VIVA-TECH INTERNATIONAL JOURNAL FOR RESEARCH AND INNOVATION
ANNUAL RESEARCH JOURNAL
ISSN(ONLINE): 2581-7280

PICK UP US – PICK AND DROP SERVICES FOR PASSENGERS APP

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Abstract : *PICK Up US – pick and DROP service for passengers project is to prepare a Application for the give lift to the needy passenger. The Application must be like user can take left to the car owner & That Car owner can help needy people. With the help of this application car owner and user can travel together and reach their destination with comfort With the help of this project will do is, user can search their source and destination of trip if car owner and user have same destination then car owner and user are go for ride because of this application we can overcome traffic on road and pollution in atmosphere There must be a log in for the User, Car owner, admin. Admin can see all details of user &car owner.*

Keywords - *Car owner, Passenger, Admin .*

I. INTRODUCTION

Today everyone used smart phone and so they are familiar with the apps . application are actually help to in day to day life for examples for ordering some important stuff just open amazon app and make order what ever you want. This Pick Us Up – Pick and Drop Service for Passengers App is a modern days tool so that solve our day to day transportation related problems. There are a number of issues when it comes to travelling from one place to another, some people don't have their own vehicles, and others don't want to use public transport like buses to travel, independent taxi owners asking for higher fares and many more.

Pick Up Us – Pick and Drop Service for Passengers app aims to provide relief to people facing these issues by providing easy to book, cheap and pleasant taxi rides to anyone with access to a smartphone. The Pick Up Us– Pick and Drop Service for Passengers app is a two - way tool that encourages both the customers in need of a ride as well as car owners and Pick & drop service for passenger providers to register with the app, thus diminishing the distance between customers and car owners.

With the help of pick & drop services for passengers app eliminates the need of bargaining that the customers and the drivers have to go through as it makes sure that price one pay for a ride is minimum. This is ensured by the fact that there are multiple cab service providers and the customer has the option to pick the one providing best services for the lowest price.

II. HEADINGS

2.1 Importance of project

Today every day fuel price is increase and also many people are used their private vehicle to travel to their destination but with the help of this project we can overcome the traffic on road and also overcome pollution on the earth. With the help this app we can user or passenger are save their time instead of standing on bust and queue and user can travel their destination with comfortable. The importance of project is people can travel their destination with comfortable an less Money and using this app we can overcome pollution and traffic. This app can be used everywhere local as well as rural area. People can save their time, instead of waiting for vehicles they can travel as per their comfort time.

2.2 Motivation

We decide to create this project because using this application people can help to another people. “pick and drop service passengers" is an important transportation mode between public and private transportations, it play an important role of delivering millions of passengers to different locations in city areas. However, vehicle demands are usually much higher than the number of vehicle in peak hours of major cities, resulting in that many people spend a long time on road sides before getting a vehicle. Increasing the number of vehicle seems an clear solution. But it brings some negative effects also, e.g., causing additional traffic on the road surface and more energy use, and decreasing vehicle driver’s income considering that demands of vehicle would be lower than number of vehicle during off-peak hours.

2.3 Literature Survey

Passengers use smart phones for pick and drop services. Transportation is a concern today in large cities in many developing countries. and the wide spread adoption of smart phones in these regions, so we think to developed an application for car owner and passengers. And passengers for pick and drop service app aims to provide relief to passengers facing these issues by providing easy to book. & The pick & drop Services App is a modern day tool to solve our day to day transportation related problems.

There are a number of issues when it comes to travelling from one place to another, some passengers don’t have their own cars, & others don’t want to use public transport like buses to travel, independent car owners asking for higher fares and many more. pick and drop service for passengers basically deals with the type of service when the passengers want to travel to the back of beyond meaning the drop location must be beyond the city boundaries, no matter how far picks up and drop location are. The application which we have designed is mainly meant for pick and drop service for passengers Travel is fun and when it comes to travel by a cars, we get an experience to see the several beauties of nature very closely, and travel explorations to tell the world the glories of our journey.

Sometimes all you wish for is a relaxing vehicle ride from your doorstep to your destination. Firstly, the user has to create an account by registering on the organization’s website and login using those credentials. After entering to his account he will find various vehicle details and their prices after specifying the source and destination. Finally, he will get the information of the vehicle that he had booked along with booking ID, adhar card number, driving license number, car number and other parameters. The primary motive of this project is that the passengers are provided with pick and drop service & security, unlike the other vehicle service systems.

III. METHODOLOGY

In this application There are three entity
1.Car owner
2.Passenger
3.Backend

3.1 Car owner

Car owner install our PICKUSUP application from the google play store. Then After installation application He /She click on Register As Car owner login with Email ID & then Password for create Account after that He/She Upload their documents like Aadhar card , Driving licence & car documents, mobile number.After this process our Back end team verify user ,documents is valid or not & they approved for next process & Car owner see their dashboard. Whenever car owner wants to ride he or she just click on schedule trip & car owner select their source & destination after that set date and time for trip select number of passenger & set a valid cost for ride. & click go to trip. After this process click your trip is broadcast to passengers.

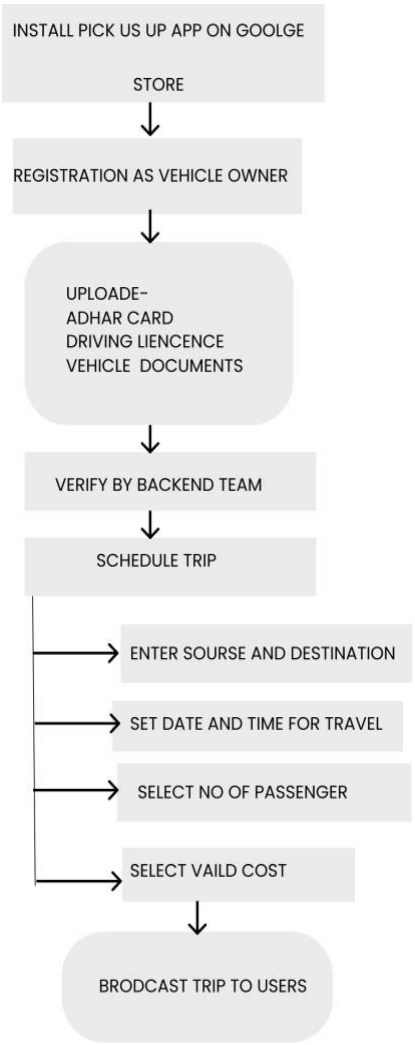

Fig.1. Flowchart for Car Owner

3.2 Passenger

Passenger can install our pick us up application from the google play store and after then installation passenger click on Registration as car owner and Register using mobile number or email ID. And passenger want to ride just and list trip by amount that broadcasted ride is seen by passenger. And For find trips passenger can select their source & destination , select date and time , click on find trip. After this passenger sees list of ride. Passenger select driver & sees driver detail & rating After this passenger & car owner go to ride.

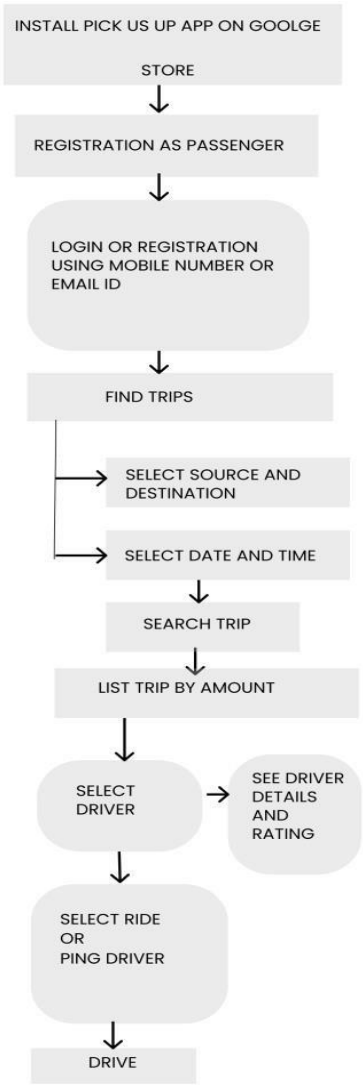

Fig.2. Flowchart for Passenger

3.3 SCRIPTING LANGUAGES

1. PYTHON
Python is most popular language is used for the make application
2. HTML
HTML is the standard markup language for Web pages. With HTML you can create your own Website.
What does HTML mean. HTML is a scalaton. Means it is a header section. Basically HTML means a structure a scalaton. What is the scalaton of a website, there is a header, there is a footer and there is a medium body. The only structure in HTML is header, footer and body. HTML is the standard markup language for creating Web pages HTML describes the structure of a Web page HTML consists of a series of elements HTML elements tell the browser how to display the content HTML elements label pieces of content such as "this is a heading", "this is a paragraph", "this is a link", etc

3. JAVASCRIPT

Create a website in javascript do. Javascript basically if I click on the button then the data of the frontend which will remain after clicking the button, should be given to the backend in the frontend.

4. CSS
CSS is the language we use to style an HTML document. Whatever color, height, width are given, they are given by CSS. It is called a cascading style sheet. Styling has a seat where we do styling. CSS describes how HTML elements should be displayed. What is CSS: CSS stands for Cascading Style Sheets CSS describes how HTML elements are to be displayed on screen, paper, or in other media CSS saves a lot of work. It can control the layout of multiple web pages all at once 13 External style sheets are stored in CSS files

5. SQL ALCHEMY(DATABASE)
MYSQL is used for update database in application to store the user the data. And also databases are used to store data that resides in tables in the format of rows and columns.

IV.CONCLUSION

With the help of this application passengers can travel their destination with good comfort and affordable price. vehicle owner can get some money to just giving lift to people and because this app we can overcome traffic on road & pollution in atmosphere This APP We can decrease burden on government vehicles service so indirectly peoples are used less fuel for their private vehicle and give help (lift) to needy passengers .

FEATURES

1. In this app we can observed car owners details (example – rating,
2. behavior of that car owner , how much experience have in driving
3. We can track our trip
4. We can chat with driver
5. We can call with driver
6. We can update our profile

ADVANTAGES

1. With the help of this app people can save their time instead of stand in Queue for public transport
2. User can reach their destination with less amount of money
3. This application is used in city and rural areas

ACKNOWLEDGEMENTS

We shall be failing in our duty, if we will not express our sincere gratitude to all those distinguished personalities with the help of whom we have successfully completed our project. My deep gratitude to Dr. Arun Kumar, Principal, Viva Institute Of Technology, who always been playing a great role in all round development of the student. My deep gratitude to Prof. Archana Ingle, The Head Of Electronics and Telecommunication Department for her valuable guidance, advice and constant aspiration to our work, teaching and non-teaching staff for their kind support, help and assistance, which they extended as and when required. Last but not the least we wish to thank my friends for providing technical and moral support. We hope that this project report would meet the high standards of all concerned people and for their continuous co-operation during the whole period of period of project that helped us in enhancement of this project..

REFERENCES

[1] Allamdas Rohit H. (2017) "A Study of surge pricing by Uber & Ola legal in India", Airo International Research Journal, Vol XI. ISSN: 2320-3714.
[2] J. Yuan, Y. Zhen, X. Xie, and G. Sun, "Driving with knowledge from the physical world," in Proc. 17th ACM SIGKDD Int. Conf. Known. Discovery Data Mining, 2011, pp. 316–324.
[3]http://www.citycab.com.sg/services/ nts/sms booking.html. http://www.comfort-transportation.com.sg/ booking svcs.html.
[4]S.Consulting. The New York City Taxicab Fact Book. [Online]. Available: http://www.schallerconsult.com/taxi/taxifb.pdf, accessed 2006.
[5]"Uber Newsroom," 13 December 2016. [Online]. Available: https://newsroom.uber.com/locations/.
[6] A Attanasio, J. F. Cordeau, G Ghiani, and G Laporte, "Parallel tabu search heuristics for the dynamic multi-vehicle dial-a-ride problem," Parallel Computing, vol. 30, pp. 377-387, March 2004.
[7] N. McGuckin, and N. Srinivasan, The Journey-to-work in the Context of Daily Travel, In Census Data for Transportation Planning Conference, 2005
[8] Aditya Gupte, Anuja Gaonkar. (2017),"Online Cab Booking System", (IJSRD) International Journal of Scientific Research and Development vol. 10, issue 10, pp. 679-683.
[9] Mr. Winbo Zhang and Mr. Satish v. Ukkusuri, "Share-a-Cab: Scalable Clustering Taxi Group Ride Stand From Huge", IEEE Access date of publication january 8, 2021.
[10] Gowtham Mamidisetti, Ankitha A.k, Deepa Sarker, D.Siva Naga Sheshi Reddy, and C.H. Prudhvi Raj, "Secure Outstation Cab Service", International Journal of Innovative Technology and Exploring Engineering (IJITEE), Published by Blue Eyes Intelligence Engineering and Sciences Publication.
[11] Gooi Sai Weng, Suhaiza Zailani, Mohammad Iranmanesh, Sunghyup Sean Hyun, "Mobile taxi booking application services continuance usage intention by users", ©2017 Published by Elsevier Ltd.
[12] Peng Zhou, Tamer Nadeem, Porlin kang, Cristian Borcea, and Liviu Iftode Department of Computer Science, "Cab Booking Application Using Short-Range Wireless Communication", 3rd IEEE International Conference on Pervasive Computing and Communications (Per Com 2005), 8-12 March 2005.