



PIGL  
GROUP V

# THE MOVIE LAB

Notre projet consiste à développer un logiciel exploitant l'API de The Movie Database (TMDB) dans le but de proposer une plateforme complète dédiée à la recherche et à la gestion d'informations sur les films.





# Notre groupe

Group V



AMINE  
FOUFA

RIAD  
SABRA

MOHAMAD  
SALMAN

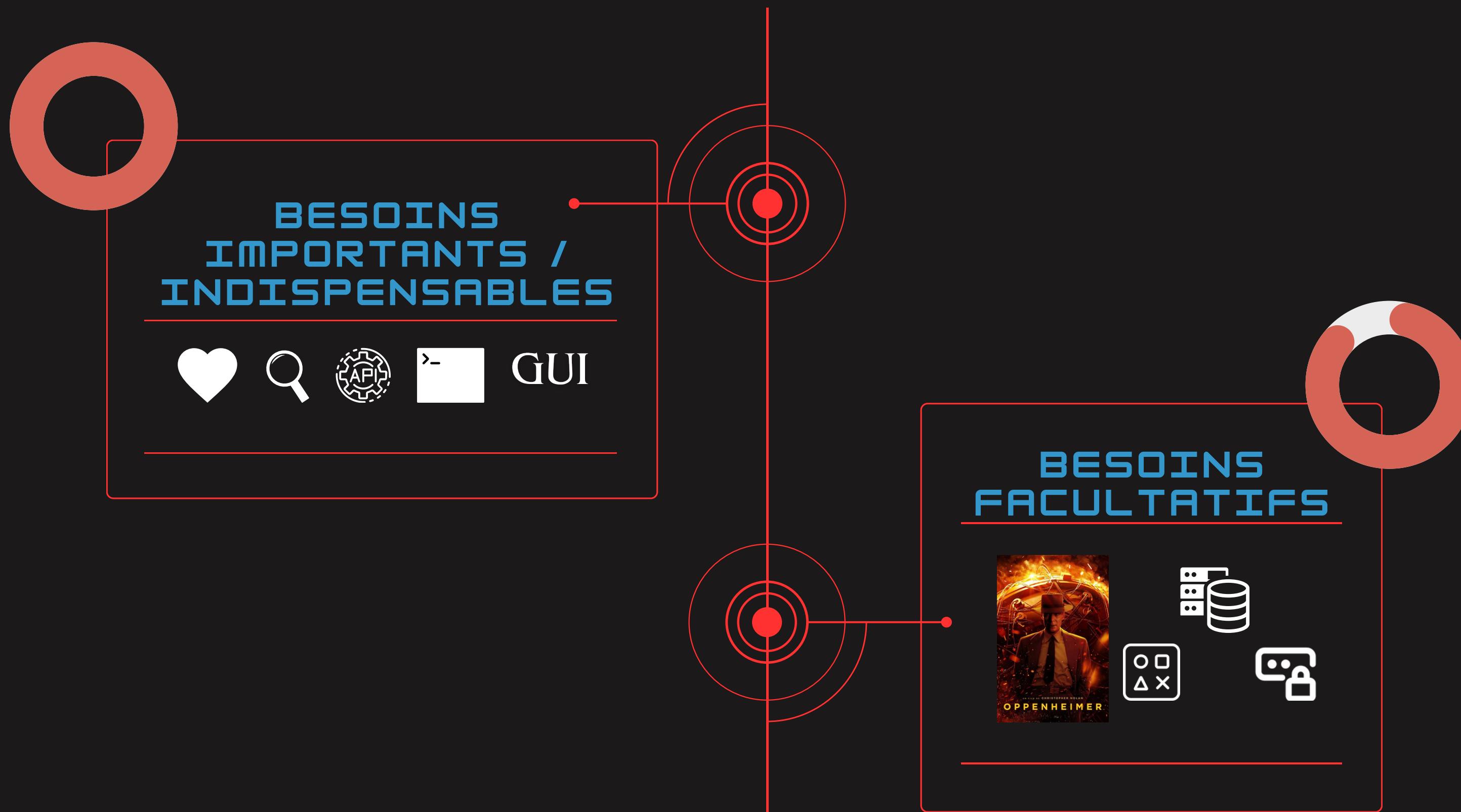
NOUHAILA  
BELHMARA

HOUSSEM  
EDDINE ARBIA



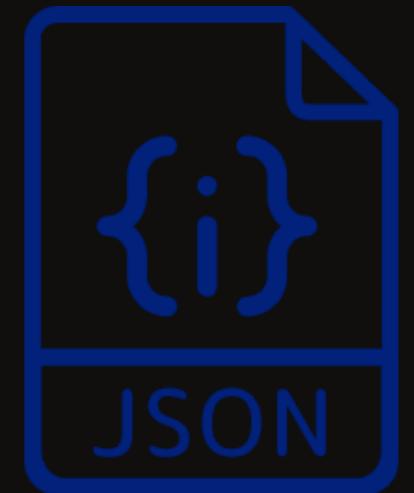


# Cahier des charges





Java



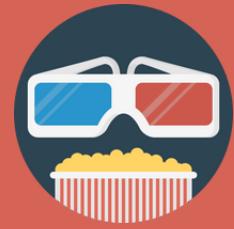
mockito  
mockito



Langages

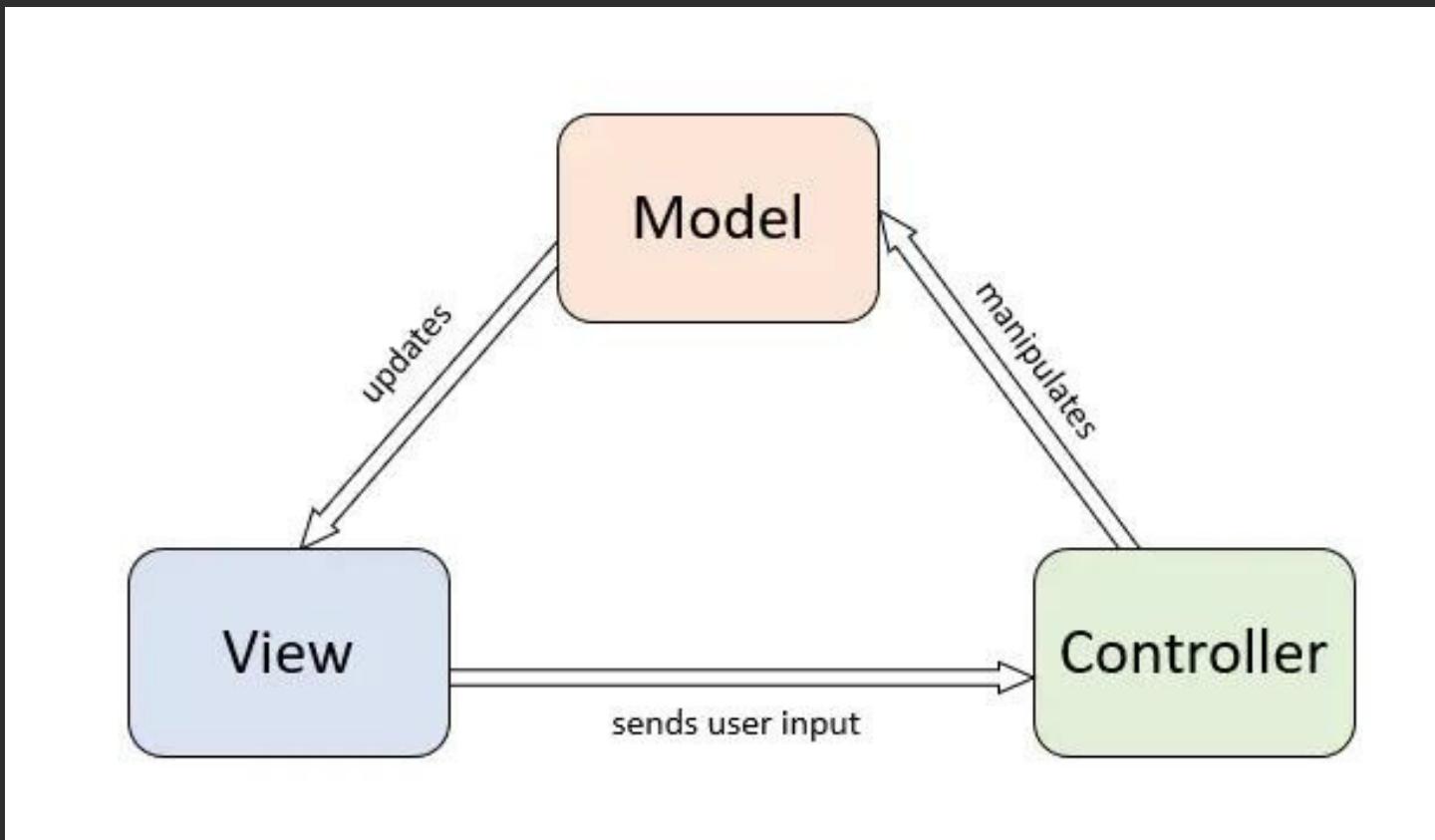
Logiciels utilisés



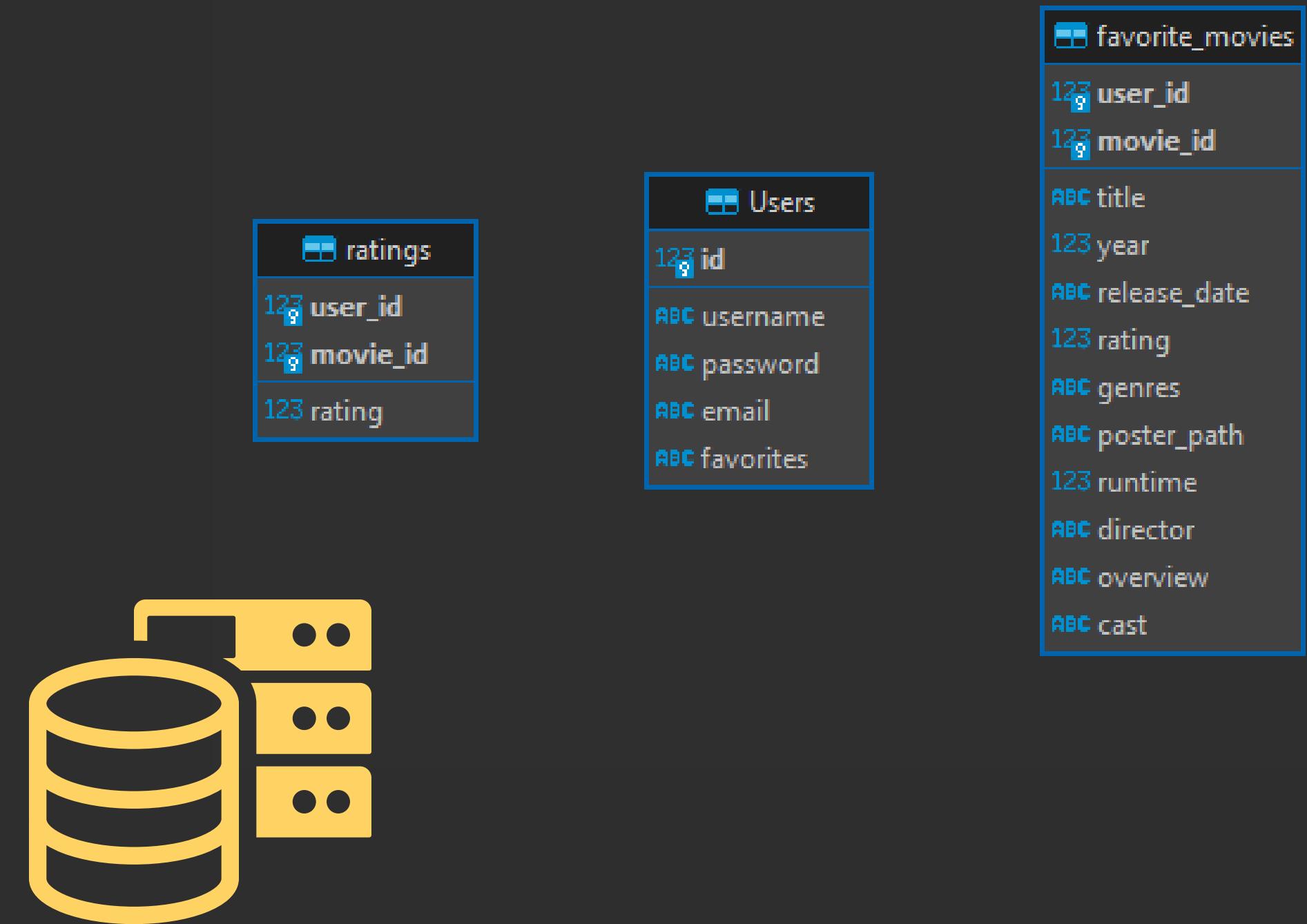


# Conception et organisation

## Architecture MVC



## Base de données relationnelle





# Nos écrans

Search... Title

Your List:

Categories

Your list

Pirates of the Caribbean: Dead Man's Chest Gore Verbinski Adventure, Fantasy, Action 7.297

Harry Potter and the Prisoner of Azkaban Chris Columbus Adventure, Fantasy 7.915

Avengers: Infinity War Anthony Russo, Joe Russo Adventure, Science Fiction, Thriller 8.249

Wonka Paul King Comedy, Family, Fantasy 7.2

Badland: Hunters Heo Myeong-han, Lee Chang-dong Science Fiction, Action, Drama 6.755

Land of Bad William Eubank Comedy, Thriller, War 7.362

Kung Fu Panda 4 Mike Mitchell Action, Adventure, Animation 0.0

Miller's Girl Jade Hallee Bartlett Drama, Thriller 6.665

celine

Disconnect

Search... Title

Choose a category to discover movies:

Action Adventure Animation Comedy Crime Documentary Drama

Family Fantasy History Horror Music Mystery Romance

Science Fiction Thriller War Western

celine

Disconnect

**Harry Potter and the Ph... 2001**

16/11/2001 Adventure, Fantasy 2h 32m

Overview

Harry Potter has lived under the stairs at his aunt and uncle's house his whole life. On his eleventh birthday, he learns he's a powerful wizard with a place waiting for him at the Hogwarts School of Witchcraft and Wizardry. As he learns to harness his newfound powers, the school's kindly headmaster, Harry uncovers the truth about his parents' death and about the villain who's to blame.

Casting

Daniel Radcliffe, Rupert Grint, Emma Watson, Richard Harris

By : Chris Columbus

★★★

**Registration**

GROUP V

Username...  
Password...  
GO !

Email  
Username  
Password  
GO !

Already have one ? Login :

LOGIN

Register now !

# Main Features



ALL CATEGORIES  
ONE CLICK AWAY



MOVIES DETAILS AND A  
WONDERFUL RATING SYSTEM



FAVORITES LIST

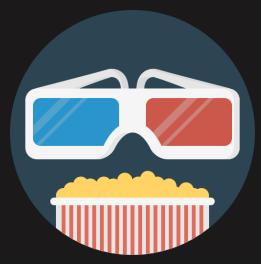


A TARGETED SEARCH



SAFE LOGIN/REGISTER  
FORM, SIMILAR MOVIE  
BASED ON YOUR FAV LIST





# Bonus

## Checklist

- Lecture des données en format JSON.
- Gestion de la liste de favoris.
- Navigation dans le menu en ligne de commande.
- Affichage de données en ligne de commande.
- Utilisation de l'API pour récupérer les données.
- Affichage de données dans une interface graphique.
- Implémentation d'un ou deux (ou plus suivant votre avancement) lots supplémentaires.
  - Films d'un réalisateur Liste de tous les films produits par un réalisateur. Permettre de cliquer sur le nom d'un réalisateur pour ouvrir cette interface.
  - Pictogrammes: Représentation graphique d'une affiche de film.
  - Recommandations simples: suggère des films similaires à ceux des favoris.
  - Autres idées à proposer au client.

README.md

## MoviesApp

The Movie Lab

The Movie Lab - PIGL Project Group V  
Cahier des charges

### About The Project

Horror Movies:

The movie lab is a student project from the University of Marseille for the PIGL teaching unit.

#### Our Team

- Amine FOUFA
- Houssem Eddine ARBIA
- Riad Sabra
- Mohamed SALMAN
- Nouhaila BELHMARAA

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#### Built With

- JAVA
- JAVAFX
- SCENEBUILDERR
- INTELLIJ
- GRADLE
- SQSLITE

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#### Getting Started

To get a local copy up and running follow these simple example steps.

#### Prerequisites

You'll need Java 11 or higher to run the application. You can download it from [Java.com](#) And for the development, you can use IntelliJ IDEA, it's a great IDE for Java development. You can download it from [IntelliJ.com](#)

After that you can pull the project from the repository and open it with IntelliJ IDEA. Use the Run button to start the application. ENJOY !

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#### Usage

You can use this app to search for movies, add them to your favorites, and rate them. Get similar movies and more.

# Notre retour sur le projet

Ce que le projet nous a apporté



ÉVOLUTION DES COMPÉTENCES

GESTION DU TEMPS

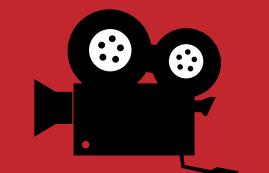
PLANIFICATION ET ORGANISATION

FLEXIBILITÉ ET ADAPTABILITÉ

COMMUNICATION ET COORDINATION

COLLABORATION EFFICACE

FIN DE LA PRÉSENTATION





Démonstration

