

ABSTRACT

The Cab Booking System is a technology-driven solution designed to enhance the efficiency and convenience of taxi services. Through a user-friendly mobile or web application, passengers can easily book rides by providing their location and destination preferences. Simultaneously, drivers, equipped with a dedicated app, receive real-time ride requests and are efficiently matched with nearby passengers. The system leverages GPS technology for accurate location tracking, minimizing wait times and optimizing fleet management.

Integrated payment options, including credit cards, digital wallets, and cash, simplify the payment process, ensuring a seamless and secure transaction experience. Safety features such as driver identification, trip verification codes, and a rating system contribute to a secure and reliable service. Passengers can track their assigned vehicle's real-time location, enhancing transparency and trust during the journey.

The system promotes continuous improvement through a feedback mechanism, allowing passengers to rate their experiences and provide valuable insights. An administrative dashboard facilitates efficient management of the entire operation, including real-time analytics, driver fleet oversight, and prompt customer support.

In summary, the Cab Booking System revolutionizes the taxi service industry by prioritizing user experience, safety, and operational efficiency. By integrating cutting-edge technology, the system aims to create a reliable and convenient transportation ecosystem for both passengers and drivers, addressing the evolving needs of modern urban mobility.