Annals of R.S.C.B., ISSN:1583-6258, Vol. 24, Issue 2, 2020, Pages. 245 - 250

Received 24 October 2020; Accepted 15 December 2020.

Design and Implementation of Fuel Mateapplication

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Abstract:- There is wonderful increase in population, due to this there is increase in number of vehicles. The rise in number of vehicles had led to many problems like traffic blocking, increase in consumption of fuels, rising travel costs. Considering all these problems we have considered different papers. This paper introduces bike sharing application which will help people to travel on one bike and share their expenses and also reduce pollution.[1] complicated applications are gaining popularity in the market over various cities as an adroit part of traveling with ease and being eco-friendly. Such application in the future have a wide scope ranging from IOT (Internet Of things)Integrated smart systems for homes to super smart bikes comprising of computation as well as communication features. Systems such as these will able the service providers to access information counting user demands and real-time as well as non-real-time scenarios for an Improved Quality of Service (QoS) of the application. With the rapid increase in human population, there exists a dire need to solve for the ever-growing traffic and create a faster, simpler method which will reduce traffic and carbon footprint perceptibly. Bike pooling is a notion wherein any user can share/book a bike-ride depending on whether or not he/she owns a bike through a simple mobile function.

This paper proposes a framework to secure a multi-modal bike sharing service Earth's rising temperature is a product of continued emissions of greenhouse gases. Transport is a big part of this and the transport of people and goods with fossil fuels is a causative factor.Android application which offers an easy way of traveling from one source to a destination and at the same time an easy user-friendly interface usable by any section of the society.

I.INTRODUCTION

Travelling from one place to another has become the main issue of the culture now-a-days. Increased population has given rise to improved number of vehicles for travelling purposes. Due to this, carbon emissions are being at large in large amount which is harming the environment. And also because of increasing number of not public vehicles mostly cars, the parking problems are increasing and also pollution is rapidly growing. People are also torment from high travelling costs and also fuel prices are rising. In order to overcome these problems, this paper is useful for judgment different solutions on it. Bike pooling is an android application in which people will share bikes to travel distance which goes along the same route of the bike user. Bike Pooling is a pick-up and drop-off examine provided to the users according to their needs. Hence number of vehicles will be reduced so that traffic blockage problems, air pollution will be reduced.

Bike pooling also helps people to share their travel operating cost that is fuel costs which will also be useful to save fuel for future use as fuels are getting decreased day by day due to large

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amount of utilization. In this application Aadhar card link will be added for getting user's true identity. It also includes Google maps for tracing real time navigation. This application is valuable for booking bikes from home also.[1] civilization has never consumed as much energy as we do today. The climate of the earth is getting stove and according to the UN climate panel, humans have influenced most of this. Earth's rising temperature is a product of continued emissions of greenhouse gases. Transport is a big part of this and the transport of people and goods with fossil fuels is a causative factor. Car usage has increased, and that contributes with increasing air contamination, accidents and noise.

The Bike pooling or BSS (Bike Sharing Service) is a term for a handy and efficient way of traveling in our daily lifestyle which include a change of data over the internet and also allows users to search for a ride instantly. Bike-pooling is a concept aiming at disrupting the way people travel intra-city in turn increasing the pollution satisfied exponentially in the environment. With the rapid increase in human population, there exists a dire need to solve for the ever-growing traffic and create a faster, simpler method which will reduce traffic and carbon footprint perceptibly. Bike pooling is a notion wherein any user can share/book a bike-ride depending on whether or not he/she owns a bike through a simple mobile function. Surveys have found that the disparity in the economics of sharing a ride and traveling solo allows a person to save almost up to 60% of the total ride cost. Moreover, zipping past the city on a two-wheeler a long with some company during heavy packed full traffic hours gives an opportunity to interact as well as save time as the traffic also reduces marginally.

II PROPOSED SYSTEM

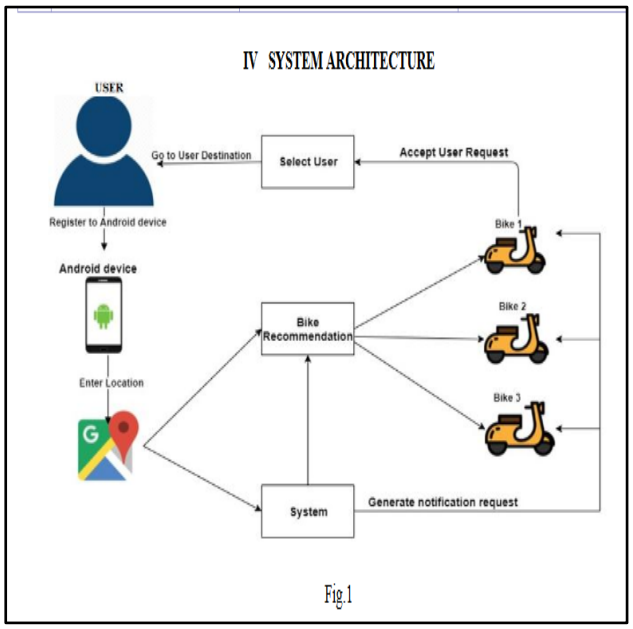

Fig 1 - System Architecture

III.IMPLEMENTATION

User Module: This module handle all the data related to bike information, news about bike, bike data, information about all bike details etc. In this module bike driver can also modify the existing customer information or staff information and can also search the customers or staff according to different parameters.

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Fig-2: User Login

This interface is for sign in and create account and also used for forgot password

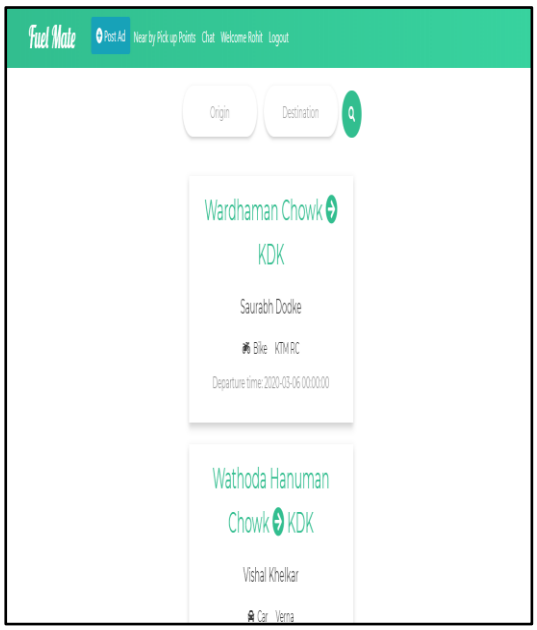

Fig-3: User Details

In this interface we can see Post ADD ,Near by Pickup Point, Welcome Note and Logout.

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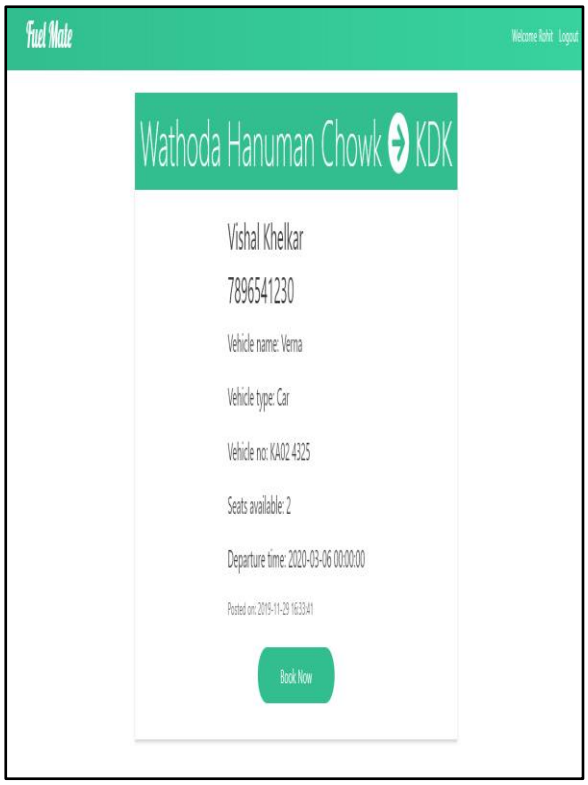

Fig-4: Bike Details

In this figure we are explain about Bike Details in which rider details like Phone No, Bike No, Departure Time, Address, Pick Up Address

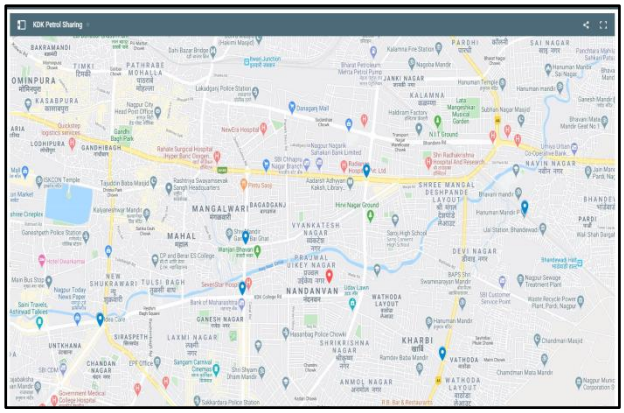

Fig-5: Bike Location

This figure explains Locations and the current location of biker so user can see where is the bikers

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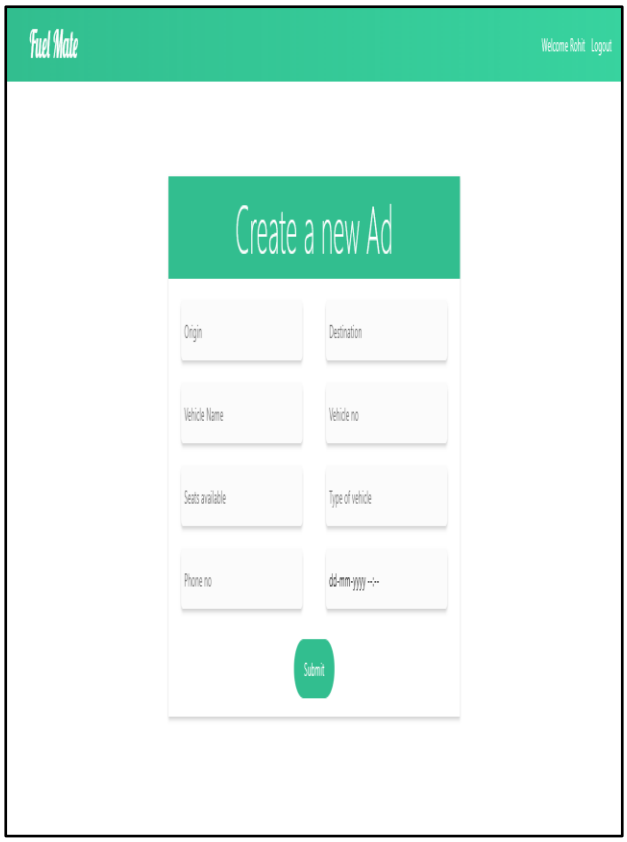

Fig-6: Post Ad

In this figure we can create the bike sharer account

IV.CONCLUSION

The concept of Bike pooling system emerged as a solution to reduce pollution and provide an eco-friendly option to people. It allowed people to travel with each other by the means of using simple android based application which also provided security to users. So for safe, secure as well as comfortable journeys, bike pooling can be considered as the best recommended way to travel nowadays .It is convenient, great to save money and definitely better for the environment. The concept of Bike Pooling is basically sharing a ride with a friend who is going the same way.

V FUTURE SCOPE

We have successfully demonstrated a mobile based vehicle pooling‟ application. We have studied various technologies, algorithms and methods for monitoring system. This application would help in the process of creation of “immediate vehicle pool” events. Thus, we successfully reduced the complex conversations and process needed for normal vehicle pool events. In, future more functionality may be added to make this application more robust and more feature rich. With the use of smart phones, this application, when developed to its fullest, would be able for all to use and make their journeys much more enjoyable and comfortable.

Received 24 October 2020; Accepted 15 December 2020.

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