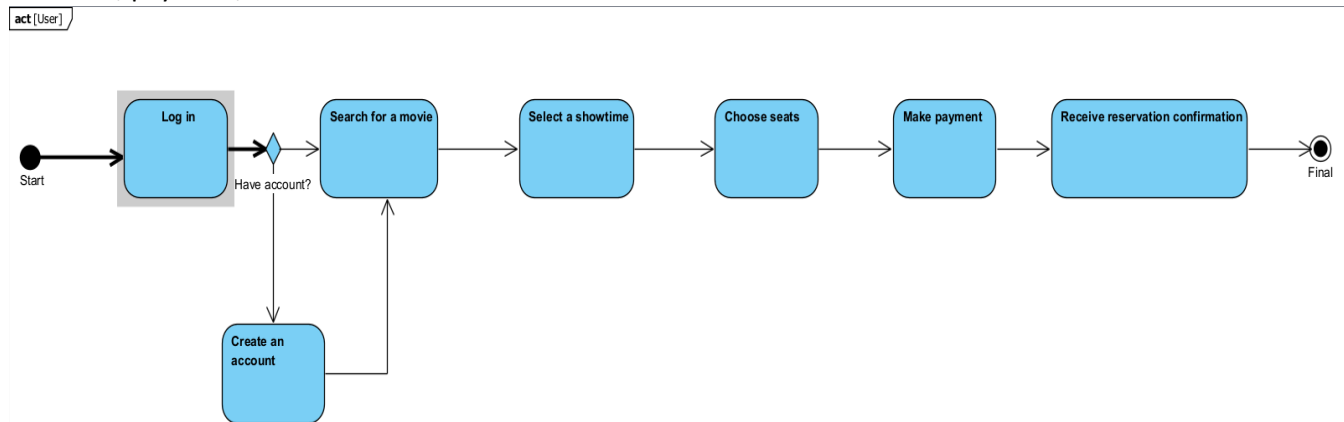
This diagram shows the roles and functions of content managers. Content managers can add movies descriptions, uploading posters and trailers, and maintaining showtime information. Each action must be approved by an administrator.



## Activity diagram:

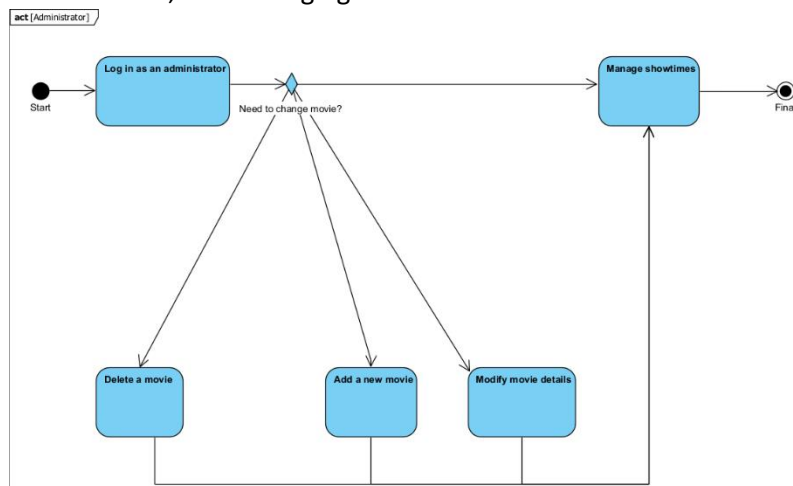
### Activity Diagram number 1: User ticket reservation (Made by Louka)

Details the steps involved in the user's ticket reservation process, including login, movie search, seat selection, payment, and confirmation.



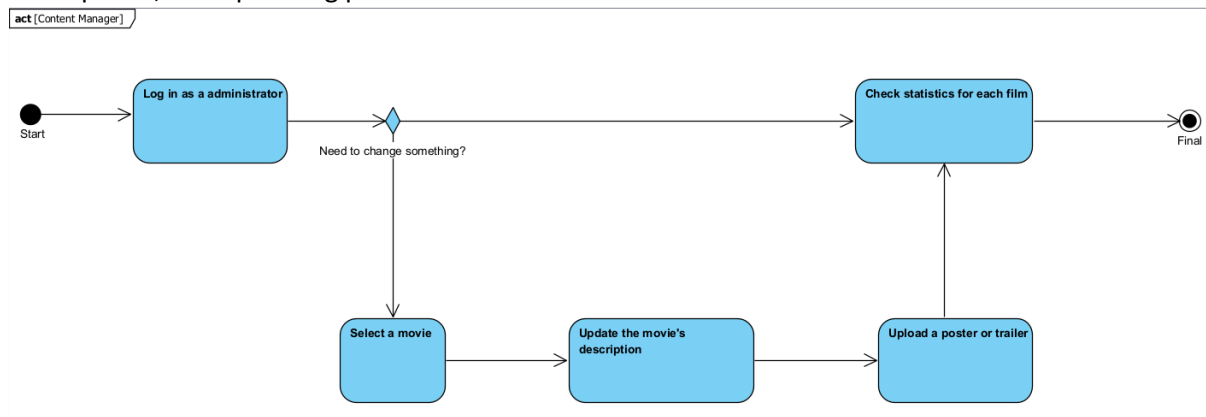
### Activity Diagram number 2: Administrator Management (Made by Kévin)

Provides all the actions for administrators, covering tasks like login, adding new movies, modifying movie details, and managing showtimes.



### Activity Diagram number 3: Content Manager Update (Made by Anis)

Shows the content manager's activities, which include their login, selecting a movie, updating movie descriptions, and uploading posters or trailers.



## **Conclusion :**

The commencement of this project has set a strong foundation for what promises to be an exciting online platform.

All these initial diagrams will serve as references, ensuring that the project remains aligned with its goals and objectives. With a clear vision and structured plan, our project is well on its way to becoming a user-friendly and dynamic platform.