Bus Pass Renewal System Using Android Application

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ABSTRACT

In this networking world people are using mobile phones and its increasing for day to day. So most of people having a mobile phone, and their know how to handle for lot of applications. So, this project is developed as android application. This project "BUS PASS RENEWAL SYSTEM USING ANDROID APPLICATION" is a real time project which is helpful for the students or users who are facing problems with, the current manual working of bus pass registration and renewal.

The existing system as initially students need to register with the application by submitting details of photo, address proof, and required details and submit through offline. The users could not be apply new bus pass and renewal the bus passes without standing in a line for hours near counters. Then the administrator will verify the user details and if they are not satisfied user documents, they will not approve bus pass. It also increases the validity period. So, it will makes lot of time waste.

The proposed system is concerned about bus pass renewal of the users in the general public transport service who are facing issues with the present manual work of renewal system. This bus pass registration application will help students save their time and renewal bus passes without standing in a line for hours near counters. Users or students need to register with the application by submitting details of college address, bus details, and required details and submit through on the online.

They will confirm your details and then they will approve bus pass. User Renewal or Registration can be done using a voucher or even by a credit card. Bus pass Renewal System Project is short-out the present manual work of bus pass registration and renewal.

Keywords: Apply, Renewal, New route, Accept, Decline, Remove, Add, Report.

1. INTRODUCTON

The project entitled "BUS PASS RENEWAL SYSTEM" is developed using Android as front end and MySQL as back end. Bus pass registration is useful for students who are facing problems with the current manual work of bus pass application. In the manual system the user has to go on particular time if they fail then the registration cannot be done.

This Android bus pass registration application will help users to save their time and renewal bus pass without standing in a line for hours near counters. Initially users ought to register with the supplication by submitting their details through on-line. The administrator will verify the user details and if they are fulfilled they will approve bus pass.

The user be able to login with their username and pass-word and renewal is performed. The renewal method is carried by paying the cash using the master card. Since now a days internet plays a major role in day to day life, all the works which are done manually now done using web applications.

Since internet is available for all the users and the network is so big that all the works are done online. This bus pass is done manually now a days, this application helps all the students to renewal their bus pass online. This site has the provision for registration and the acceptance from the administrator of the site.

Once accepted, the users can login the site and can renewal the bus pass using mobile. This eases the work tremendously and all the work is done automatically so that no manual work is needed for the renewal.

2. SYSTEM ANALYSIS

EXISTING SYSTEM

In the existing system bus pass registration and renewal method are carried out manually. The person goes to the counter and have to submit the details and then they have to wait for approval. For each and every process there is time limit specified if the person does not go on time then all the transactions

will be cancelled. It takes more time to finish each and every transaction for bus pass renewal. For bus pass renewal they have to stand by in the long queue and then only they can get the pass. So it is very trouble-some for the users.

PROPOSED SYSTEM

The proposed system short out the drawbacks in the existing system. In this proposed system user register their details through online and get their individual username and pass-word for further processing. For renewing the bus pass there is no be in need off to wait in long queue for renewing. The user can login and renew their bus pass using master card. It is quick operation and they can do their renewal in their own place itself. It is very useful to the users.

3. DEVELOPMENT ENVIRONMENT

HARDWARE REQUIREMENT

Processor	: Intel(R) Core(TM) i3
Processor Speed	: 3.06 GHZ
RAM	: 2 GB
Hard Disk Drive	: 250 GB
CD-ROM Drive	: Sony

SOFTWARE REQUIREMENTS

Operating System	: Windows7
Technology used	: Android
IDE	: Eclipse
Database	: MySQL

4. MODULES DESCRIPTION

BUS PASS APPLICATION

Account creation is the first phase in this project. The user has to provide with the complete details to create a new account. After successfully completed of account creation only the user can able to using the online bus pass facility. All the transactions are performed based on their reg-no.

BUS PASS RENEWAL

In this module, the user enters into the renewal from for renewal of bus pass. The user to act the renewal for month must be, give user-id and the necessary details. For making the payment through online user gives their master card number and pin number for cash transaction. Once the operation is completed the user will be renewed their bus pass in this application.

BANK INFORMATION

This module is done by the user. Once the user is registered and the admin accepts the user the can login the system. Once login the user can enter the bank information such as bank name, card number. Then the information is saved in the database and is checked against the renewal of the user.
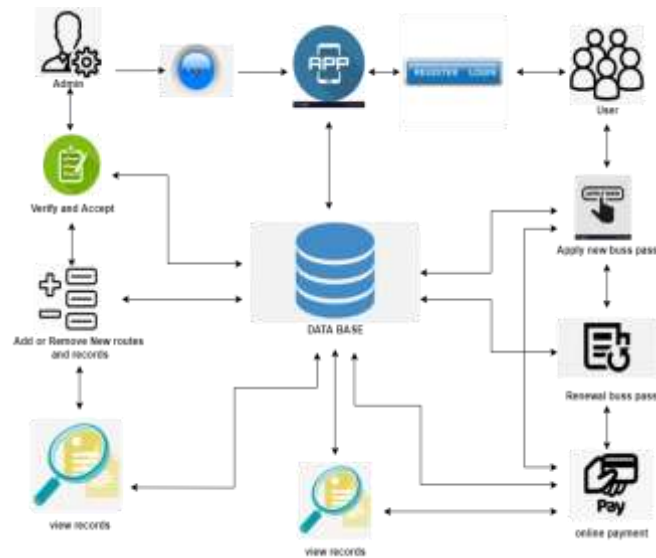
NEW ROUTE

This module is done by the administrator. The administrator creates the source, destination and the actual fare for the travel. Once created it is displayed in the display menu. The administrator can remove the unwanted route from the table.

REPORT

This module is the final phase in this project. Once all the process have been completed in bus pass renewal the user can get the current month report for their reference. If the user clicks the report, then it shows the month of renewal, date of renewal and the amount paid.

5. SYSTEM ARCHITECTURE

6. CONCLUSIOIN

We have developed an Android based mobile application in which the students can apply and renewal for the bus pass. Since this is a mobile application every student can use this application in mobile. The admin can view the applications and renewal details in the administrator application.

7. FUTURE SCOPE

Bus pass system to provide the option to download a particular pass soft copy of pass. In the future scope supervisor can check bus pass using QR code scanning method.

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