

# Star Cab-The Cabadian

Urvashi Vekariya<sup>1</sup>, Prof AjayKumar T.Shah <sup>2</sup>

Department of Computer Engineering

<sup>1</sup> Alpha College Of Engineering And Technology

<sup>2</sup>HOD, Alpha College Of Engineering And Technology

**Abstract-** This paper showcases the development of an interactive website which functions as a Star Cab Booking System for customers to effortlessly book cabs for travel, the system is named StarCab. It is an online portal through which customers can view available cabs, register the cabs, view profile and book cabs. A computer based management system is designed to handle the entire primary information required to manage the whole data. Separate database is maintained to handle all the details required for the correct statement calculation and generations. This project intends to introduce more user-friendly approach in the various activities such as record updating, maintenance, and searching. Standard Web development languages like HTML, JavaScript and PHP were used for Front-end and Back-end development respectively. PHPMysql software was used to maintain and check integrity of databases created.

**Keywords-** Star cab, Cab Booking, Sharing, Payment, Face Detection.

## I. INTRODUCTION

Star Cab is a Online Cab Booking System specializing in Hiring cabs to users. It is an online system through which users can view available cabs; register the cabs, view profile and book cabs. Cab booking service is a major transport service provided by the various transport operators in a particular city. Mostly peoples use cab service for their daily transportations need. The company must be a registered and fulfils all the requirements and security standards set by the transport department.

Online Cab Booking System is a web based platform that allows your users to book their taxi's and executive taxis all online from the comfort of their own home or office. The platform should offer an administration interface where the taxi company can manage the content, and access all bookings and user information. More and more Taxi companies are looking for integrated taxi booking systems as it makes life much easier for, The traveller - this is highly important and in today's internet age people should be able to book taxis online without having to pick up the phone and, the taxi company as all their bookings are now managed via an automated system which means they have an electronic record of future and historic bookings

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A Cab Booking/Hiring is a system that can be used temporarily for a period of time with a fee. Hiring a car assists people to get around even when they do not have access to their own personal vehicle or don't own a vehicle at all. The individual who want to hire/rent a car must first contact the cab hiring company for the desire vehicle. This can be done online. At this point, this person has to supply some information such as: dates of rental, and type of car. After these details are worked out, the individual renting the car must present a valid Identification Card. Most companies throughout the industry make a profit based of the type of cars. The hiring cabs are categorized into economy, compact, compact premium; premium and luxury & customers are free to choose any car of their choice based on their purse and availability of such car at the time of reservation.

## II. ANALYSIS OF PROPOSED SYSTEM

The proposed model/system is effectively able to extract the necessary details from the user through its Sign In page and feeds it into its standard MySQL database i.e. PHPMysql. The User gets a creative and aesthetically pleasing experience as the website uses attractive font and colors to suit the experience. This achieves maximum Quality of Service (QoS). The User is systematically directed to multiple pages as explained in the flow of execution diagram, which facilitates in seamless Cab booking experience. The user-defined functionalities are kept simple and concise and in no way whatsoever will they lead to ambiguity and misrepresentation. After booking the Cab, the user is given the Company's standard post-booking message of official waiting time once the cab arrives at the pick-up location specifies by the user. The driver of the Cab will thoroughly inform user once he arrives at the point. This project transverses a lot of areas ranging from business concepts to computing field, & required to perform several researches to be able to achieve the project objectives. The area covers include a variety of topics studied and researched.

## III. METHODOLOGY

The application will work in following way:

- User attempts to log-in the system.
- System checks if the user is a new/existing

User.

- If User is new to the system, then user is directed to the Sign In page where he/she has to fill a registration

- If the User is an existing one, then the system asks the User to log into his account to be able to book the Cab. This is the Log In page.

- After verifying the credentials of the User, the system presents the Booking page, where all necessary fields are present to book the Cab.

- User enters Source location.
- User enters Destination location.
- User provides Date for pickup.
- User provides Time for pickup.
- User also chooses his/her choice of Cab for travel.

- System checks the availability of the specifies,choice, if choice is available, then the required information is conveyed to the user at real-time. If not, then user is given the opportunity to select another choice of Cab.

- System requests Confirmation of booking details provided by User in the Confirm page.

- If user confirms the booking, then system logs out the User from the session. If not, then system redirects the user to the Booking page again.

Following are the Processes-

#### 1. Cab Search-

Users can search cab for a particular location here. Users required to enter source, Destination, & place where he wants to go.

#### 2. Login Search-

In the customers has to give out the login details i.e. users id and password and then only he can be logged on. The user id and password given by the customers are checked from the data stored in the database.

#### 3. Registration Process-

User must be registered before booking a cab. Proper validations will be provided to keep only authenticated users i.e. those users who will provide correct information. All the data supply by the user will be stored in database and it will be used for further validations and authenticated. During registration, users have to give login and password of their choice. Login names and password will be stored in the databases so that the users can directly login without registration again and again.

## IV. SPECIAL FEATURES

The following Star Cab Booking having the following services:-

1. Enhance Business Processes: To be able to use internet technology to project the rental company to the global world instead of limiting their services to their local domain alone, thus increase their Return on Investment (ROI).
2. Traveller's registration: A registration portal to hold traveller's details, monitor their transaction and used same to offer better and improve services to them.
3. Group bookings: Allows the customer to book space for a group in the case of wedding or corporate parties or meetings.
4. Eco-friendly: The monitoring of the vehicle activity and the overall business becomes easy and includes the least of paper work.
5. Availability: The software acts as an office that is open 24/7.
6. Efficient: It increases the efficiency of the management at offering quality services to the customers.
7. User friendly: It provides custom features development and support with the software's.
8. Security: The subsystem should provide a high level of security and integrity of the data held by the system, only authorized personnel of the company can gain access to the company's secured page on the system; and only users with valid password and username can login to view user's page.
9. Face Detection: The face detection system is identifying and verifying face. It is typically used in security system.
10. Sharing

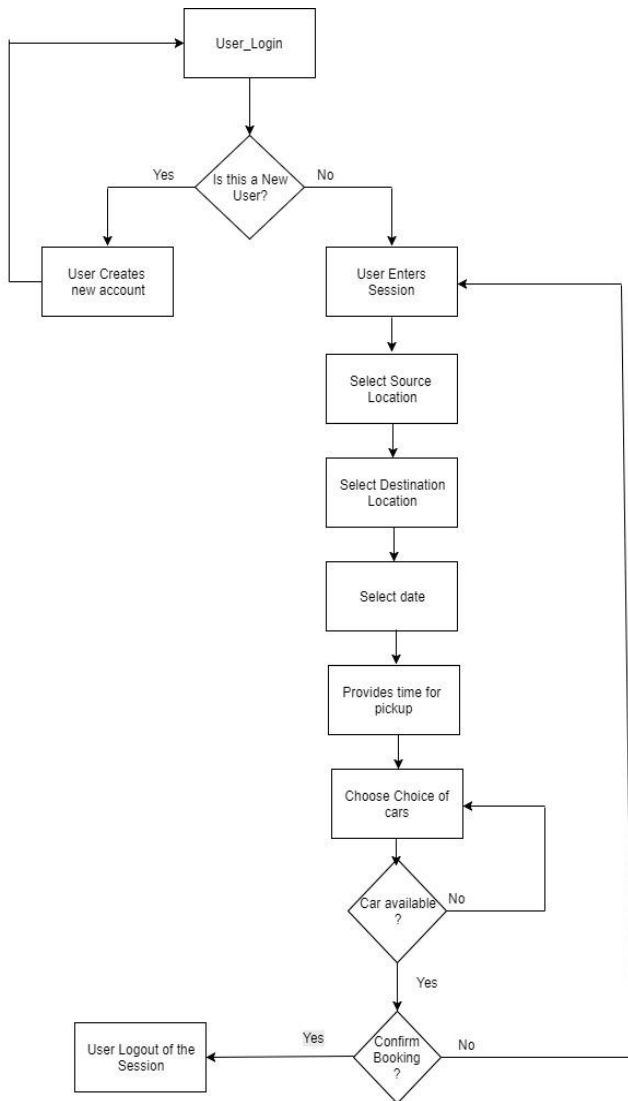
Flow chart of our application is as follow:

**FUTURE SCOPE**

Future Scope this project transverse a lot of areas ranging from business concepts to computing field, business, building commercial websites & required to perform several researches to be able to achieve the project objectives. A potential future scope for development in the above project could be to include optimized GPS services or real-time Google Maps integrated with the system to be able to reveal insights to user to further encourage with Cab Booking.

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**V. CONCLUSION**

The development of this project took efforts to understand how Star Cab Booking systems work in order to facilitate their daily businesses. The project has given me immense knowledge of various technologies (HTML, CSS, JS MySQL, PHP etc.) that can be used to develop such applications with ease rather than making use of the existing complex modules. The application developed by us is also supported on various Operating System (Windows XP, Windows 7, Windows 8, Windows 10, Linux) which makes the application be used on various devices. Information Technology plays a vital role not only in a particular field, it provides various kinds of solutions and services to the various problems prevailing in many fields. Cabs exploits information technology at the maximum extent. It uses the information technology in an efficient way for providing better passenger services.