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GRAB CAB

Aman Roy[1], Azharuddin[2], Priyanka Goel[3]

[1,2,3]*Computer Science and Engineering Department, ABES Institute of Technology, Ghaziabad, Uttar Pradesh, India*

Abstract - ***The clear objective of this project is to give users a simple, easy and accessible platform for all the cab prices at one place.To save user from the hustle of shifting from one app to another just to check the price comparison between them, we have decided to develop an application which would allow the user to directly compare the live prices of their rides by checking the different prices all at one place.***

***Key Words*: HTML(Hypertext Markup language), Java Script, SDLC (Software development life cycle), CSS(Cascading styling sheets,)**

1. INTRODUCTION

In our day to day life, a large population relies on cabs for their daily transportation purposes. In order to book a cab the user has to go through the interface of the application he/she is using for booking a cab.

Every consumer of any service would want the best experiences for the cheapest rate and cab booking services are no different. In today's world where the business rivals give extraordinary offers to their consumers for the soul purpose of increment in sales. Our Vision is to use this rivalry of different cab booking services and use it in our favour.

The primary motive of this project is to provide users an easy and hassle free interface where they can easily compare the prices of different cab booking services and choose the best option for them. The project offers six different cab booking option for different types of user around the world. With our project the users will be able to compare and book the cab at the same place.

1.1 Objectives of the Grab Cab

1) Time is really important in everybody's life and all of us would like to save it hence by using our platform the user can simply save a lot of time by comparing prices of different cab services at the same page and decide which cab he want to book.

2) The option to choose the right service should be given in the favour of the users and this project provides exactly the same platform which enables user to go through all of their option and thus decide which one is the best for them.

2. PROBLEM STATEMENT

Today we have multiple options to travel from one place to another where as each of those transportation methods varies in prices comparisons. Since the rise of digital reach in India has given a very wide market for online services consumers in India, it gives a huge boost to the platform where the main focus is to boost the traffic surfing of the website.

Since the rise of the digital marketing has risen us so up, a lot of people now prefer booking cab for over online applications rather than taking autos or taxis.

Reasons why users prefers online cab booking services

1. Easy to book cabs before the before the departure time.
2. No negotiation with the cab driver about the price of the ride.
3. Attractive offers for the users.

That is why we came up with this innovative platform of booking cabs.

3. COSTRUCTION AND WORKING

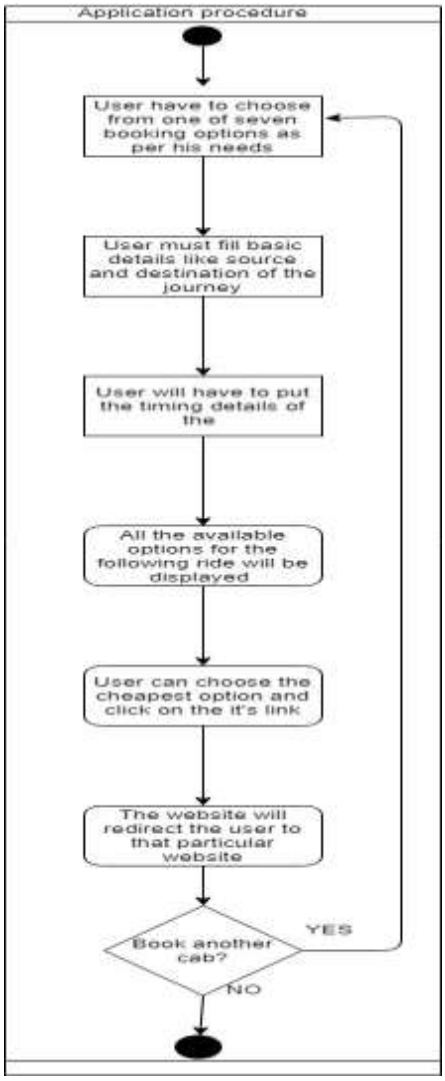


Fig. 1: Basic Block Diagram

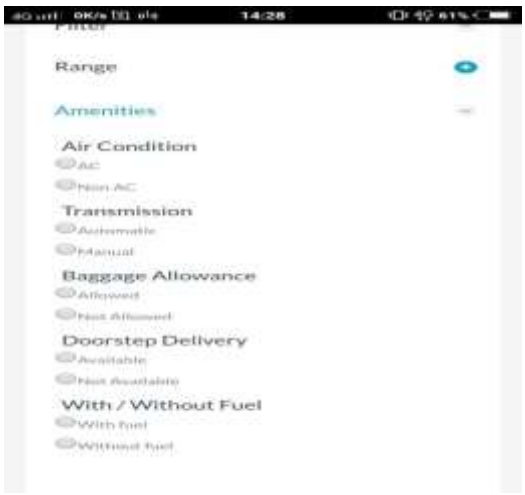
3.1. System Overview

Our project not only is use friendly but it also shows great compatibility towards mobile users since mostly all the user book their cab through their mobile phones which they use all day along them. The website which is being prepared can work efficiently on mobile browsers as well. The Crab Grab will provide six different cab booking options to the user among which the user can decide which cab services he would like to have. The Seven different options for booking a cab is

- Monthly rental
- Sight seeing
- Luxury
- Out Station
- Quick Cabs
- Self Drive
- Hire a Driver

Fig 2: Figure shows the page where user fills the details.

Fig. 3: Pickup details for cab



3.2. Website Overview

The Website is embedded with different filters which respond according to the user requirements. The platform which are building is based upon the website which would show user multiple cab booking options and will allow the user to go through their desirable cab booking service. Our platform will only provide a gateway to these users who are in seek of booking a can thus increase the traffic of following different cab booking services servers.

The values which will be used in the project will be the values which we would be integrating into the database for following demo purposes. For live pricing of different cab services the project would require certain API of different serves of the cab booking corporation.

The interactive user interface of the website allows user to simple compare the prices of all the cabs. The front end of this project is developed with the help of HTML and Java Script, With the help of different filters we are able to put different modules of the cab services at the same platform. The database which is connected with the website works with the help of Python programming language. User can also select the option of quick cab for shorter distance travel.

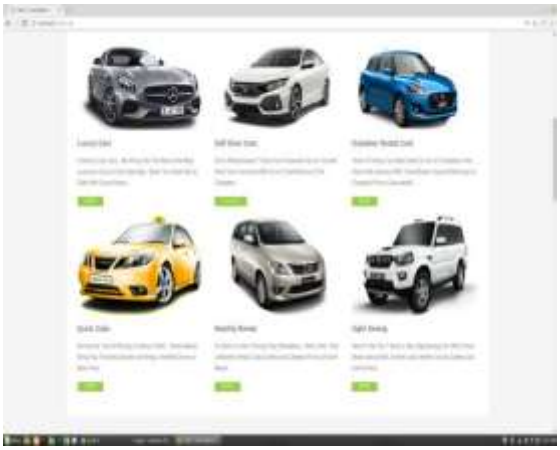


Fig. 4: Website View

4. ADVANTAGES

1) User friendly interface
2) Reduced user time
3) Provides a variety of options
4) Shows the cheapest option
5) Gives user the freedom to select the best option for him.
6) Different options for different types of needs are provided.

5. FUTURE SCOPE

This project can be seen as the future of booking any cab from internet since it provides a large variety of different options to the users from which the user can select the best one for them.
Also the traffic which we would be providing to the website can be used a part of the deal with the different cab booking stations in the favour of money and other profits.

The project can save a lot of time and money for the user hence.

6. CONCLUSION

This website is capable of providing multiple cab booking options for the user who are in seek of booking any cab. Not only this project will save them money but this website can be also used for several other purposes as well.

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