

StreamR

Personalized Movie Database

TEAM MEMBERS:

201801042 - Yash Ghaghada

201801091 - Tipsi Jadav

201801114 - Sudhanshu Mishra

MENTOR:

Ami Pandat

INSTRUCTOR:

JayPrakash Lalchandani



Today's Topics

Here are the topics we are going to cover:

- Project Background
- Perspective
- Project Plan
- System Design
- Development
- Testing
- System Architecture
- Open Issues
- Future Enhancements



Project Background

INTRODUCTION

- Dynamic Movie Database
- One-stop destination for the user

RELEVANT INFO

- Case Study: IMDb and Rotten Tomatoes
- TMDb API

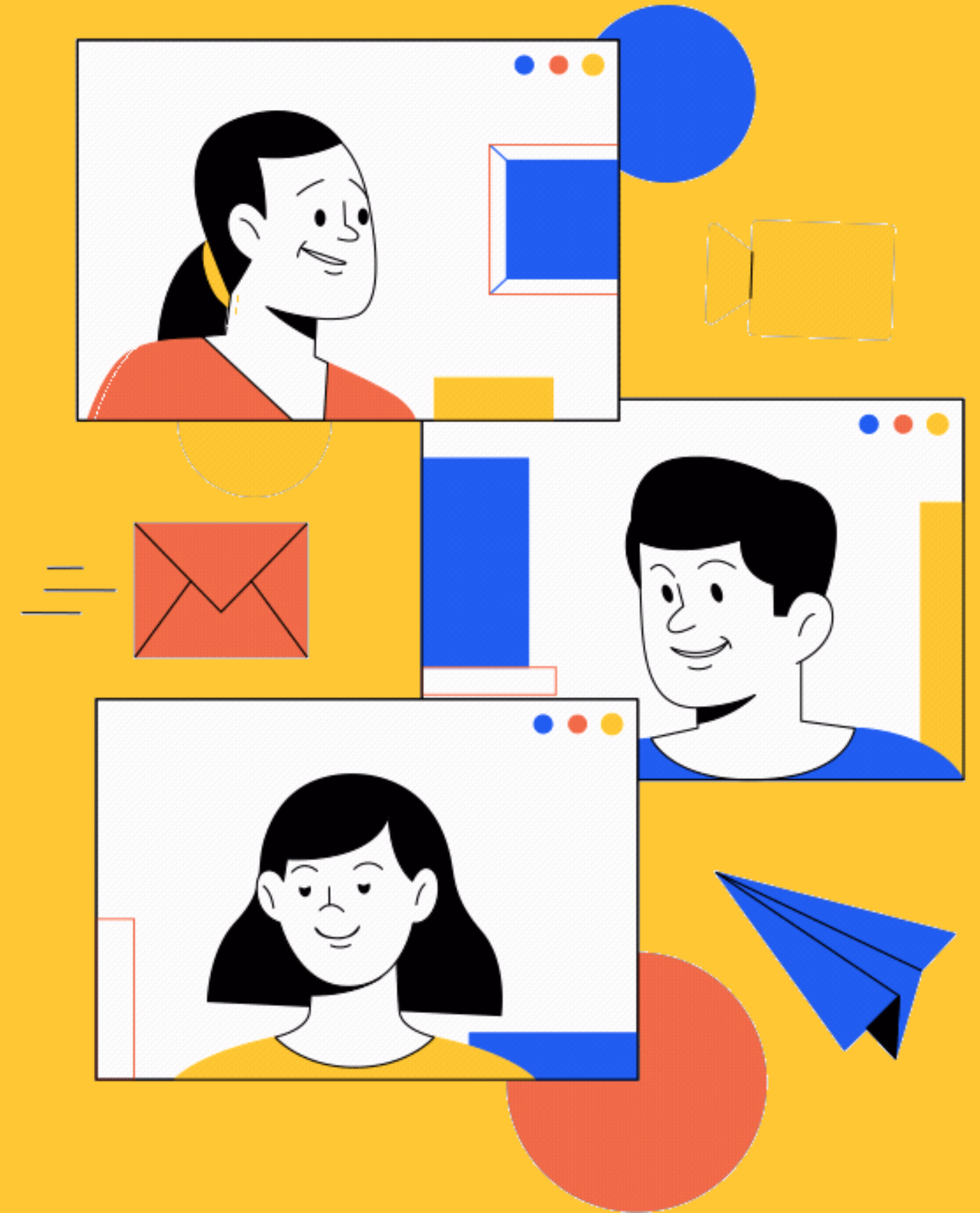
PERSPECTIVE

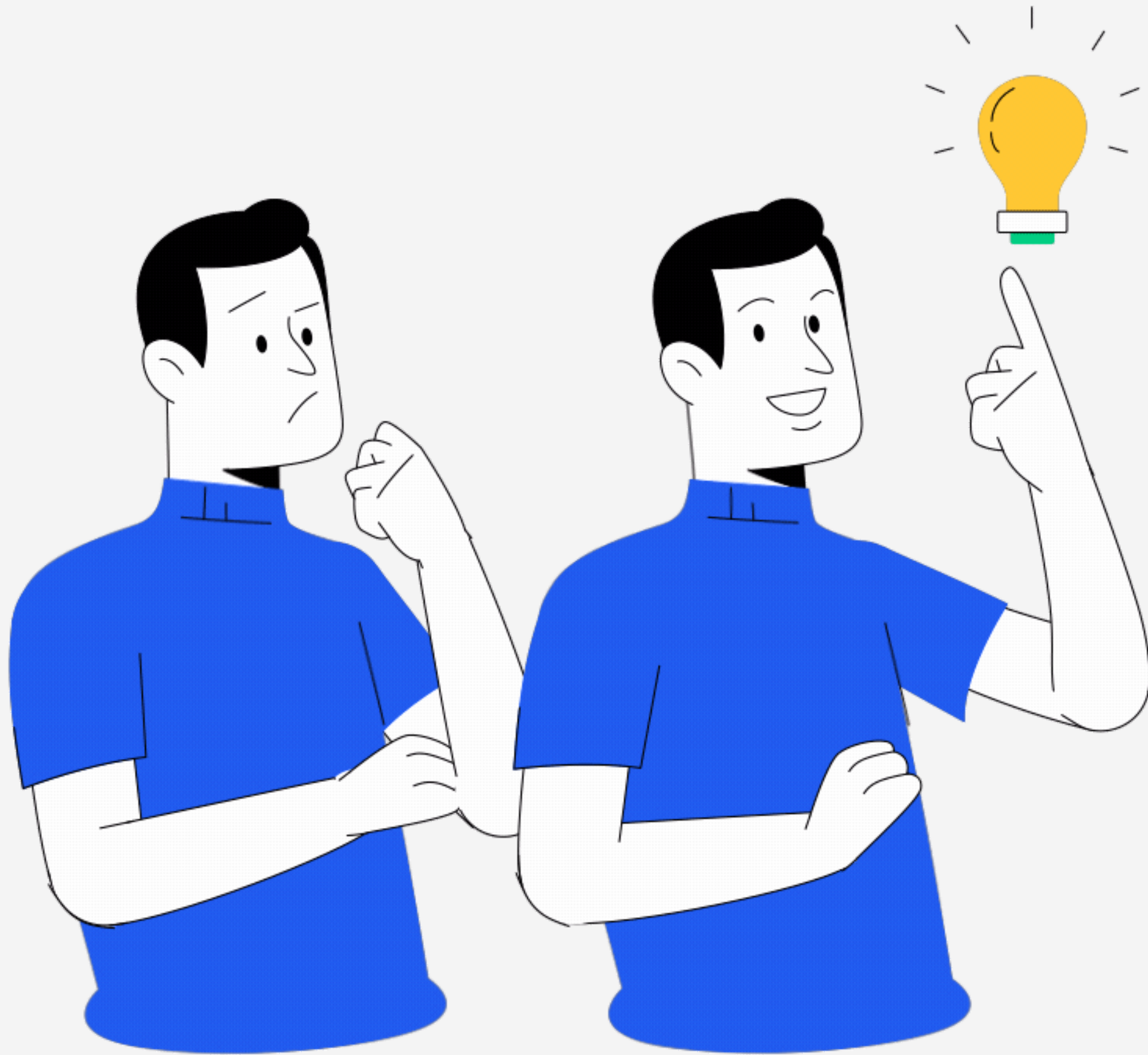
END-USERS

- Cinema lovers
- Film critics
- Data miners
- 3rd party softwares/websites

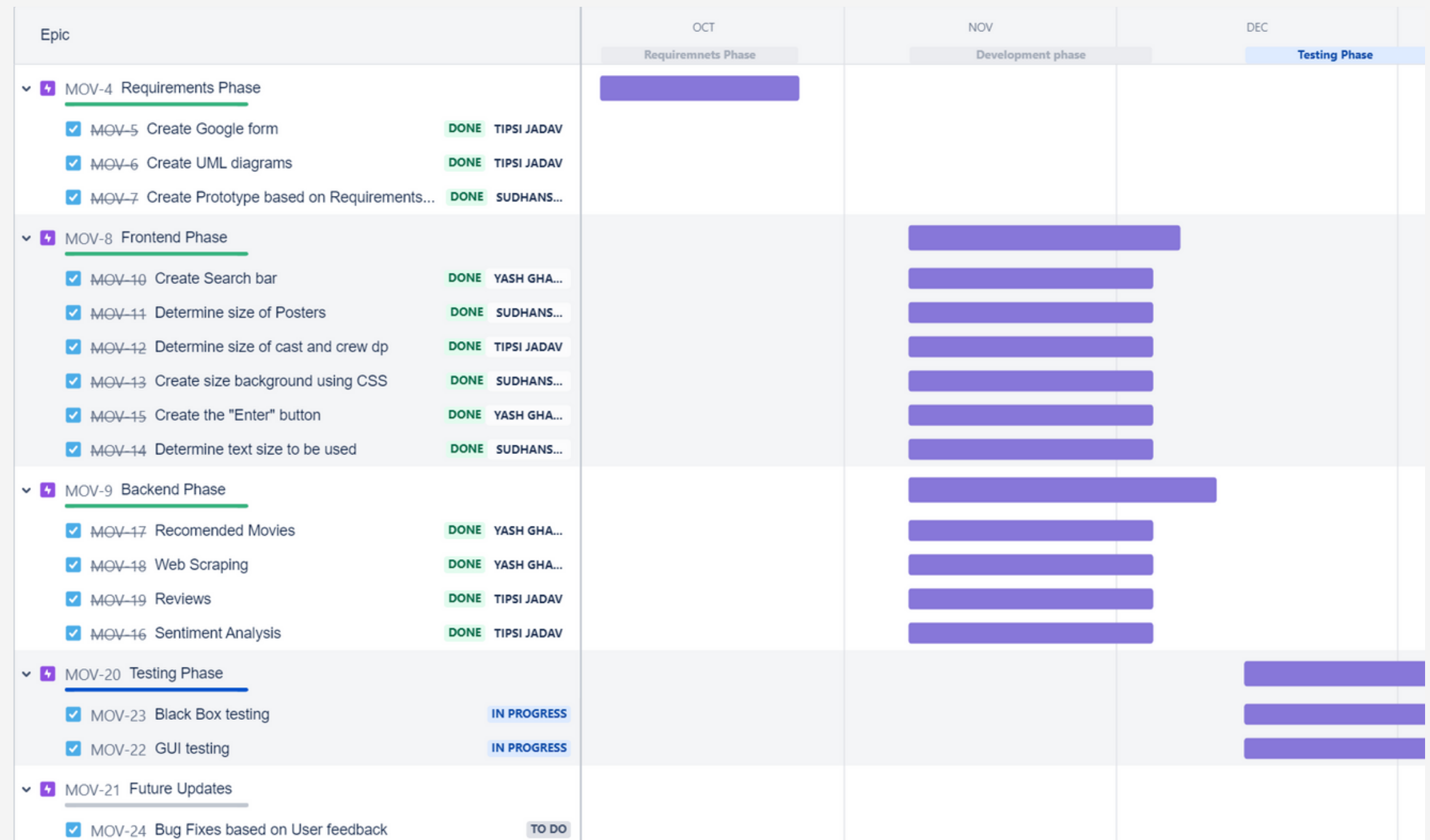
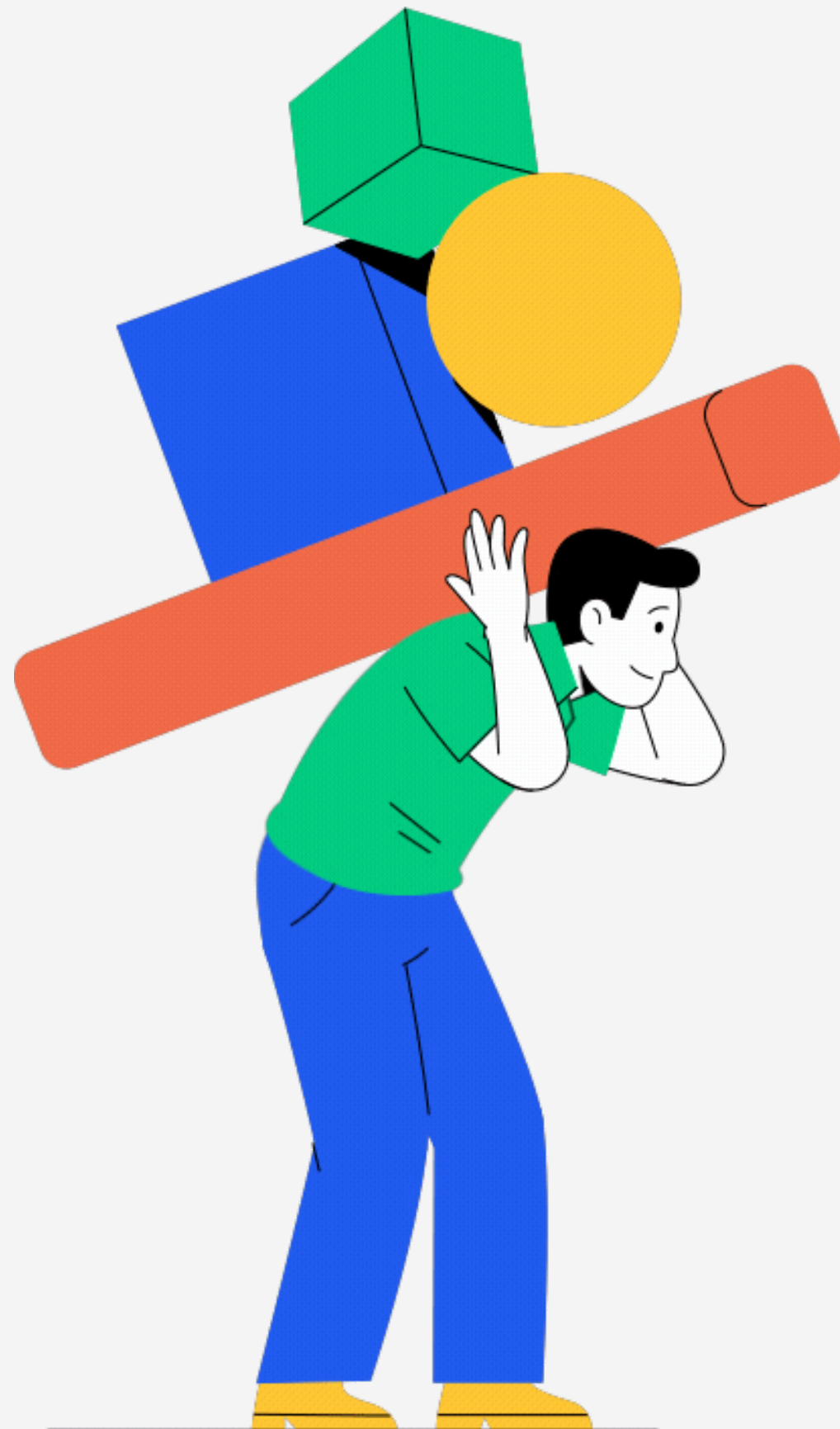
STAKEHOLDERS

- Movie/producers
- Movie theatres
- OTT platforms
- Software developers
- Database providers
- Hosting service provider



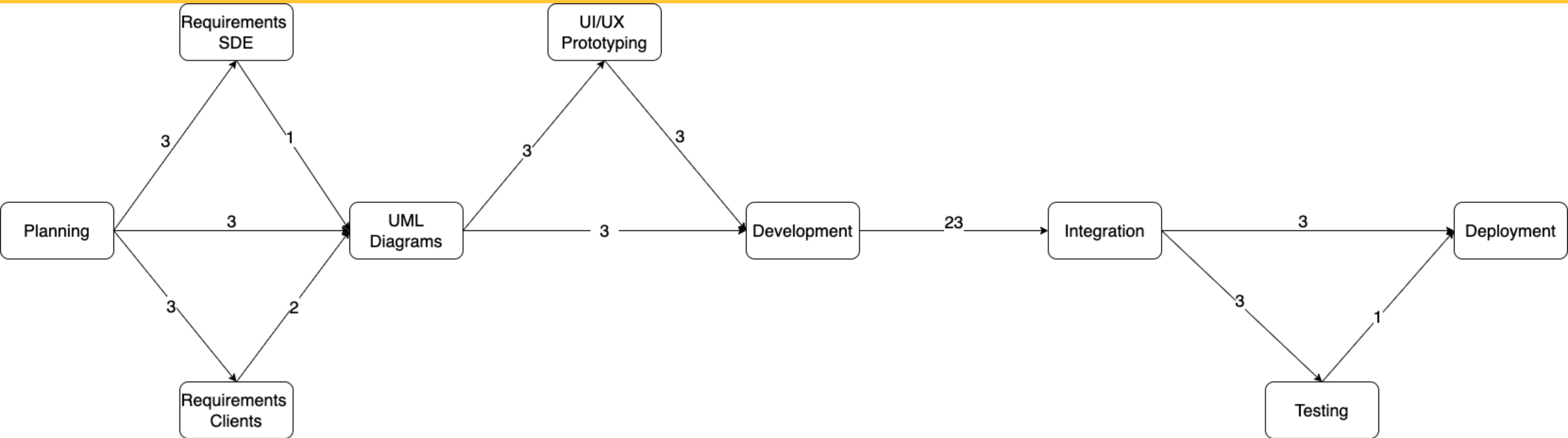


Project **Plan**



A Gantt chart is essentially a chart that illustrates the project schedule in the form of bar charts

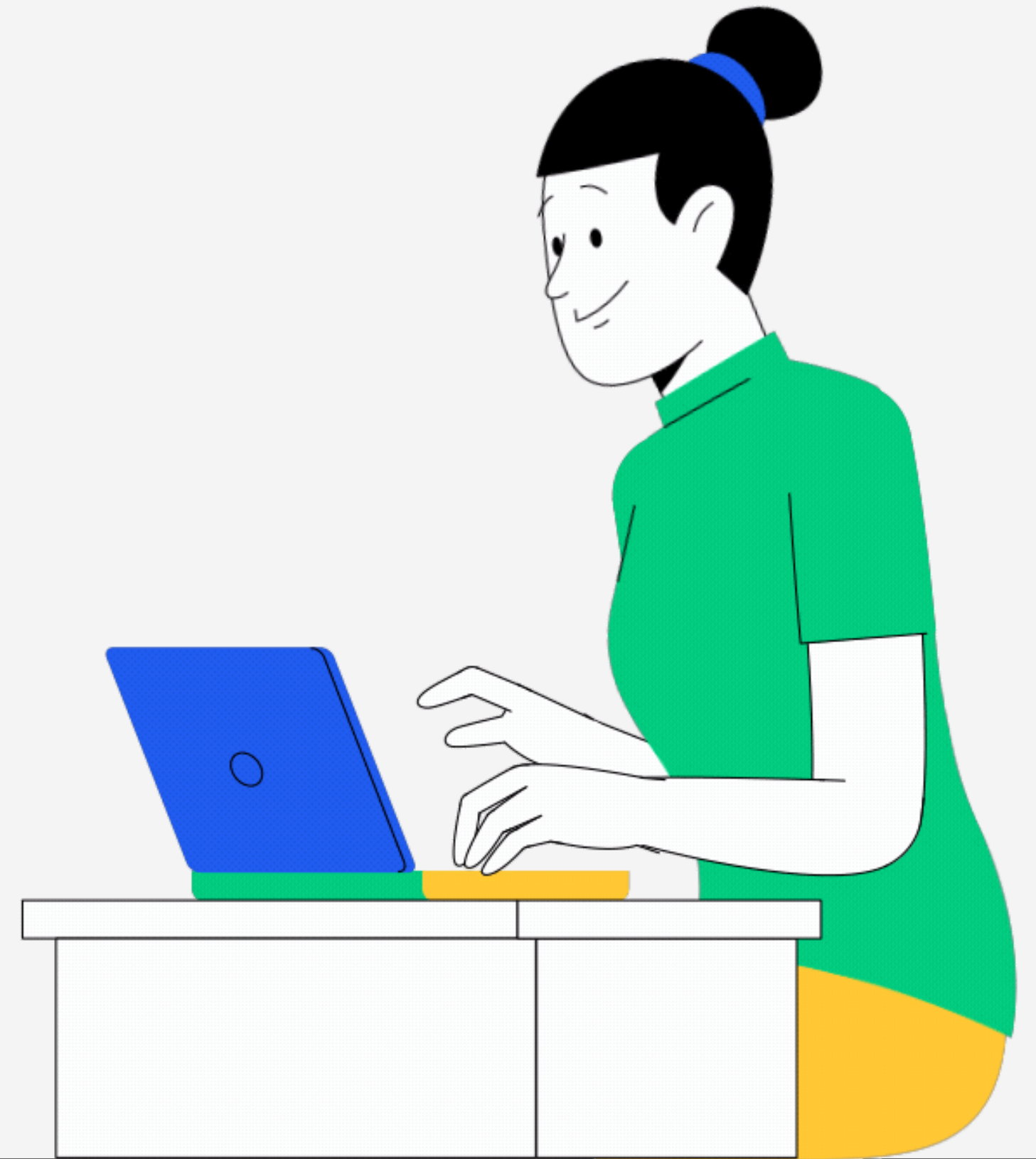
Critical Path



Time Duration = 38 days

Requirements Elicitations

1. Google Forms - Gathering Opinions
2. User Stories - Prioritized Requirements



System Design

I. UML DIAGRAMS

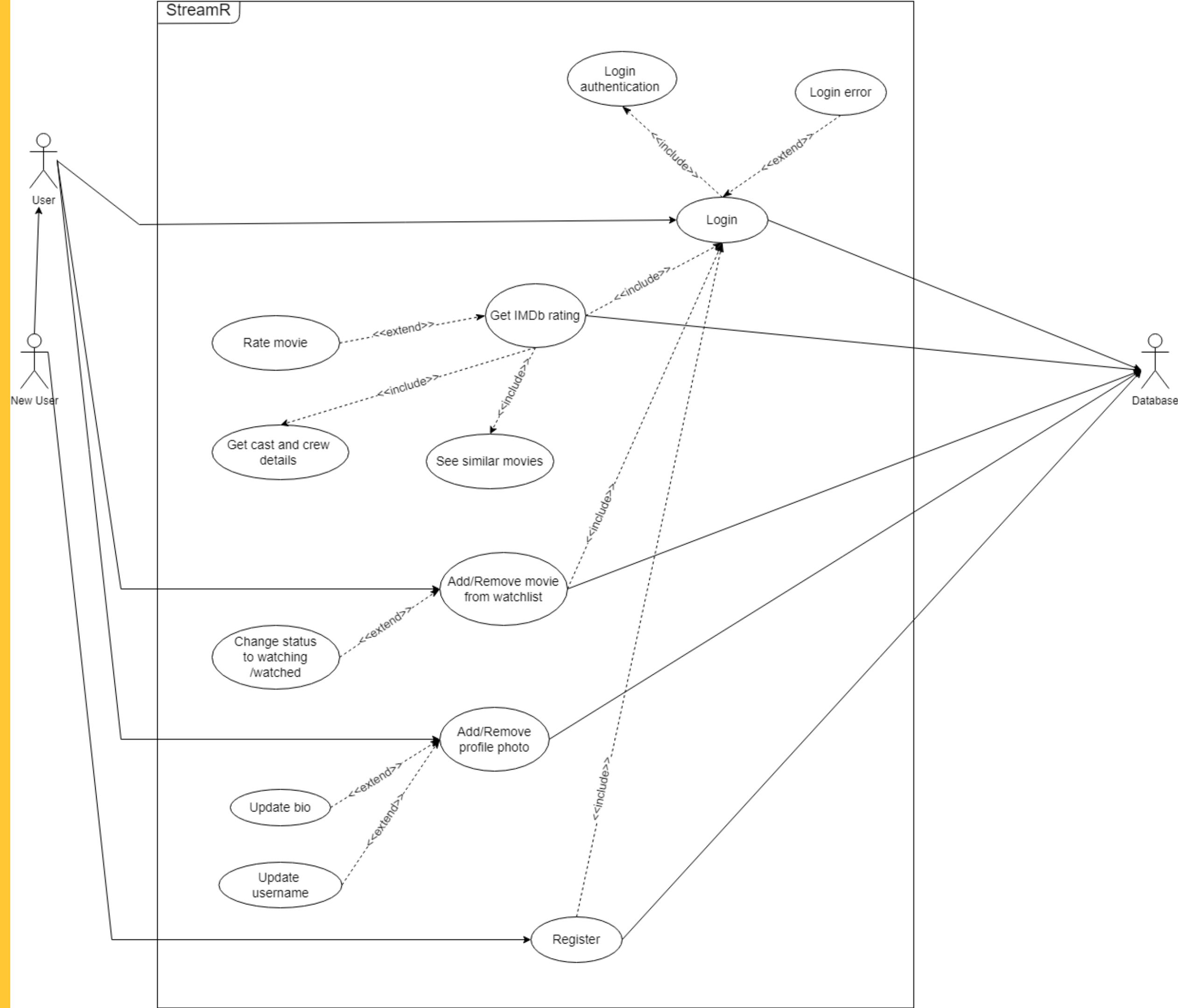
- Use-Case Diagram
- Activity Diagram
- Sequence Diagram - 1
- Sequence Diagram - 2

II. UI/UX PROTOTYPING

- Figma Design



UseCase Diagram



UI/UX Design

On Figma



StreamR

FRONTEND

HTML

CSS

JavaScript

Bootstrap

BACKEND

Flask

Machine Learning

Web Scrapping

TMDb API

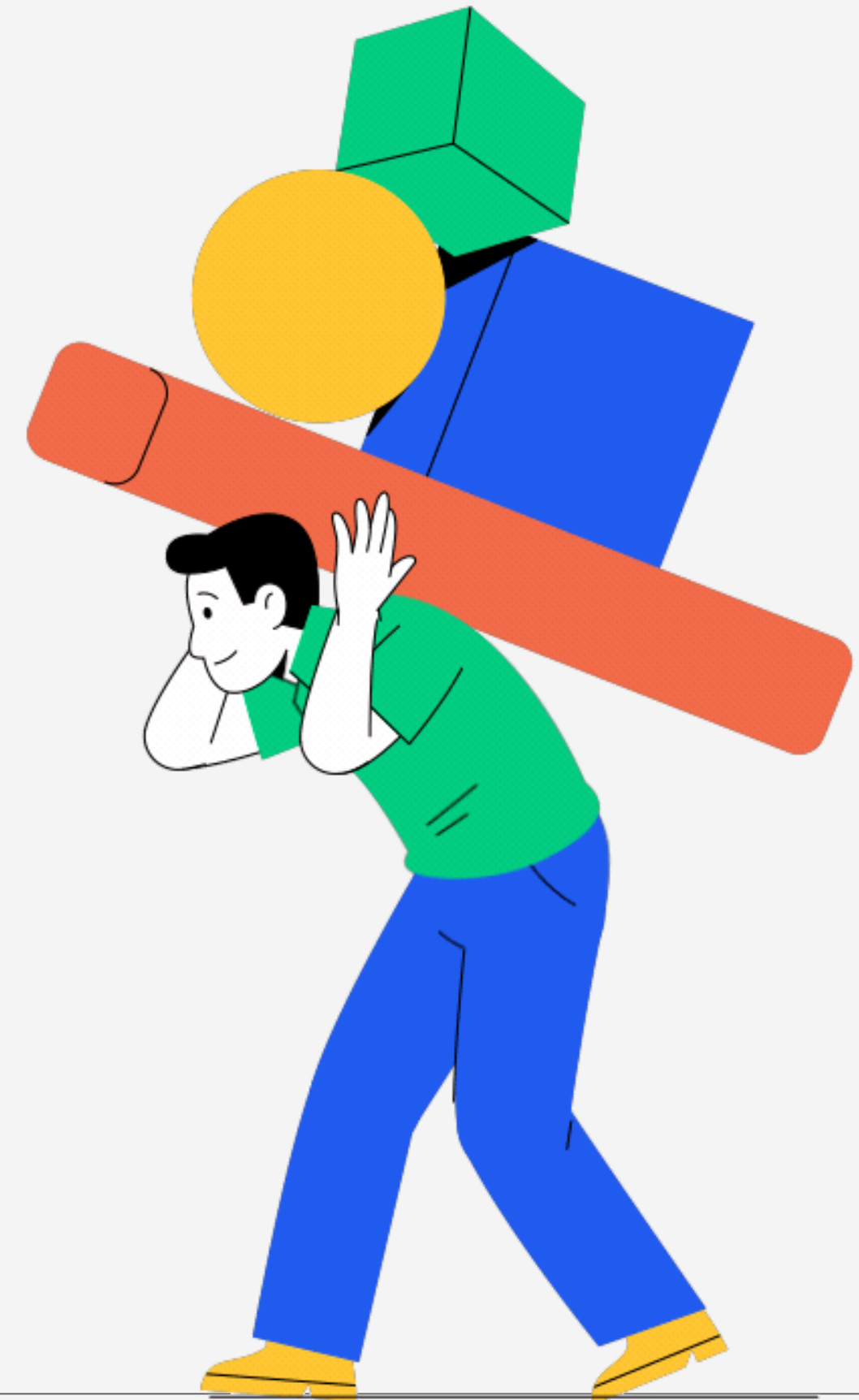
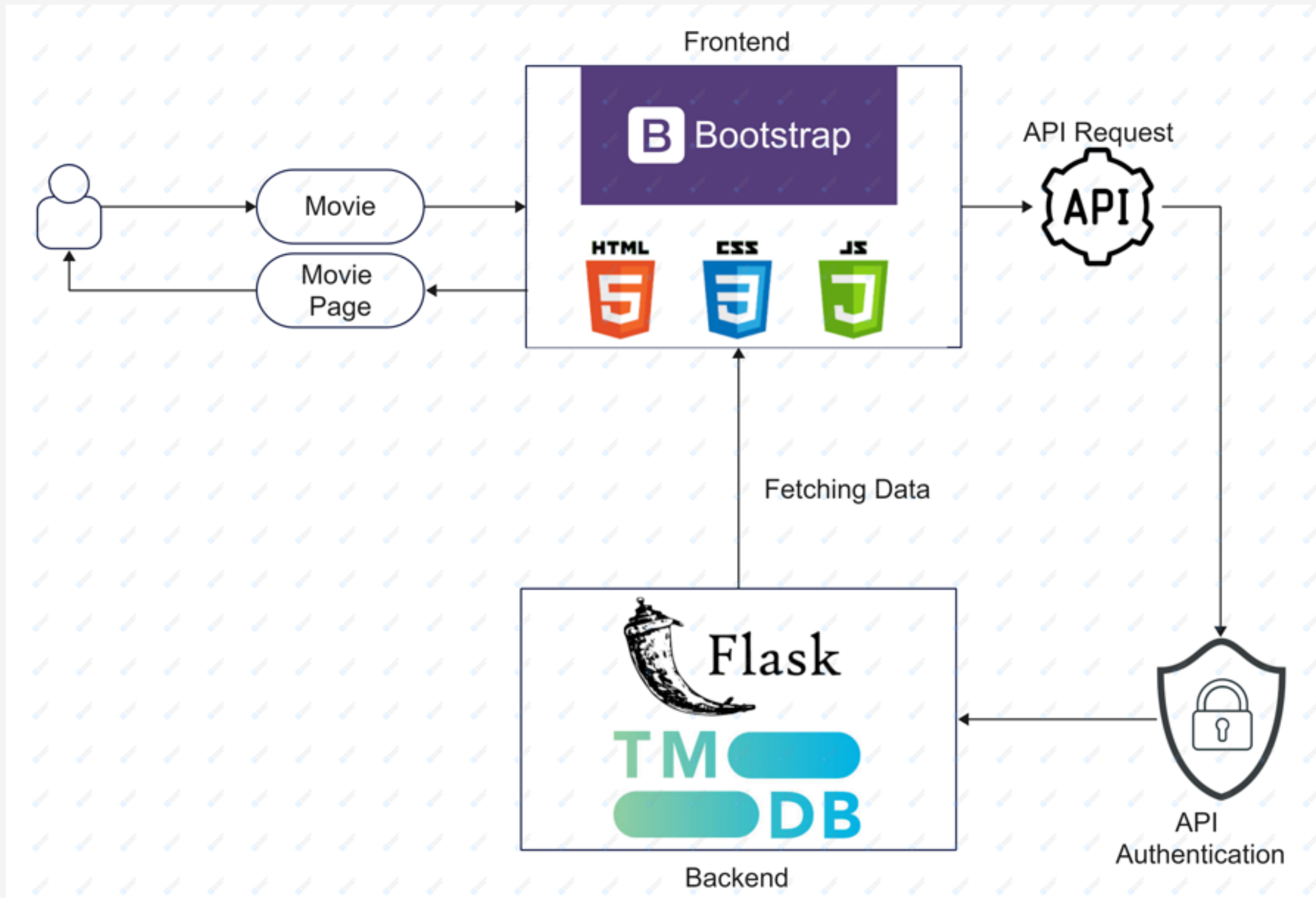
BLACK BOX TESTING

Black-box testing is a method of software testing that examines the functionality of an application without peering into its internal structures or workings.

GUI TESTING

GUI testing is the process of ensuring proper functionality of the graphical user interface for a given application and making sure it conforms to its written specifications

System Architecture



OPEN ISSUES

Login/Signup

Watchlist

Profile Page



Future Enhancements

1. User Page Analysis

2. Video clip/ Movie Trailers

3. Photos from the movie

4. Discussion Forum

5. Friends List

6. Link to OTT platform



[GitHub Repo](#)

[Deployed Website](#)

thank
you