

# Student Bus Pass Management System

Ganesh.D<sup>1</sup>, Kovarathinan.S<sup>2</sup>, Murugan.M<sup>3</sup>, Dhanalakshmi.S<sup>4</sup>

<sup>1, 2, 3, 4</sup> Dept of Information Technology

<sup>1, 2, 3, 4</sup> SriMuthukumar an Institute of Technology

**Abstract-** This project is a website system which has been designed especially for the admin to create instant bus pass, update, maintain for student and provide the various types of bus passes based upon user requirements. Once all the required information and photo received from the user, the admin can fill the pass details and generate a new bus pass in admin page. Once the bus pass has been generated, admin can provide print option to the user for printing bus pass and users(students) can access in their user page. User can get their pass by entering our contact number and also see our about us, contact us page of our project. The system has search function also, to filter and view for any particular user information.

## I. INTRODUCTION

Student Bus Pass Management system is a web-based technology that will manage the records of pass which is issue by administrative and also help to provide online bus pass to people who need to travel daily. The Software powered by PHP assures clear and systematic services to the company. This easy to operate system helps to access and change user details, prepare efficient printing potential. The software is designed to prepare good and error free details. The database is driven in my SQL which is providing portability. The resumption procedure can be done session base as per user desire. Bus Pass system projects that manage and prepare several bus pass functionalities.

There is a need to reform the formal system with more benefits and flexibility. This idea is introduced to rectify the flaws in the current system that would help people better. As per the earlier system people had to do every process manually, but this system helps people to do the work a little faster.

## OBJECTIVE OF PROJECT

Student Bus Pass Management System is helpful to bus administrative by reducing the paper work, time consumption and makes a process of getting bus pass as a simple and fast.

## II. LITERATURE SURVEY

### [1] E-BUS PASS REGISTRATION AND RENEWAL SYSTEM

- Ms.N. Vijayalakshmi, G.Karthika

Bus pass registration is useful for passengers who are facing problems with the current manual work of bus pass registration and renewal. The renewal or registration can be done through credit card. In the manual system the user has to go on particular date and time if they fail then the renewal cannot be done. This online bus pass registration application will help candidates to save their time and renewal bus pass without standing in a line for hours near counters. Initially users need to register with the application by submitting their details through online. The administrator will verify the candidate details and if they are satisfied, they will approve bus pass. The candidate can login with their username and password and renewal is performed. The renewal process is carried by paying the money using the credit/Debit card.

Keywords— Bus passes registration, online bus pass, manual work, big data, Credit/Debit

### [2] BUS PASS MANAGEMENT USING PHP AND MYSQL

- Anuj kumar

Bus Pass Management Project in PHP is a web-based technology that will manage the records of the pass which is issue by administrative and also help to provide online bus pass to people who need to travel daily. Bus Pass Management System project is helpful to bus administration by reducing the paperwork, time consumption and makes the process of getting bus passes as simple and fast.

Bus Pass Management system uses PHP and MySQL databases. This is the project which keeps records of the pass which is issue by the administrative. Bus Pass Management system has two modules i.e., admin and user.

## III. EXISTING SYSTEM

Before this application the manual process used to do the process of the issuing the bus pass system to the traveler. This manual process requires man power and more time consuming by introducing Bus Pass Management System to

eliminate above difficulties. Bus pass management system is useful for students to get pass through online.

#### IV. PROPOSED SYSTEM

Student Bus Pass management system will help save your time and renewal bus passes without standing in a line for hour near counters. It can view our bus pass related information in this system without going to the bus station. Administrator can maintain Add Bus Pass Route, View Applied User, Bus Pass Holders, Bus Pass Renewal details. The proposed system overcomes the drawbacks in the existing system.

#### V. SYSTEM REQUIREMENT

- Language Used-PHP5.6,PHP7.x
- Database - MySQL 5.x
- User Interface Design - HTML, CSS, JAVASCRIPT
- Web Browser-Mozilla, Google Chrome, OPERA
- Software - XAMPP / Wamp / Lamp (anyone)

#### VI. SYSTEM MODULE

##### 1.ADMIN:

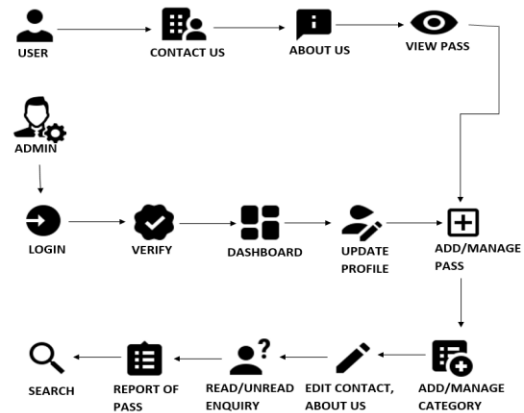
- Dashboard: In this section, admin can briefly view the total number of categories and how many passes will be generated in one day, yesterdays and the last seven’s days
  - Category: In this section, admin can manage the category (add/update).
  - Passes: In this section, admin can manage pass (add/update/take print pass).
  - Pages: In this section, admin can update about us and contact us pages.
  - Enquiry: In this section, admin reads the inquiries which are sent by users.
  - Reports: In this section admin can generate pass reports between two dates.
  - Search: In this section, admin can search a particular pass by pass number.
- Admin can also update his profile, change the password and recover the password.

##### 2.USER:

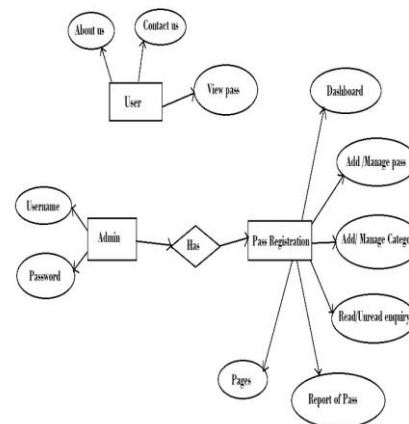
- Home Page: User can visit home page
- View Pass: User can view his/her pass and take print with the help of their contact Number.
- About Us: User sees the details of website administrator.
- Contact Us: User can contact with website administrator.

### VII. SYSTEM DESIGN

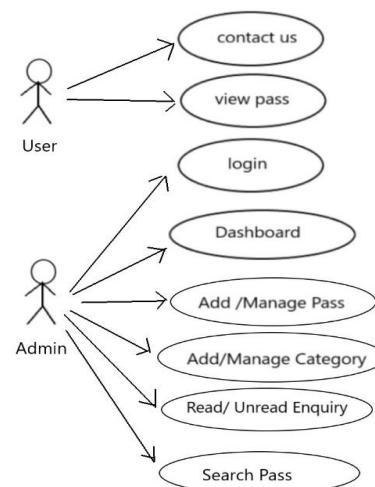
#### ARCHITECTURE DIAGRAM



#### ER DIAGRAM



#### USE CASE DIAGRAM



### VIII. CONCLUSION

The Student Bus pass Management System has been developed to contents all present requirements. The process of getting bus Pass Apply through Online, view bus information and Cost details for given source and destination, Add New bus details and Ticket amount details by admin and all Customer details and Bus pass details and Renewal Details, Payment Details are maintained simpler and easier.

### REFERENCES

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