

TaxiGo: Project Report - [GitHub](#)

Daksh Ghetia – 101309389

Nityam Goswami - 101325279

Table of Contents

1. Introduction
2. Project Overview
3. Technology Stack
4. Key Features
5. CDN and Stylesheets
6. Conclusion

Introduction

TaxiGO is a user-friendly web application that facilitates interaction between taxi drivers and riders. It allows riders to book trips while providing a robust interface for administrators to manage drivers, trips and expand the service across multiple cities and countries.

Project Overview

TaxiGo is built with modern web technologies, offering a smooth and intuitive experience. It includes several key components, such as:

- Login/Signup Pages: For user authentication and registration.
- Driver Management: Monitoring and approval of driver activity.
- Trip Management: Allows users to create and schedule taxi trips.
- City and Country Management: Enables expansion into new regions.

Technology Stack

TaxiGo uses a combination of:

- **HTML:** To structure the content of the application.
- **CSS:** To style the pages, ensuring they are visually appealing and easy to navigate.
- **JavaScript:** For dynamic interactivity, enhancing the user experience through responsive features.

Key Features

1. **User Registration and Authentication:** Secure login and signup pages manage user access to the platform.
2. **Driver Management:** Admins can view, approve, or reject new drivers.
3. **Trip Creation and Management:** Users can initiate taxi trips, while admins and drivers can monitor and manage these trips.
4. **Geographical Expansion:** Admins can add new cities and countries, enabling continuous service growth.

CDN and Stylesheets

The application leverages Content Delivery Networks (CDNs) to improve loading speeds and ensure consistent performance across different devices. TaxiGo specifically uses:

- **Bootstrap 5 CDN:** Bootstrap is a popular front-end framework used for building responsive web applications. The CDN ensures that the latest version of Bootstrap is loaded quickly, providing ready-to-use components like buttons, forms, and grids without needing to manually include these files.
- **Font Awesome CDN:** Used to include scalable vector icons, ensuring visually appealing and easy-to-understand user interfaces.