

Survey Paper On “BOOK MY BUS”

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Abstract- “Book My BUS” is a new Digital Marketplace that allows customers to obtain and compare quotes for a bus hire and select a bus operator. This application will help you in hiring a bus easily, efficiently and will save time. This application is free of costs for customers, and puts you in a position of total control. Customers can assess the performance of operators based on star rating system. This application is free to register and use. It follows the Government guidelines and processes. It also allows users to select specific vehicle requirements like seat belts, luggage capacity, air conditioning and includes operator rating. It also saves you money by getting competitive pricing. It has mapping integration so that customers and bus operator will know about the pickup and drop off locations. This application is available at all times. It is a web based application which has no obligations to select a quote and free of cost to the customers. It has cancellation capability and cancellation fees which are subjected to the operator’s terms and conditions.

Keywords- Digital Marketplace, mapping integration, web based, cancellation capability.

I. INTRODUCTION

Preparing for a vacation is a very tedious task and it takes a lot of effort in booking a trip. So we need to get each and every detail fixed and calculated before going on the trip. Book my bus will make your travels easier as it will allow you to get the best possible and affordable option to plan your vacation. In this app you can surf as a guest or you can register via login. If you are a new user and you want to create a customer account on “Book my Bus” (BMB) then you have to register into the account.

Ticket friendly solution is proposed mainly to overcome the problems in traditional ticketing methods like transferring tickets from one person to another, sharing of tickets, and safer handling of data. This system introduces online booking technology which entirely eliminates the need of paper tickets. It also provides bus transportation system, a facility to reserve and cancel seats. This system can be used by the users in performing online reservation via internet for their business purposes. It includes maintenance of information like scheduling. Also, we get to know about the various operations, which they have to perform manually.

It takes a lot of time and effort which leads to various errors. The person can thus find out the destination place easily by pressing the buttons available on that machine with the help of zigbee.

II. LITERATURE SURVEY

“Development of an Online Bus Ticket Reservation System for a Transportation Service in Nigeria”-This article describes that the manual use of bus reservation is presently very strenuous and also consumes a lot of time by having to stay on a long queue. For this reason, an efficient system is to be proposed in this paper to ease the issue of bus reservation amongst indigenes within the country. The system is a web – based application that allows visitors to check bus availability, buy and pay bus ticket online. In this paper, the proposed bus reservation system was developed.

Factors Influencing Online Bus Ticket Booking”- This article gives the details about the study on cyber ticket booking and believes that each factor should be explored for lucrative opportunities unveiled by the cyber applications

Results revealed determinants on-demand, cashless, all in one, privacy acts as keenness factors and determinants less expensive, secure, situation, time saving acts as acceptance factors. This study would be beneficial to “cyber based service providers to meet the necessities put forth as the scale of service increases.

www.redbus.com-This website describes the application redBus which is also used by the users for booking bus and making journey. This application is beneficial to cyber based service providers to meet the necessities put forth as the scale of service increases. By using this we can minimize manpower in buses and ticket counters, predetermining of the bus can be done to find the destination exactly, safe journey can be assured without any disturbance.

III. PROPOSED WORK

The “Book My Bus” application is similar to the “redBus” application as well as “bookmybus” application. This application helps user for online booking of bus from any

place. The complete flow of the system and the functional modules of the system are as follows:

A. Flow of the System :

There will only be one login for the users who wish to book the buses in the future. So for the user needs to first register into the application to get the booking facilities. If the user is not registered then he can only surf the bus routes and the locations but cannot book the bus.

The admin will validate if the user is registered or not. After Login to the application, the user can view the bus location and the bus routes, book the tickets for the trip or cancel the ticket which is being booked. User can also post comments.

Admin Module can update the bus information, if the bus is available or not at the moment. He can view the booking details that is being booked by the user. He will receive the payment information and can generate the report of the previous trips made by the customer.

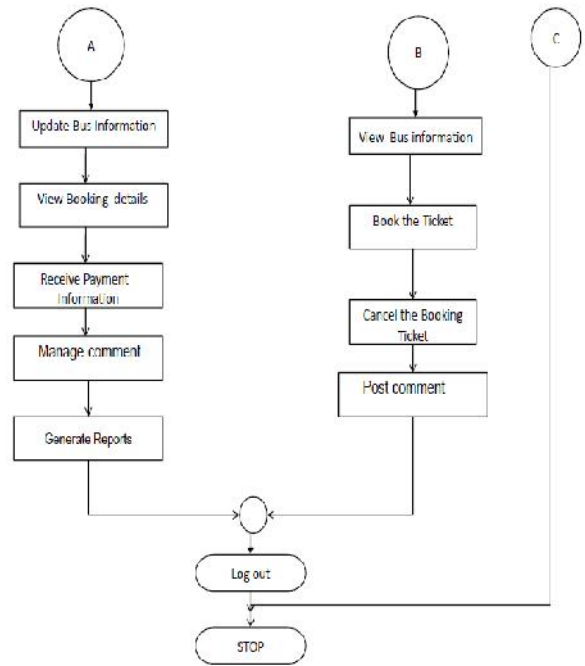


Fig: Flowchart for Book My Bus

B. Functional Modules:

The whole system is divided into four modules. They are Registration Module or Login Module, User Module, Admin Module, Ticket Booking Module, Cancellation Module.

1) Registration or Login Module :

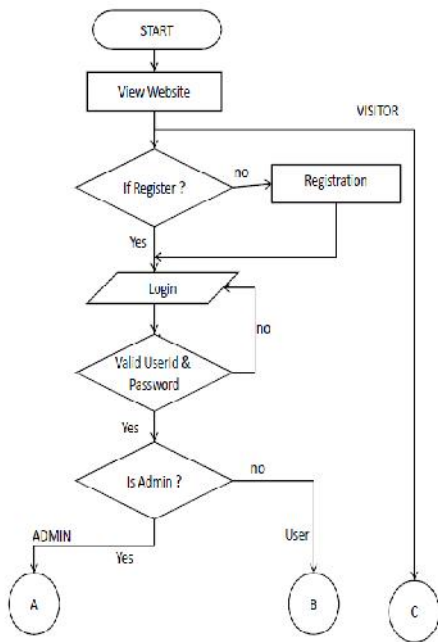
There is only one registration module for the customers . If the customer is not a registered user, he can only surf the availability of the bus seats as well as the location.

2) Admin Module :

The Admin module will evaluate even if the user is not registered. If the user is not registered, he will not be allowed to book the bus. The Admin can update the bus information whether the bus is available for the location or not . Admin can generate for the trips made by the user so that he can offer various trip packages to the regular users. The Admin can also manage the comments posted by the different viewers on the application.

3) Ticket Booking Module :

In ticket booking module, user can book tickets for the trips. He can view the routes and accordingly can check



the availability of bus and can compare the price obligate for booking the trip.

Many offers will be provided for the regular user as packages on this application for making more trips.

4) Cancellation Module

If the user wishes to cancel the booking of the trip, he can do it by sending the request to the admin. The payment of the booking will be returned as per the terms and conditions.

IV. CONCLUSION

The “Book My Bus” is a web based application which will provide users to make their booking for bus by just applying request for the ticket booking. All you need to just select the location as well as the bus route you wish to choose. In this application, user can compare various buses for the trip and according to the convenience and the affordability of the user, he can book the bus. This application will update all the information regarding the bus availability as well as availability of the seats for the particular route.

This application will also give you about the history of the trips made by the user. It will also provide various offers to make more trips by the user.

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