

# SMART TRANSPORTATION ARRANGER

**NALLA AJAY KUMAR,**

**Associate Professor,**

**Department of Electrical & Electronics**

**Engineering,**

**Siddhartha Institute of Technology and Sciences,**

**Narapally, Hyderabad, Telangana – 500 088.**

**KOMMIDI VANI,**

**Assistant Professor,**

**Department of Electrical & Electronics**

**Engineering,**

## ABSTRACT

Arranger of Smart Transportation is a Online Cab Booking project is about an online system that allows clients to book cabs at their leisure, based on their needs. The existing system is time-consuming and manual. It's also inefficient, with a low and falling average return. We place a high value on client happiness, therefore we provide a variety of ways for customers to book a cab by inputting information such as their travel date and time, origin, pick-up point, destination, and drop-off location. Customers can hire taxis using an online booking system.

## INTRODUCTION

Customers can hire taxis using an online booking system. Customers may see available taxis, register cabs, view profiles, and book cabs using this online system. Taxi booking is a common kind of transportation provided by several transportation companies in a given city. The majority of individuals rely on cab services for their everyday transportation requirements. The firm must be registered and meet all of the transportation department's criteria and security standards. The Online Cab Booking System is a web-based platform that enables your clients to book taxis and executive taxis from the convenience of their own home or workplace.

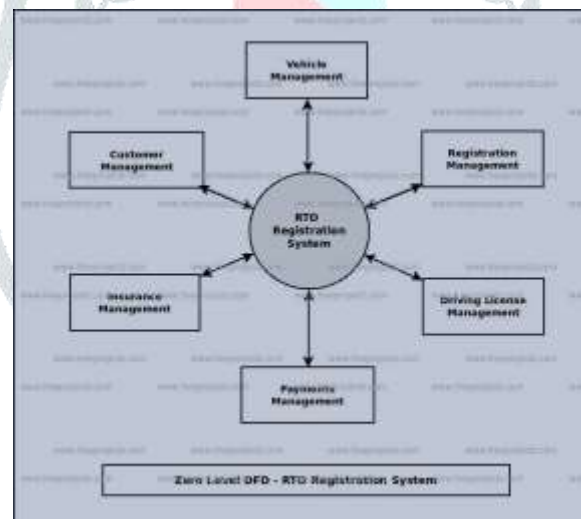
The platform should have an administrative interface via which the taxi business can control the content as well as access all reservations and customer data. More and more taxi firms are searching for integrated taxi booking systems since they make life simpler for (1) the traveller - this is critical, and consumers should be able to book cabs online without having to pick up the phone in today's internet era. (2) The taxi company, because all of their bookings are now controlled through an automated system, which means they have an electronic record of both future and previous bookings.

## LITERATURE SURVEY

Whenever cabs are booked manually on phone, the existing Online taxi Booking project method necessitates a great deal of physical and mental work. Many human mistakes, such as incorrectly entering the voyage date, time, and place, are manually logged in a register by an employee, increasing the likelihood of misregistration. Due to traffic and misunderstanding concerns, there is no clear communication between drivers, passengers, and the office, resulting in a denial of service. There is currently no application that changes the status of taxi availability in the present system.

## METHODOLOGY

By signing on to the planned Online Cab Booking project website, consumers would be able to order a cab according to their needs. It allows customers to book taxis online, modify their reservations, and cancel their reservations at any moment. Users will be alerted of the driver's location and phone number, allowing them to connect with him. The consumer is informed about their bookings, driver information, and booking progress on a regular basis. In the feedback box, the user may also provide recommendations or questions.



**FIGURE 1: ONLINE CAB REGISTRATION**

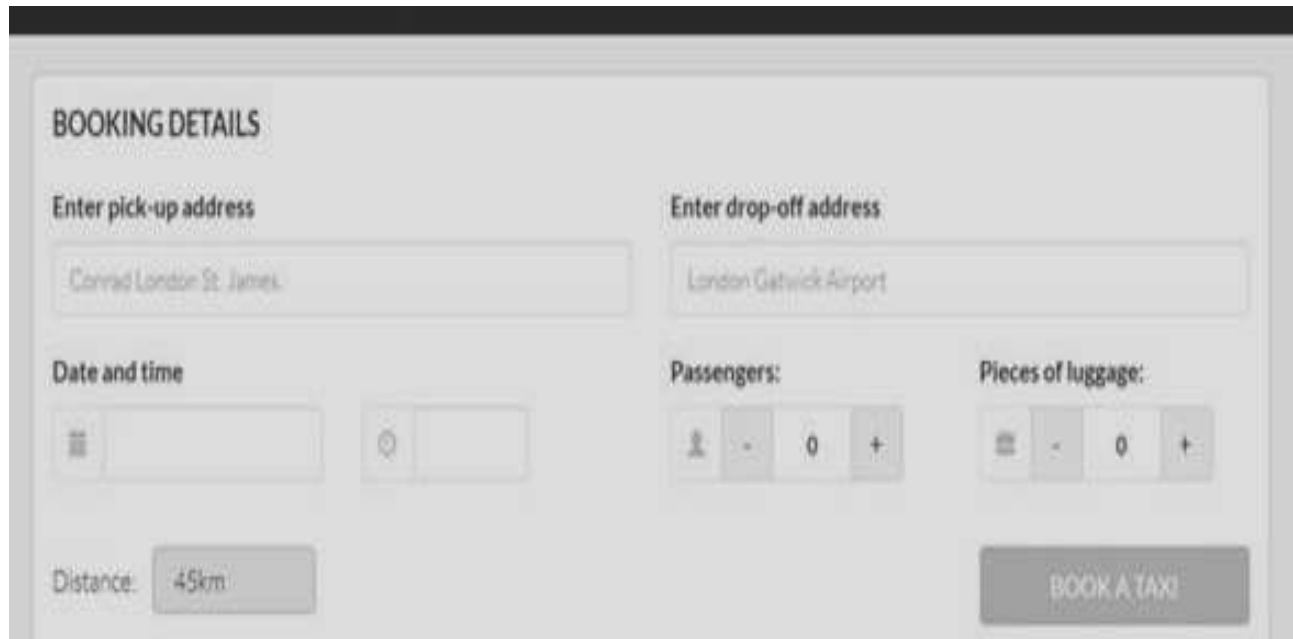
## ADVANTGES

- It improves the system's efficiency in providing high-quality services to its clients.
- It's convenient for them because they can order cabs from the comfort of their own homes or businesses.
- It's extremely safe because only a logged-in user may book a cab, preventing attackers from seeing their personal information.
- The user can hire an automobile by booking it online.

- In the new system, users may acquire the services they need.
- The user can rent a car and view the driver's information online.

## RESULT AND DISCUSSION

Our proposed work analysis in this phase and business proposal is put forth with a very general plan for the project and some cost estimates. During system analysis the feasibility study of the proposed system is to be carried out.



**FIGURE 1: ONLINE CAB BOOKING SYSTEMS PAGE**

This is to ensure that the proposed system is not a burden to the company. For feasibility analysis, some understanding of the major requirements for the system is essential. The Online Cab Booking system necessitates a visually appealing design and a user-friendly interface. To appeal to the target market, an application should be well-defined, with a strong emphasis on design and user interface, as well as being user-friendly. The following figure 1 represents the cab booking details when customer booking the cab.

## CONCLUSION

Customers can hire taxis using an online booking system. Customers may see available taxis, view profiles, and book cabs using this online system. Taxi booking is a common kind of transportation provided by several transportation companies in a given city. The majority of individuals rely on cab services for their everyday transportation requirements. The firm must be registered and meet all of the transportation department's criteria and security standards. The excellent taxi booking system is shown in this article. This project encompassed a wide range of topics, from corporate

principles to the realm of computers, and necessitated the completion of various studies in order to meet the project's objectives.

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