

Smart Transport Assistance

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Abstract - Computers have become an essential part of organizational information processing because of the power of technology and the volume of data to be processed. Through the technology, the manual process, defects and time consumption can be reduced. That's in all the area of business, computer technology is widely been implemented. Hence the inception of computers had a great role in reducing large tasks to simpler one. This project "Smart Transport Assistance" has been designed in PHP as front end and MySQL as the back end. The main objective of this project is maintaining good relationship with the customer and by providing them the best service. The main advantage of this site is the user can easily know about the timings of all buses. It will reduce the time for customers. This website is very soft and simplifying program as user defined to understand the user's mind to clear. It will reduce the man power and reduce the time to spend. And it is used to store all the details which all are given by soft program and it can view those details whenever they want. You can't remember many details by using mind power but using this soft program you can see the timings details which place you want.

Index Terms: Smart Transport Assistance, Bus Timing, Bus Booking, View Timings.

I. INTRODUCTION

In these urban life transportations is very common. A lot of miss happenings occur on the road every day. Therefore, the need of security and monitoring is developed. Standing for bus on the respective bus stops without knowing the arrival and departure time of the bus, for respective stops accurately and also buses available for in that route. If any accident happens the affected people have to wait for period of time to

receive the emergency helps from the accident occurred. The sudden stopping of the bus due to the scarcity of the fuel in the fuel tank. This proposed system developed for overcome and resolve the above faults. The system introduced in this paper was specially designed for Educational Institutions buses. This proposed system developed for overcome and resolve the above faults.

Features:

- 1) It will make your transportation easier.
- 2) To get the stations that are near from you.
- 3) To get all the buses with the locations they will go to.
- 4) Able to know when the bus will be near the station.
- 5) To get all the bus and the driver details so if you lost something you might find it again if you know where the bus that you took it is.

II. SYSTEM STUDY

EXISTING SYSTEM:

In the Existing System of Time Delay process to be occurred because information related to all Bus Timings are stored in different database. Since all the Information are stored in different places it takes a lot of time to prepare different reports. The Existing System of Bus Navigation System that is the customer to waiting for Buses.

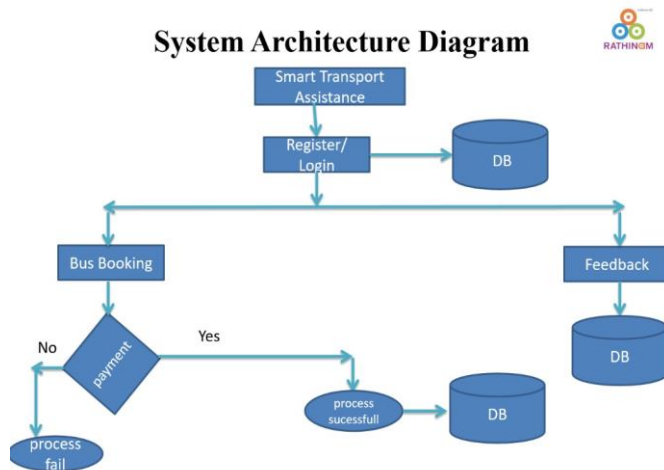
Disadvantages:

1. More Man Power
2. Time Consuming

PROPOSED SYSTEM:

Smart Transport Assistance application will help save their time and without standing for buses for long time. It can find all the bus related information online without going to the bus station. Admin can follow the route of all buses and also changes of timing buses should be updated in this website.

System Architecture Diagram



Advantages:

1. Proper control of the higher officials.
2. Minimize manual data entry.
3. Minimum time needed for the various processing.
4. Greater efficiency.

III. SYSTEM DEVELOPMENT

The project consists of following modules:

1. Admin login
2. Bus Timing Entry.
3. View Timings
4. Feedback
5. User login
6. Bus Booking

Admin login:

It has admin login who has the authority of the system and acts as a communicator between Consumers. Admin can add and delete notifications and updates in the system.

Bus Timings Entry:

Administrator adds the Bus Details like Bus id, bus name, seat. The Bus details store into the database. Administrator only has the permission to add the bus Details.

View Timings:

In this module, Information related to all routes will be added in this module. Information like From Where to Where, the distance between two locations along with the timings.

Feedback:

The user can send the feedback about the Bus details. Admin can send response to respective Users.

User login:

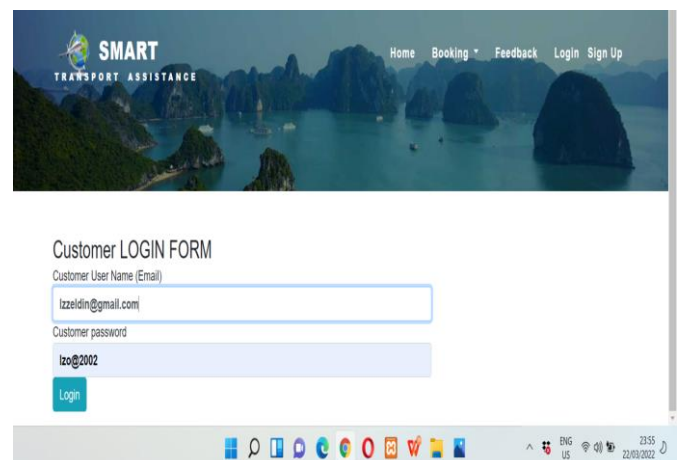
User has to first create an account in the system to gain access. User can then view their previous pending balance and electricity unit being used by them.

Bus Bookings:

In this module, the customer can view the overall Booking of Travel at any Locations. The Customer will also have the Managing Bookings which Shows the History of Bookings that are done till date.

IV. OUTPUT SCREENS

Login Form



Personal Information Form

Personal Information

First Name

Phone Number

E-mail

Location

City

State

PostalCode

password

V. CONCLUSION

The “SMART TRANSPORT ASSISTANCE” has been developed to satisfy all proposed requirements. The process is maintained simpler and easier. The system is highly scalable and user friendly. Almost all the system objectives have been met. The system has been tested under all criteria. The system minimizes the problem arising in the existing manual system and it eliminates the human errors to zero level. The design of the database is flexible ensuring that the system can be implemented. It is implemented and gone through all validation. All phases of development were conceived using methodologies. User with little training can get the required report. The software executes successfully by fulfilling the objectives of the project. Further extensions to this system can be made required with minor modifications.

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Main Form

WELCOME TO TRAVENTURE

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