

## **Entertainment App**

### OVERVIEW

The **Capstone project** integrates the core ideas, concepts, and principles learned in the preceding modules and uses them in real-world problems. It helps to exercise and assess the ability of learners to achieve optimal learning outcomes. Learners will apply knowledge and skills learned in various topics, and this will help them specialize in each of them. It is intentionally designed to enable learners to make their concepts rock solid and to demonstrate their creativity and mastery of all the topics.

### KEY OBJECTIVES OF THE CAPSTONE PROJECT

- **Team Collaboration:** Effective team collaboration allows members to learn from each other, utilize diverse skills, and overcome obstacles together to achieve project goals.
- **Hands-on Work Experience:** Capstone projects provide real-world exposure, helping students identify their strengths and develop essential skills for Full Stack Web Development.
- **Holistic Understanding:** Capstone projects foster a comprehensive understanding of various topics, promoting overall growth in psychological, social, emotional, and technical aspects of Full Stack Web Development.

### HOW TO DO THE CAPSTONE PROJECT?

- Students are expected to unravel the project and have a definite view of how to execute
- They can work on the project either in *groups or individually* (*We encourage students to work individually to gain maximum understanding*).
- They can experiment and come up with innovative outcomes so that they can upscale their skills and prove their competency.

#### **3.1 Group project**

To form a team, a student can go to the community spaces and put a post asking people to collaborate on your project. After forming a team, students can discuss and decide their way. It is essential for each student to contribute equally and to know the essence of the whole project, including the tasks they are not responsible for. This would ensure comprehensive learning and help the students learn different perspectives from their peers. ***Please note the maximum size of a team is 3.***

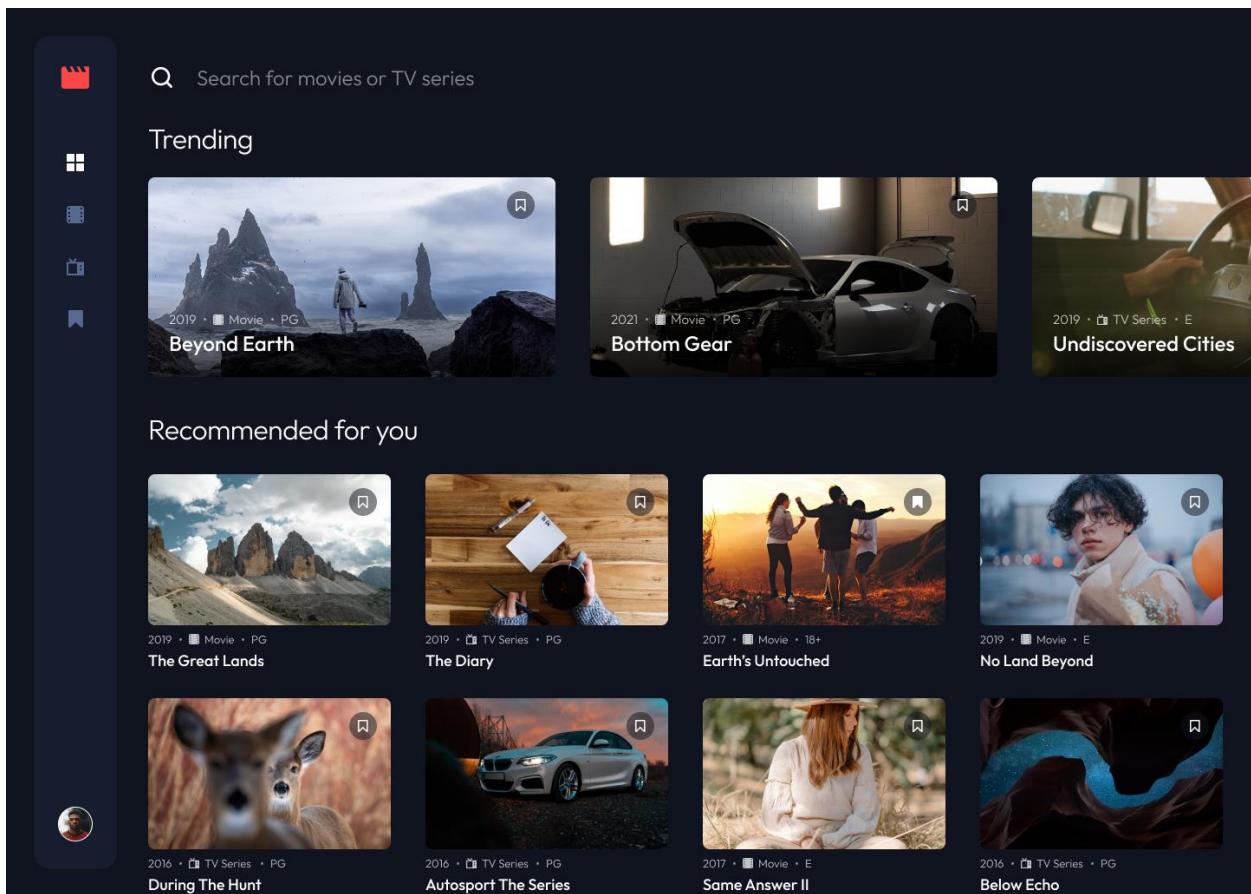
#### **3.2 Individual project**

If a student decides to do a project solely on their own, they can do so. The student must execute the project with utter clarity.

### Guidelines for Entertainment App

The **Entertainment App** allows users to search for their preferred movies or TV series and provides the added functionality of bookmarking their favorites.

TMDB API or any available API can be used for fetching Movies and TV series data.



## PAGES

### **Home page**

The Home page is the app's central hub, showcasing the most recent and trending movies and TV series in an organized grid system. Users are greeted with an enticing display of captivating content.

 Search for movies or TV series

 Trending



2019 • Movie • PG  
**Beyond Earth**



2021 • Movie • PG  
**Bottom Gear**



2019 • TV Series • E  
**Undiscovered Cities**

 Recommended for you



2019 • Movie • PG  
**The Great Lands**



2019 • TV Series • PG  
**The Diary**



2017 • Movie • 18+  
**Earth's Untouched**



2019 • Movie • E  
**No Land Beyond**



2016 • TV Series • PG  
**During The Hunt**



2016 • TV Series • PG  
**Autosport The Series**

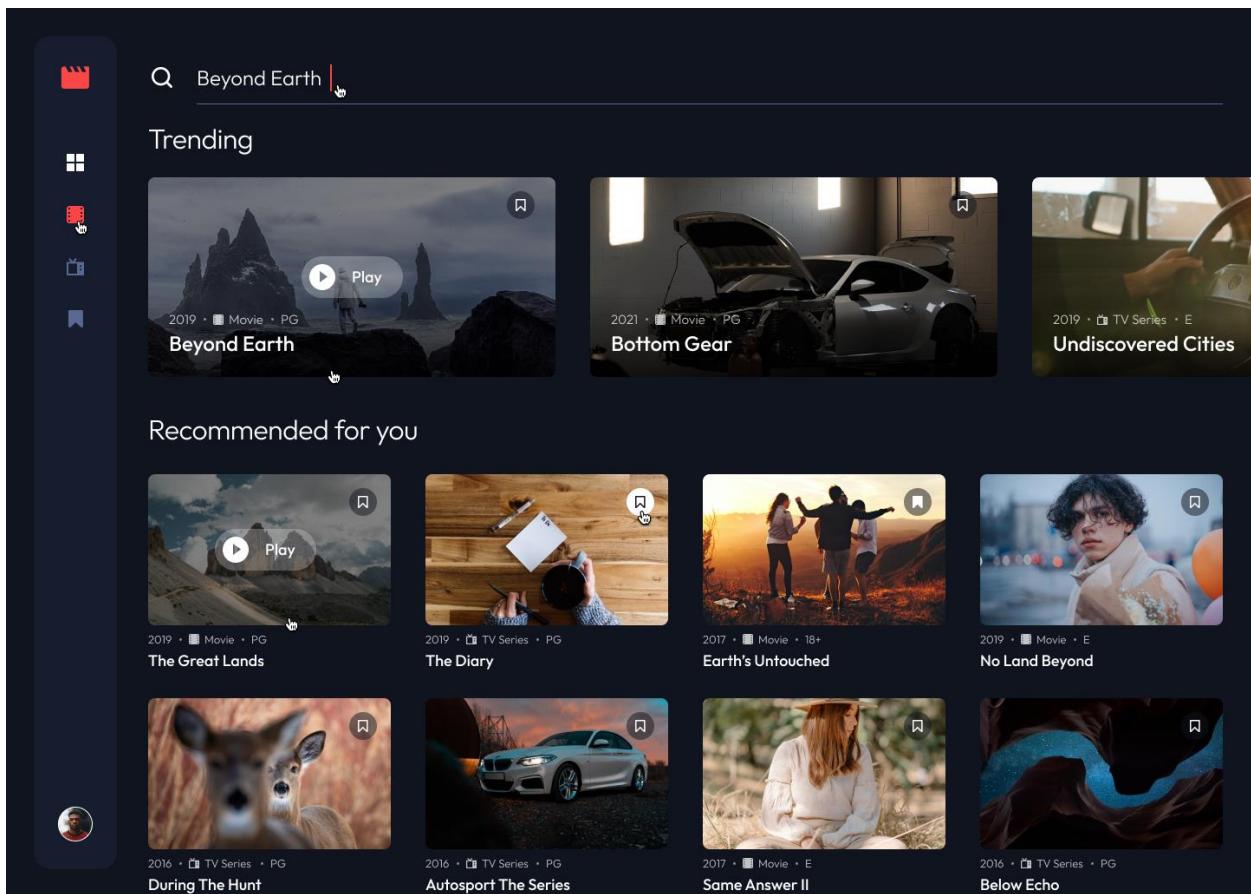


2017 • Movie • E  
**Same Answer II**



2016 • TV Series • PG  
**Below Echo**

Home Page



The search bar lets you search for the movies or TV series you want

### Movies page

The Movies Page is dedicated to a diverse collection of movies, offering users a wide array of cinematic choices. Whether users are seeking action-packed adventures, heartfelt dramas, or thrilling mysteries, this page provides a comprehensive catalog of films to cater to varied tastes.

 Search for movies

Movies



2019 • Movie • PG  
The Great Lands



2017 • Movie • 18+  
Earth's Untouched



2019 • Movie • E  
No Land Beyond



2017 • Movie • E  
Same Answer II



2017 • Movie • PG  
Relentless



2019 • Movie • PG  
Beyond Earth



2015 • Movie • PG  
Van Life



2021 • Movie • PG  
The Heiress



2017 • Movie • 18+  
Off the Track



2021 • Movie • PG  
Bottom Gear



2021 • Movie • 18+  
1998



2017 • Movie • 18+  
Darker



2017 • Movie • PG  
Mission: Saturn



2017 • Movie • E  
Whispering Hill



2017 • Movie • E  
Lone Heart



When you select a movie card, you will be directed to this page.

## TV Series page

The TV Series Page is designed to cater to television enthusiasts, presenting an extensive selection of TV series spanning across different genres. From riveting dramas to side-splitting comedies, users can explore and binge-watch their favorite shows through this dedicated section.



## TV Series



2018 • 📺 TV Series • PG  
**Dark Side of the Moon**



2019 • 📺 TV Series • PG  
**The Diary**



2016 • 📺 TV Series • PG  
**Autosport The Series**



2016 • 📺 TV Series • PG  
**Below Echo**



2015 • 📺 TV Series • E  
**The Rockies**



2018 • 📺 TV Series • 18+  
**Community of Ours**



2019 • 📺 TV Series • E  
**Undiscovered Cities**



2013 • 📺 TV Series • PG  
**112**



2018 • 📺 TV Series • PG  
**Production Line**



2016 • 📺 TV Series • E  
**Dogs**



2020 • 📺 TV Series • PG  
**Asia in 24 Days**



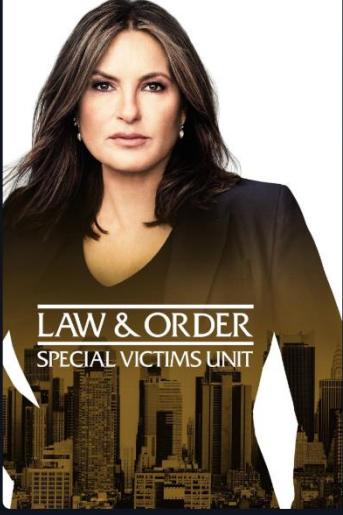
2018 • 📺 TV Series • 18+  
**Unresolved Cases**



2016 • 📺 TV Series • PG  
**The Tasty Tour**



2016 • 📺 TV Series • PG  
**During The Hunt**



**Law & Order: Special Victims Unit**

Standing for victims.

**4.0** ★★★★☆

Language	First Air	Last Air	Status
English	1999-09-20	2023-05-18	Returning Series

**Genres**

Crime Drama Mystery

**Synopsis**

In the criminal justice system, sexually-based offenses are considered especially heinous. In New York City, the dedicated detectives who investigate these vicious felonies are members of an elite squad known as the Special Victims Unit. These are their stories.

**Casts**

Mariska Hargitay Peter Scanavino Ice-T Octavio Pisano

[Website](#) 

When you select a TV Series card, you will be directed to this page.

### Bookmarks page

The Bookmark page serves as a personalized space where users can curate their own entertainment library. Here, users can effortlessly add or remove bookmarked movies and TV series, tailoring their viewing experience to align with their preferences. This feature ensures that users have easy access to their favorite content at anytime.

The screenshot displays the application's main interface against a dark background. On the left, a vertical sidebar features five icons: a movie camera, a search bar, a grid, a film strip, and a bookmark. Below the sidebar is a circular profile picture placeholder.

**Bookmarked Movies**

- 2017 • Movie • PG  
Relentless
- 2017 • Movie • 18+  
Earth's Untouched
- 2021 • Movie • 18+  
1998
- 2021 • Movie • PG  
The Heiress

- 2017 • Movie • 18+  
Off the Track
- 2021 • Movie • PG  
Bottom Gear
- 2017 • Movie • E  
Lone Heart
- 2017 • Movie • 18+  
Darker

- 2017 • Movie • PG  
Mission: Saturn

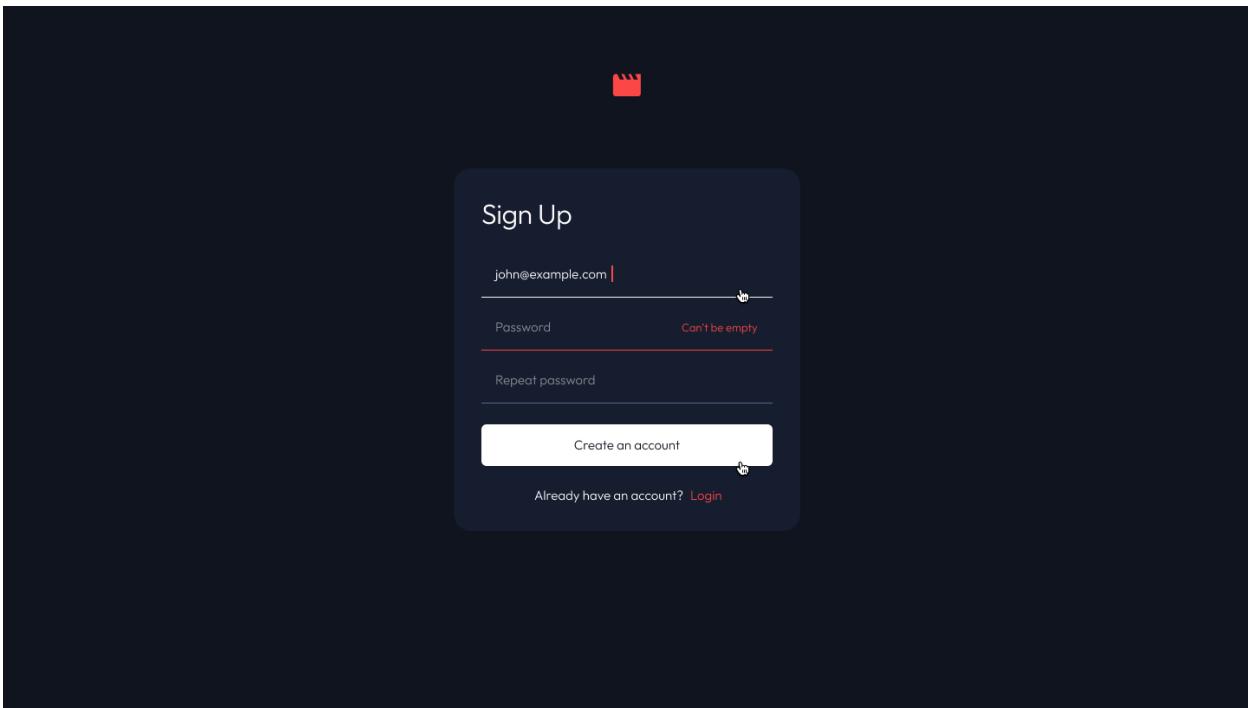
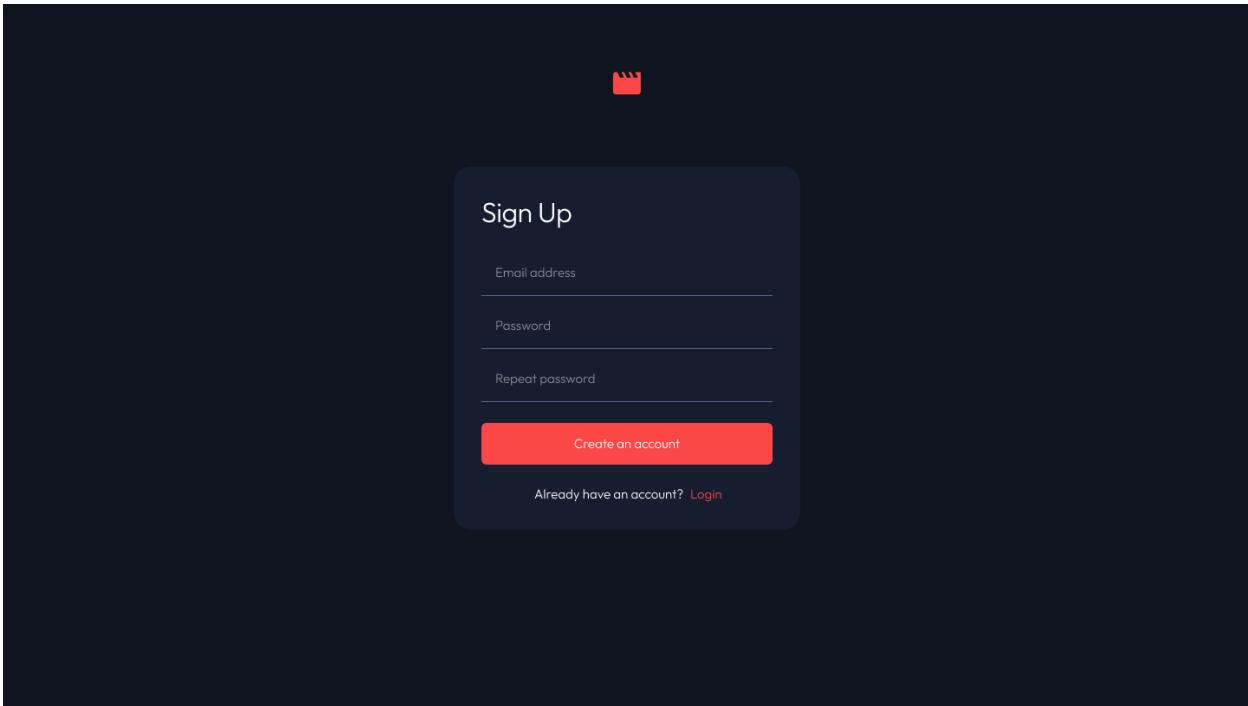
**Bookmarked TV Series**

- 2018 • TV Series • PG  
Dark Side of the Moon
- 2015 • TV Series • E  
The Rockies
- 2016 • TV Series • E  
Dogs

In addition to these core components, the application encompasses the following vital features:

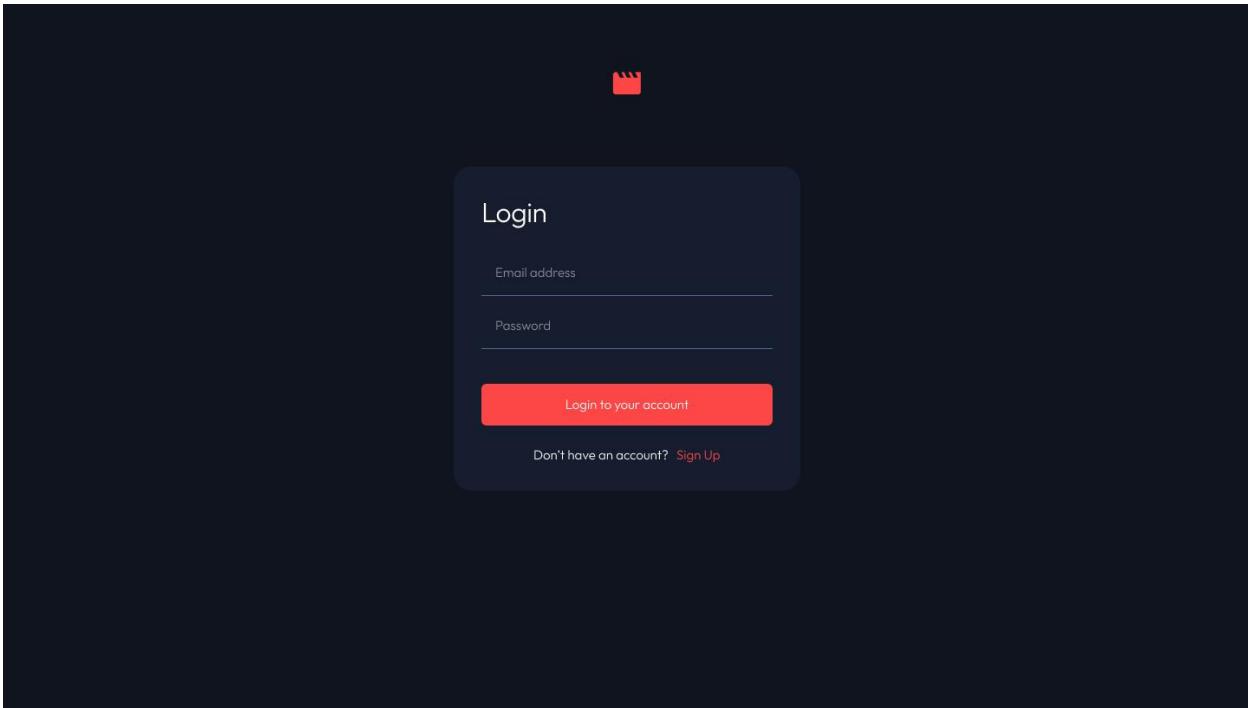
### Sign Up Page

Aspiring users are granted access to a registration form to initiate their onboarding process. It should be noted that the inclusion of a profile image is an optional enhancement that users may opt to integrate into their profiles.



## Login Page

Returning users, who have already completed the sign-up process, are provided a platform to access the application securely. This enables them to explore the app while retaining access to their meticulously curated bookmarked items.



## 🛠 Tools and Technologies Used:

HTML, CSS, Tailwind CSS, React, Redux-toolkit, Node.js, Express.js, MongoDB, TMDB API

## 📁 Project Assets

1. Examine the provided Figma designs for the "Entertainment App" as a reference to guide your creation process.

👉 **Figma Designs:** [entertainment-web-app.zip](#)

2. Thoroughly review the provided user stories and begin constructing the project accordingly. Feel free to incorporate any supplementary features of your preference.

👉 **User Stories:** [Entertainment App - User Stories](#)

## ▶ Outcome of the project

The application should include the following functionalities to meet the user requirements:

- **Engaging Exploration:** A dynamic and visually appealing Home page that serves as a gateway to the entertainment world. Users can effortlessly discover the latest trending movies and TV series through an organized grid system.
- **Comprehensive Catalog and Personalization:** Users can explore an extensive catalog of movies and TV shows spanning different genres. Additionally, the Bookmarks page empowers users to curate their own library by bookmarking their favorite content.

- **User-Focused Accessibility and Interaction:** The app will prioritize user convenience through a seamless Sign-Up and Login process. New users can easily initiate their onboarding journey with the option to add a profile image for enhanced personalization. Returning users can securely access their accounts and explore the app while retaining their bookmarked items.

The user-centric design and functionality of the app create a user-friendly experience, making it effortless for users to engage with and enjoy their chosen entertainment content.

## **SUBMISSION GUIDELINES FOR “Entertainment App”**

### **DELIVERABLES**

- **Project Summary:** A clear and concise description of the project's purpose, key features, technologies, tools, and frameworks used, along with a briefing on functionality.
- **Code Repository on GitHub:** Ensure all project code is pushed to a well-organized GitHub repository and properly structured directories and files for easy navigation.
- **API Documentation:** Thorough documentation of API endpoints, request/response examples, and authentication methods.
- **Database Design:** Provide an overview of the database schema and include an ER diagram or schema visualization for clarity.
- **Best Practices:** List at least 10 best practices implemented in the project.
- **Deployment Link:** Provide a link to the live deployment of the project. Make sure the deployment is functional and accessible.
- **Project Video:** Create a brief video demonstration of the project. Showcase key features and functionality. Explain how to navigate through the project.

**Students must submit this Google doc on the submission dashboard in the format given below. Make a copy of this template in your drive.**



<https://docs.google.com/document/u/1/d/1pvUeO750KyiuntzIc3i8H4z3PYCKkHZH/edit?fromCopy=true>

### **Important Note:**

1. **GitHub Repository** for the project must be public for evaluation.
2. **Weblink** must be up and running with everything running without error.
3. **Youtube link/Video link** must be accessible by the public.

## **EVALUATION RUBRICS**

Evaluation Rubrics are the same for both Teams and Individuals.

<b>Rubrics</b>	<b>Weightage</b>
Responsive UI/UX Design	10
Database Design	10
API Design	10
Project Summary	10
Other Best Practices	10
Deployment and Accessible Weblink	10
Output as per the scope of the project	10
GitHub ReadME Description	5
Out-of-the-box thinking	5
Validation	5
Video Demo	5
Modular Coding	5
Project Folder Structure and Code Comments	5

 **When is your submission rejected?**

- If the evaluation score is less than **60%**.
- Any of the deliverables are missing.
- The submitted link isn't shared with proper permissions.
- Any **plagiarism** is detected.

 **What happens when your project is rejected?**

- Once rejected, you **can re-submit** the project after 1 week.

- You'll have to re-implement the project based on the provided feedback.
- This is to ensure that you have **understood the feedback** well, have learned from the mistakes and can implement it for end-to-end project compl