

Capstone Project Ideas

Project Idea 1: Book Search and Wishlist Application

- **Problem:** Book enthusiasts often find it challenging to keep track of books they want to read and manage their personal book collections effectively. They need a tool to search for books, organize them into wishlists, and manage their reading list with ease.
- **Solution:** Develop a web application that leverages the Google Books API to provide users with a powerful search tool for discovering books. The application will allow users to add books to their wishlist, organize their collections, and manage their reading history. The platform will feature user authentication, advanced search capabilities, and an intuitive user interface to enhance the book management experience.

Project Idea 2: Movie Tracker and Review Platform

- **Problem:** Movie lovers often struggle to keep track of movies they want to watch, write reviews, and discover new films based on their interests. They need a platform to organize their movie-watching habits, provide feedback, and get recommendations.
- **Solution:** Create a web application using the TMDb API to offer users a comprehensive movie tracking and review system. Users can add movies to their watchlist, write and read reviews, and receive personalized movie recommendations. The platform will include user authentication, advanced search features, and a modern UI/UX design to make movie management and discovery enjoyable.

Project Idea 3: Fitness Tracker and Community Platform

- **Problem:** Fitness enthusiasts often need a way to track their exercise routines, set and achieve fitness goals, and connect with a supportive community of like-minded individuals. They require a platform that offers both personal tracking and social interaction features.
- **Solution:** Develop a web application that enables users to log various fitness activities, set goals, and track their progress. The application will include features for community engagement, such as joining groups and sharing achievements. Optional integration with the Fitbit API can enhance the experience for users with Fitbit devices. The platform will feature user authentication, advanced search capabilities, and a motivational UI/UX design to keep users engaged and supported.