2026 / L3-HUNGARY

AWP – Project PopcornReview

Members

1. MICHALAK Mehdy
2. POUYAT Adrien

Description :

In the era of digital entertainment, movies have taken center stage as a primary source of leisure and cultural engagement. When people want to do a critical analysis, or simply share opinions, they are increasingly turning to websites dedicated to movie ratings and reviews. A website where users can rate movies is a dynamic online platform designed to foster a community of film enthusiasts, critics, and casual viewers alike. This digital space serves as a hub for movie lovers to discover, discuss, and evaluate films of various genres, eras, and cultural backgrounds.
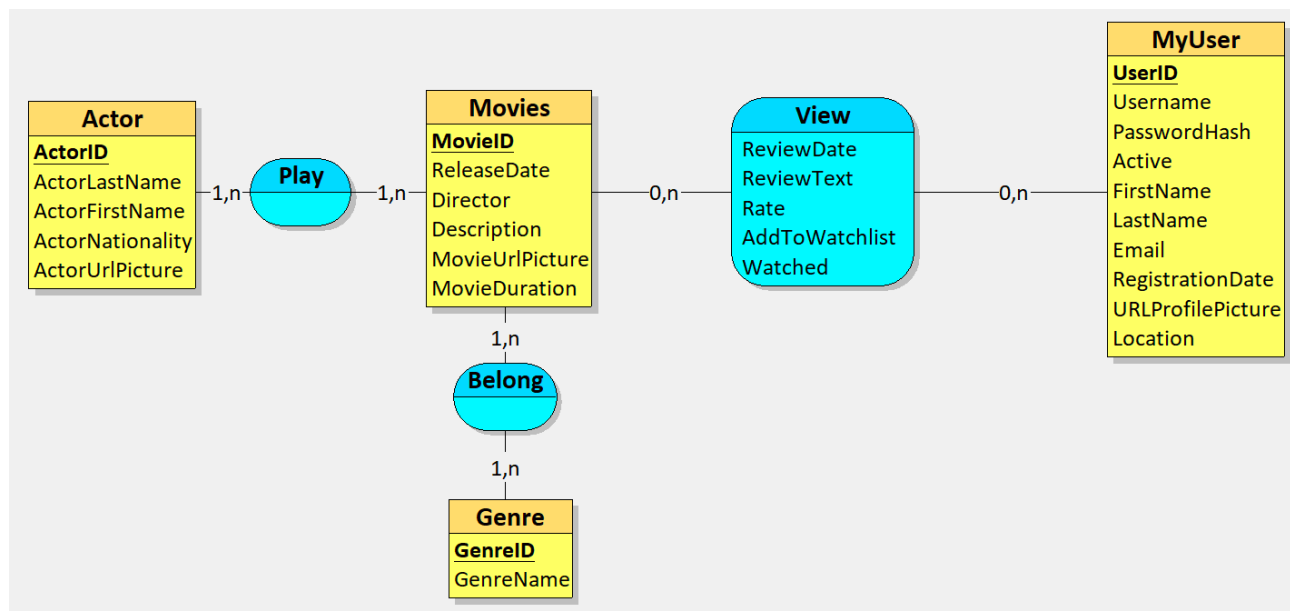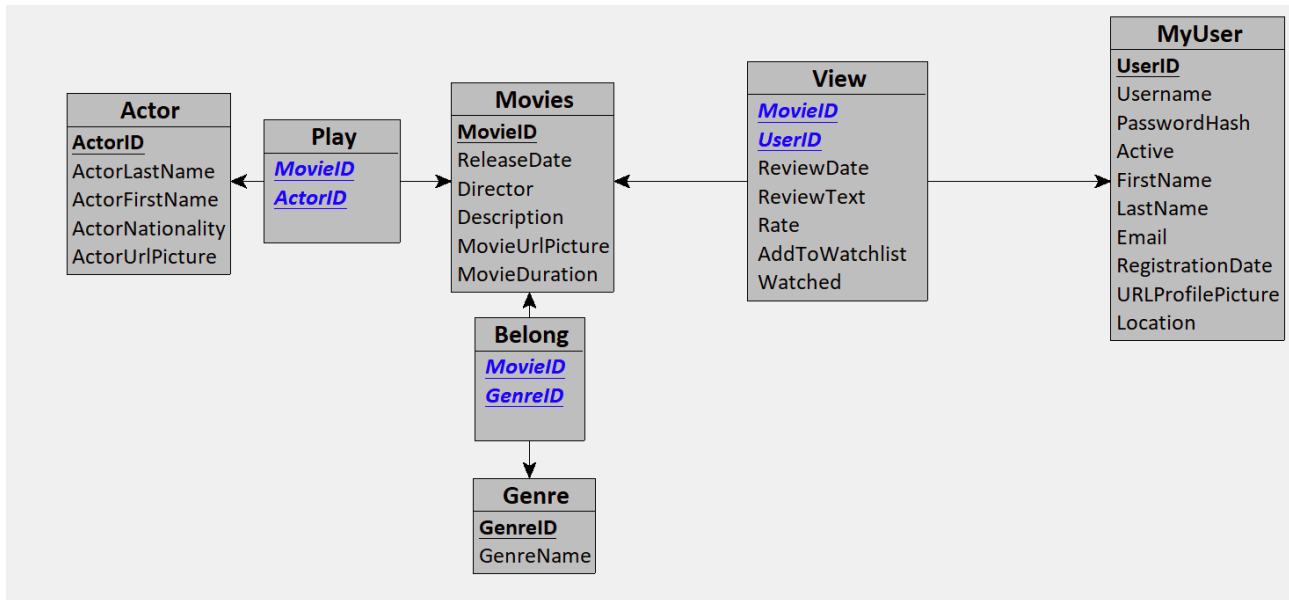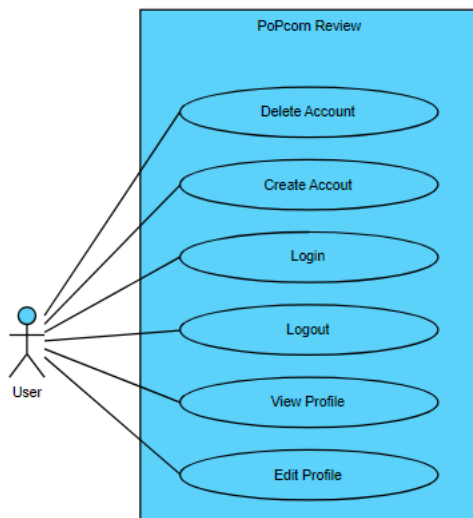
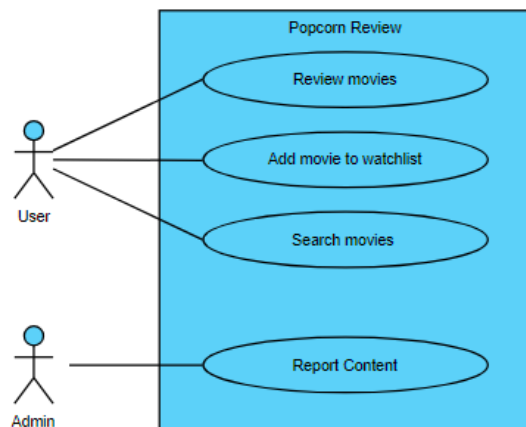## Entity Relationship :

Table Structure

Actor
ActorID
ActorLastName
ActorFirstName
ActorNationality
ActorUrlPicture

Play
MovieID
ActorID

Movies
MovieID
ReleaseDate
Director
Description
MovieUrlPicture
MovieDuration

Belong
MovieID
GenreID

Genre
GenreID
GenreName

View
MovieID
UserID
ReviewDate
ReviewText
Rate
AddToWatchlist
Watched

MyUser
UserID
Username
PasswordHash
Active
FirstName
LastName
Email
RegistrationDate
URLProfilePicture
Location

Use-cases :

Adrien :

PoPcorn Review

Delete Account
Create Accout
Login
Logout
View Profile
Edit Profile

User

Mehdy :

Popcorn Review

Review movies
Add movie to watchlist
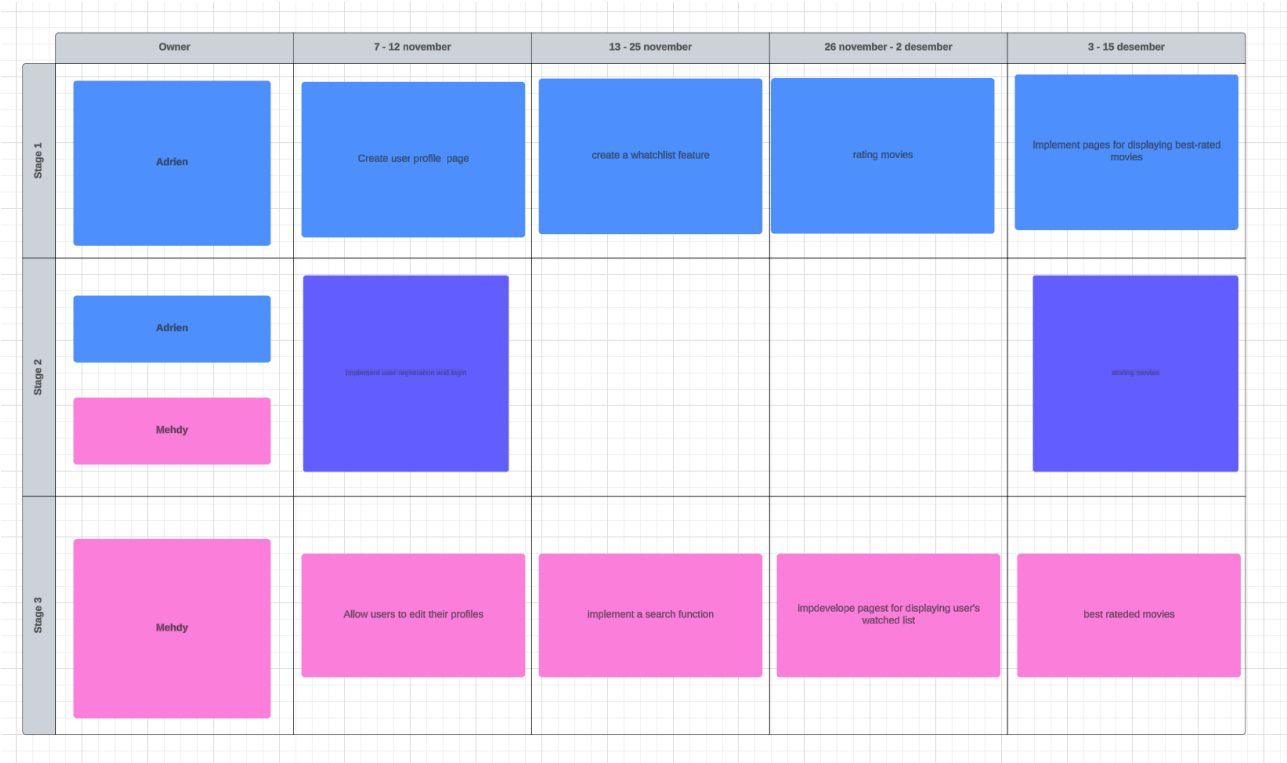Search movies
Report Content
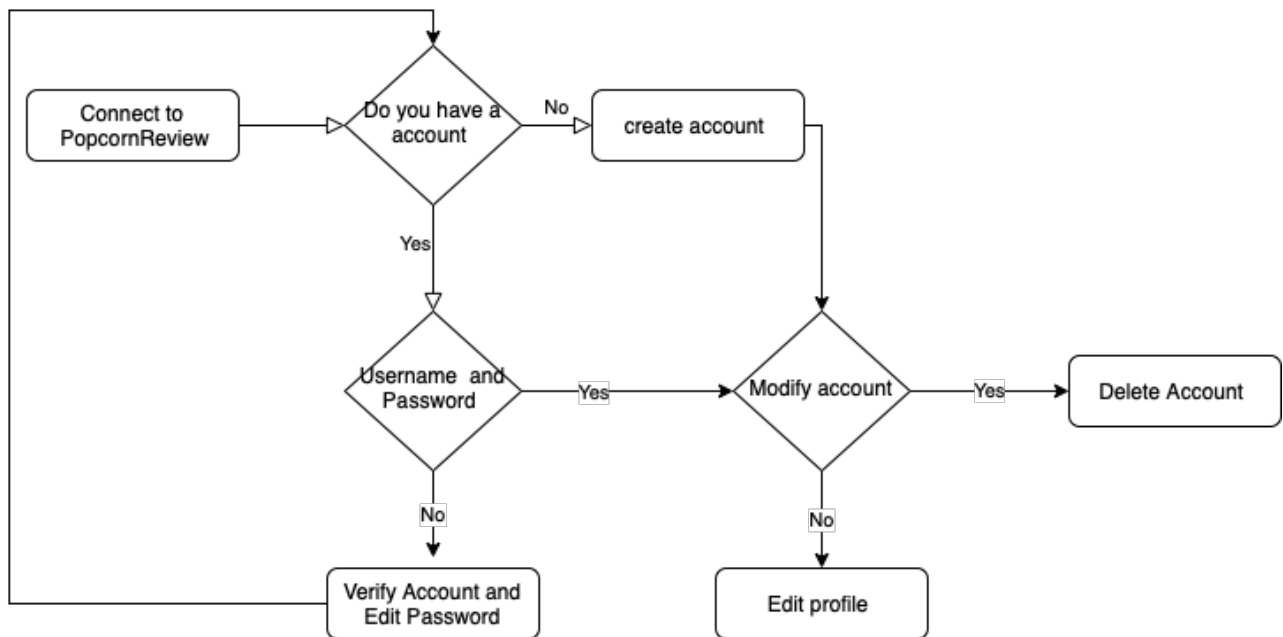
User
Admin

Global :

Gantt :

Activities :

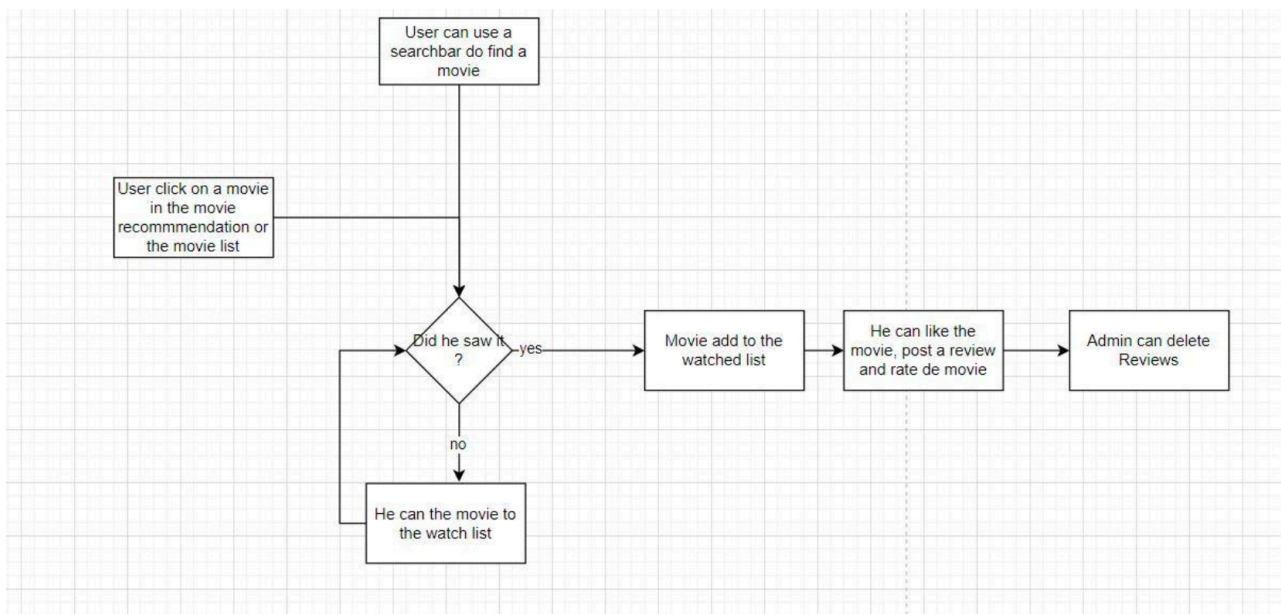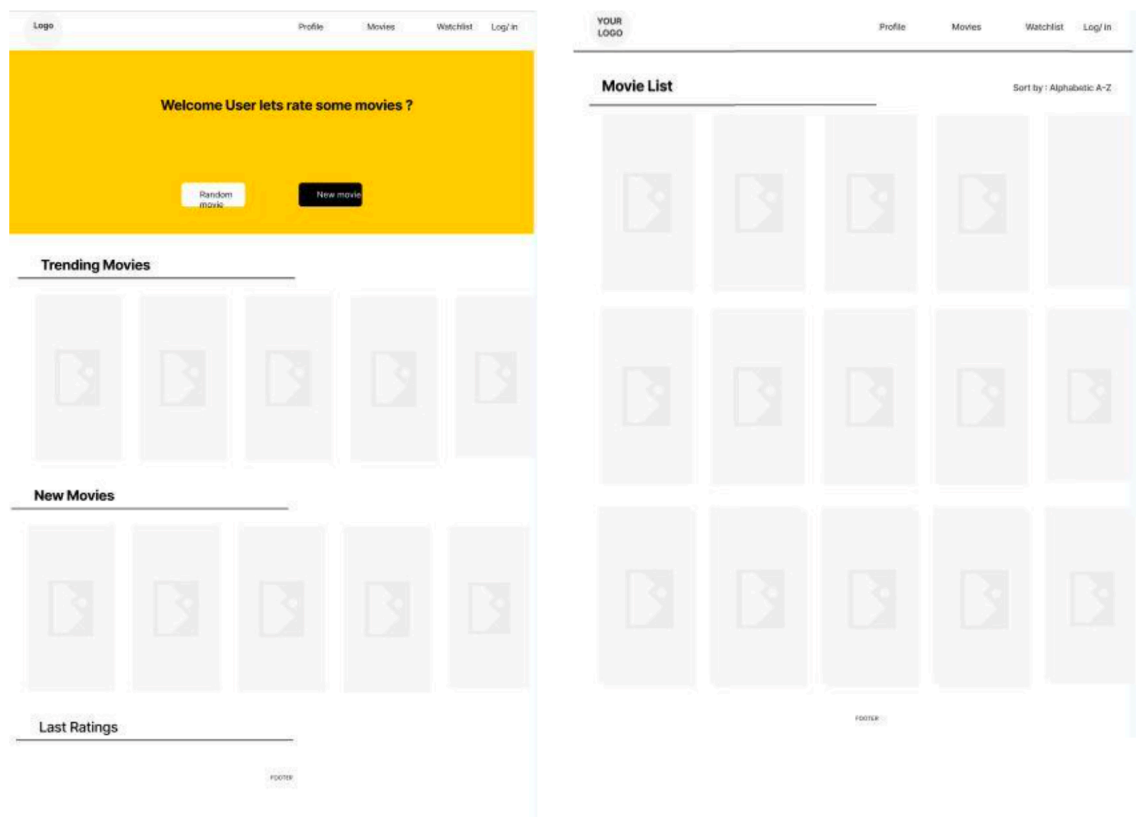### Adrien :

Connect to the website.
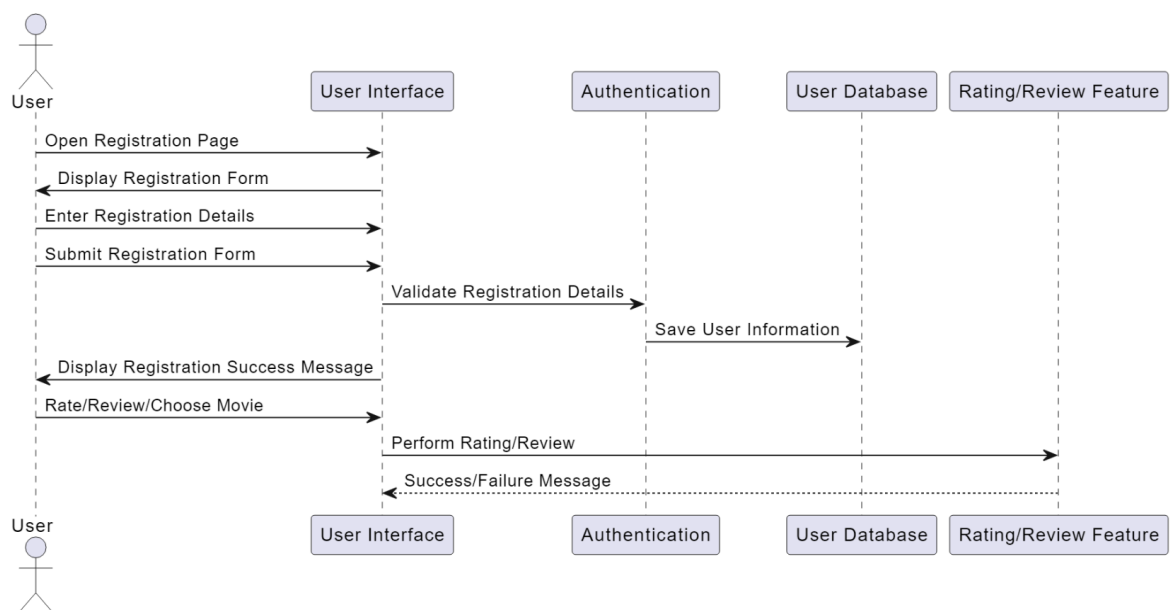
Mehdy :

Possible action as a User.

Wireframes :

UML : Diagram and wireframe

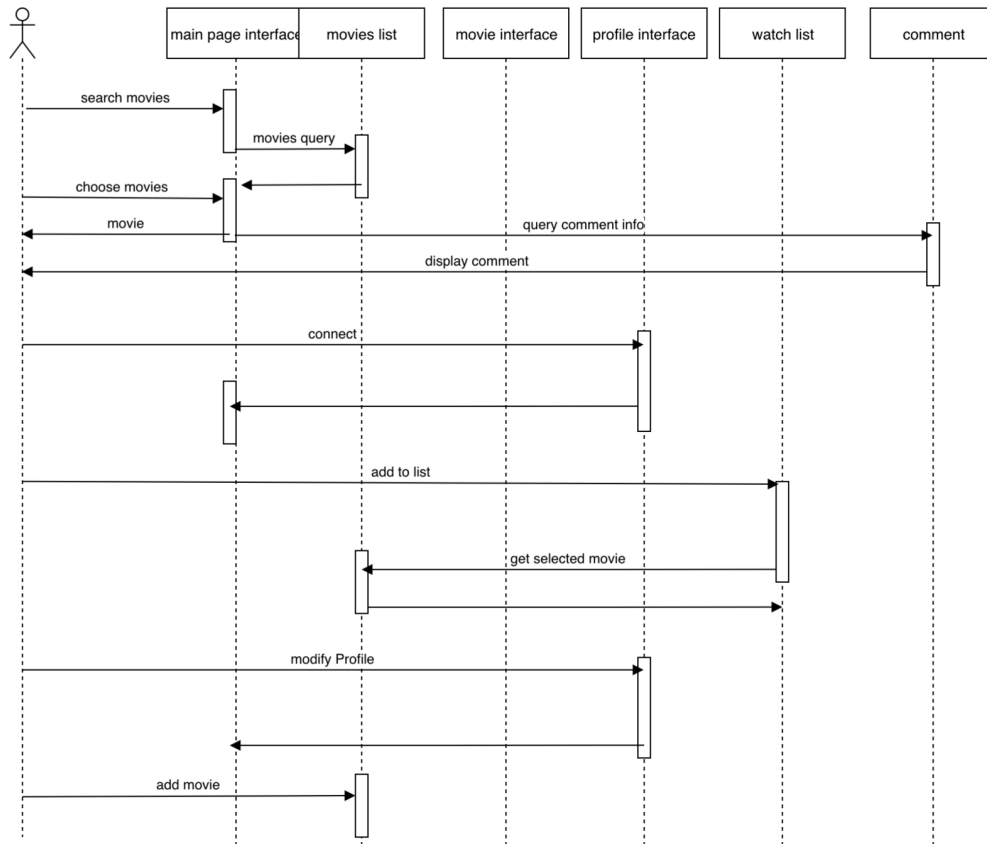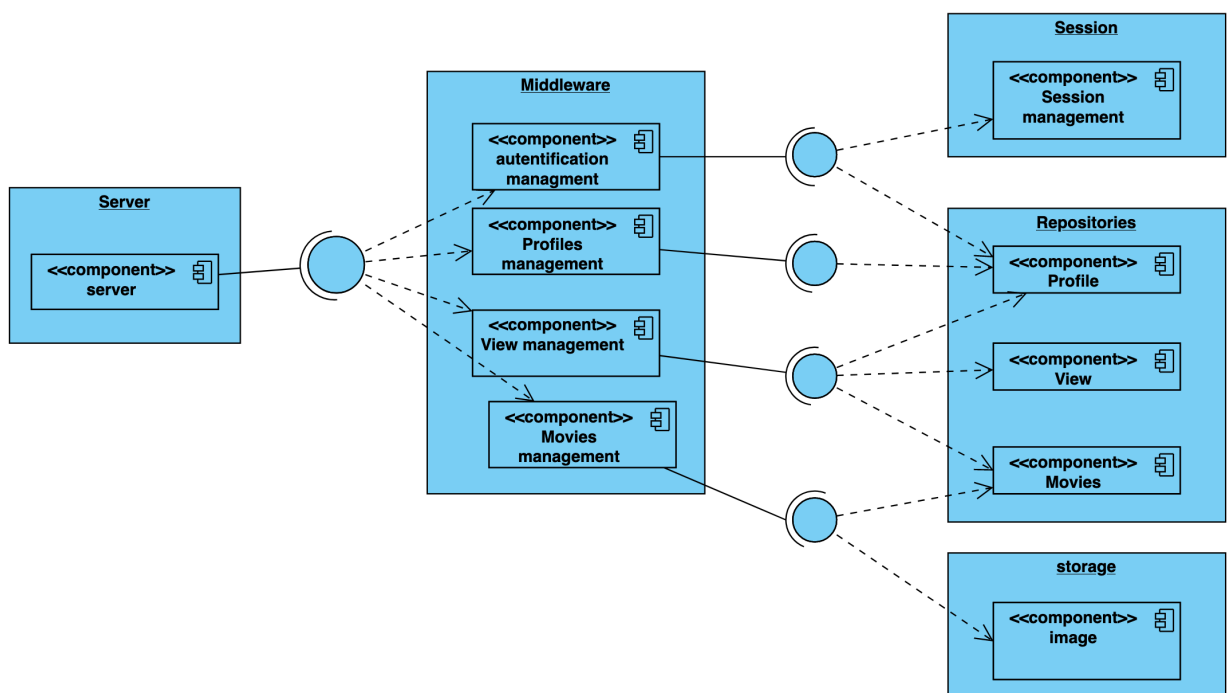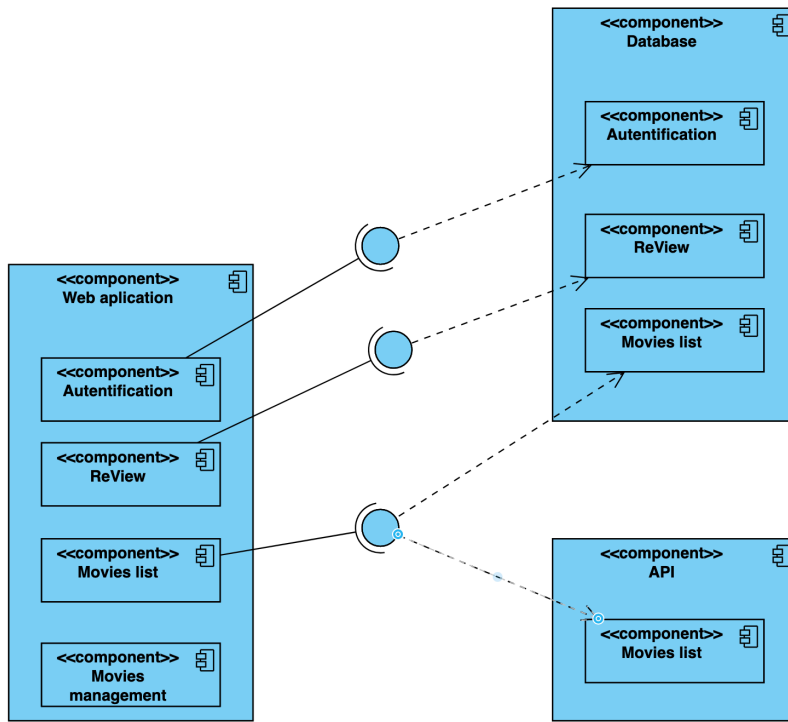
Sequences :

Mehdy :

Adrien :

Components :

Component Diagram

<<component>> Database

- **<<component>> Autentification**
- **<<component>> ReView**
- **<<component>> Movies list**

<<component>> Web aplication

- **<<component>> Autentification**
- **<<component>> ReView**
- **<<component>> Movies list**
- **<<component>> Movies management**

<<component>> API

- **<<component>> Movies list**

CLASSES :

Actor

ActorID : int
ActorLastName : String
ActorFirstName : String
ActorNationality : String
ActorUrlPicture : BLOB
+ getactorID(): Int
+ getActorLastName(): String
+ getActorFirstName(): String
+ getActorNationality(): String
+ getActorUrlPicture() : BLOB
+ setactorID(actorID: Int) : Void
+ setActorLastName(first_nam : String) : Void
+ setActorFirstName(last_nam : String) : Void
+ setActorNationality(nationality : String) : Void
+ setActorPicture(A_picture : BLOB) : Void

View

ReviewID : int
ReviewDate : DATE
Review : int
addtowatchlist : bool
watched : bool
+ getReviewID(): Int
+ getrReviewdate(): DATE
+ getreview(): int
+ getaddtowatchlist(): bool
+ getWatched() : BLOOL
+ setReviewID(ReviewID: Int) : Void
+ setReviewDate(ReviewDate : DATE) : Void
+ setReview(Review : int) : Void
+ setaddtowatchlist(addtowatchlist : bool) : Void
+ setwhatched(Watched : BLOOB) : Void

Movies

MovieID : int
ReleaseDate : DATE
Director : String
Description : String
MovieUrlPicture : BLOB
MovieDuration : int
+ getmovieID(): Int
+ getrelaesedate(): DATE
+ getdirector(): String
+ getdescription(): String
+ getmovieUrlPicture() : BLOB
+ getduration(): int
+ setMovieID(MovieID: Int) : Void
+ setreleaseDate(ReleaseDate : DATE) : Void
+ setdirector(first_nam : String) : Void
+ setdescription(last_nam : String) : Void
+ setmoviepicture(A_picture : BLOB) : Void
+ setduration(duration : int) : Void

Genre

GenreID : int
GenreName : String
+ getGenreID : int
+ getGenreName : String
+ setGenreID(GenreID : int) : Void
+setGenreName(GenreName : String) : void