

Online bus pass Renewal

Submitted in partial fulfilment of the required for the award of

Bachelors of Computer Science

By

Aaron A

(REGISTER NO 40290001)



**DEPARTMENT OF COMPUTER SCIENCE SCHOOL OF
SCIENCE AND HUMANITIES**

SATHYABAMA

INSTITUTE OF SCIENCE AND TECHNOLOGY

(DEEMED TO BE UNIVERSITY)

**Accredited with Grade “A” by NAAC | 12B Status by UGC| Approved by
AICTE**

JEPPIAR NAGAR, RAJIV GANDHI SALAI, CHENNAI 600 199

APRIL 2023



SATHYABAMA

INSTITUTE OF SCIENCE AND TECHNOLOGY

(DEEMED TO BE UNIVERSITY)

Accredited "A" Grade by NAAC | 12B Status by UGC I Approved by AICTE

www.sathyabama.ac.in

DEPARTMENT OF COMPUTER SCIENCE

BONAFIDE CERTIFICATE

This is to certify that this Project Report is the bonafide work of Aaron A (40290001) who carried out the project entitled "Online bus Pass Renewal" under our supervision from AUGUST 2022 TO MAY 2023.

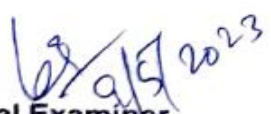

INTERNAL GUIDE

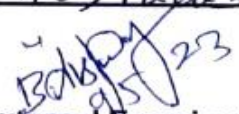
Dr. V. ULAGAMUTHALVI M.E., Ph.D.,


DEAN AND HEAD OF THE DEPARTMENT

Dr. REKHA CHAKRAVARTHI M.E., Ph.D.

Submitted for Viva voce examination held on


Internal Examiner


External Examiner

DECLARATION

I, Aaron A (40290001) hereby declare that the Project Report entitled “Online bus pass Renewal” done by us under the guidance MS.ULAGA MUTHALVI of at SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY, Jeppiaar Nagar, Rajiv Gandhi Salai, Chennai - 600 119 is submitted in partial fulfillment of the requirements for the award of Master of Science degree in Computer Science.

A handwritten signature in black ink, appearing to read 'Aaron', with a stylized, sweeping stroke.

DATE: 17.04.2023

Aaron A

PLACE: CHENNAI

SIGNATURE OF THE CANDIDATE

ACKNOWLEDGEMENT

I am pleased to acknowledge my sincere thanks to Board of Management of **SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY** for their kind encouragement in doing this project and for completing it successfully. I am grateful to them.

I convey my thanks to **Dr. REKHA CHAKRAVARTHI M.E., Ph.D. Dean of Arts and Science** for providing me necessary support and details at the right time during the progressive reviews.

I would like to express my sincere and deep sense of gratitude to my project guides **DR.ULAGAMUTHALVI M.E.,P.Hd, Assistant Professor** for their valuable guidance, suggestions and constant encouragement paved way for the successful completion of my project work.

I wish to express my thanks to all Teaching and Non-teaching staff member of the Department of Computer Science who were helpful in many ways for the completion of the project.

Abstract

The project name as "Online Bus Pass System" is useful for passengers who are facing problems with the current manual work of bus pass system and renewal His/her renewal, or registration can be done through online payment In the existing system the user has to go on particular date and time if they fail then the renewal done Online bus pass system.

TABLE OF CONTENTS

CHAPTER	TITLE	PAGE NO
	ABSTRACT	VI
	LIST OF FIGURES	V
1	INTRODUCTION	2
	1.1 OVER VIEW	2
2	SYSTEM ANALYSIS	2
	2.1 PURPOSE	2
	2.1.1 EXISTING SYSTEM	3
	2.1.2 PROPOSED SYSTEM	3
	2.2 PROBLEM DEFINITION	3
	2.3 FEASIBILITY STUDY	3
	2.3.1 TECHINAL FEASIBILITY	3
	2.3.2 ECONOMICAL FEASIBILITY	3
	2.3.3 OPERATIONL FEASIBILITY	4
3	SOFTWARE REQUIREMENT SPECIFCATION	4
	3.1 PURPOSE	4
	3.2 SCOPE	4
	3.3 OVERALL DESCRIPTION	4
	3.3.1 PRODUCT PERSPECTIVE	5
	3.3.2 PRODUCT FUNCTIONALITY	5
	3.4 SPECIFIC REQUIREMENTS	5
	3.5 FUNCTIONAL REQUIREMENTS	6
4	DESIGN DOCUMENT	10
	4.1 UI DESIGN	10
5	DEVELOPMENT OF THE SYSTEM	19
6	6.1TEST PLAN	19
	6.1.1 SCOPE	19
7	CONCLUSION AND FUTURE SCOPE	20
	7.1 CONCLUSION	20
	7.2 FUTURE SCOPE	20
	APPENDIX	20
	A CODE	20
	B REFERENCE	39

LIST OF FIGURES

FIGURE NO	FIGURE NAME
4.1.1	HOME
4.1.2	LOGIN
4.1.3	RESGITER
4.5.1	ER DIAGRAM

LIST OF TABLES

TABLES NO	TABLES NAME
4.2.1	LOGIN TABLE
4.2.2	LOGIN TABLE
4.2.3	ADD BUS
4.2.4	FEEDBACKS
4.2.5	CREATE PASS
4.2.6	PASS RENEWAL

1 Introduction

Bus pass system projects that manages and provides various bus pass functionality. The project allows users to register on the bus pass website and interact online to manage their account and bus pass related transactions. This project is created to provide “safe , reliable, saving, efficient and affordable” services for user. This idea would help the user in a better way. As per the previous system the user had to do each and every process manually, but this system helps user to make the work bit faster. In this bus pass, all the required details such as candidate name, address, validity period, amount paid. Instead of college details, working organization details will be provided in bus pass. The renewal process can be done Semester base as per user wish. Based on that renewal period amount will be deducted. Bus Pass system projects that manages and provides various bus pas functionality. The project allows users to register on the bus pass website and interact online to manage their account and bus pass related transactions.

1.1 Overview

Online Student Bus Pass Generation system is a web application for students to get bus passes online. Before this through application implementation the manual process is used to do the process of issuing the Bus pass to the students. This Manual process requires man power and more time consuming. The system is intended to develop an application to perform functions like accessing basic information for authentication and provide passes without the need to wait in any queue. online bus pass generation system is for students to get pass through online. Before this application implementation the manual process is used to do the process of issuing the bus pass to the students. To avoid such difficulties, we implemented this system.

2 System Analysis

2.1 Purpose

The main purpose of this project to provide the online bus pass renewal at any time access. So, passengers can renew their passes according to their wish.

2.1.1 Existing System

The existing system of bus pass renewal is usually we need to stand in queue to renew our pass which take much time and moreover we need to renew at the end of the month if we lost the bus pass we need to wait until the month start.

2.1.2 Proposed System

The proposed system overcomes the drawbacks of existing system. To have a QR scan by scanning it we can fetch, renew, apply for a new pass. This bus pass renewal provides the user the avoidance of losage. The main pro's of this project is selecting the renewal date as per our need and the amount will be generated as per the date.

2.2 Problem Definition

To know what the problem is and what the needs are before developing it. Here we design a website of bus pass renewal system to renew the pass through online at anywhere.

2.3 FEASIBILITY STUDY

After the problem is clearly understood and solutions proposed, the next step is to conduct the feasibility study. Feasibility study is defined as evaluation or analysis of the potential impact of the proposed project or program. The objective is to determine whether the proposed system is feasible. There are three aspects of feasibility study to which the proposed system is subjected as discussed below.

2.3.1 Technical Feasibility

Technical feasibility assess whether the current technical resources are sufficient for the new system. We can upgrade the level of technology for supporting our website. We check whether the proposed system can be implemented in the present system without supporting the existing hardware.

2.3.2 Economical Feasibility

Economic feasibility determines whether the time and money are available to develop the system. There is no additional hardware used to develop the site, it is inexpensive to build.

2.3.3 Operational Feasibility

Operational feasibility determines if the human resources are available to operate the system once it has been installed. No extra training is needed to use this system. Anyone who has knowledge in internet in english language can easily use the system. The resources that are required to implement or install are already available with the organization.

3 Software Requirement Specification

3.1 Purpose

The purpose of this document is to give a detailed description of the requirements for the WEBSITE OF Bus pass renewal system. It illustrate the purpose and complete description for the development of the system. It explain system constraints, interface and interactions with other external applications. This document is primarily intended to be proposed to a website for Bus pass.

3.2 Scope

Our project has made it easier for passengers. Bus pass system gives option to download a particular pass or having a soft copy to pass. In the future scope supervisor can check bus pass using QR code scanning.

3.3 Overall Description

This section give an overview of our website, WEBSITE OF BUS PASS RENEWAL SYSTEM is a web application for students to get bus passes through online. The system is intended to develop an application to perform functions like accessing basic information for authentication and provide passes without the need to wait in queue.

3.3.1 Product Perspective

WEBSITE OF BUS PASS RENEWAL SYSTEM is mainly used for renewing the bus passes through online. The admin and user can easily fetch their details and update the data.

3.3.2 Product Functionality

Through this system admin can upload various data. Users are able to add or remove the route of the bus or amount of the bus pass based on the bus route. Admin can get the overall control of the all website.

3.4 Specific Requirements

3.4.1 Hardware Requirements

- System: IBM-Compatible PC
- Processor: Intel (R) core (IM) i5-4570
- Speed: above 3GHz
- RAM capacity: 6 GB or higher
- Hard Disk Drive: 1TB or higher
- Keyboard: 104 keys logitech
- Mouse: Standard
- Monitor: SVGA color

3.4.2 Software Requirements

- Operating System: Windows 7 or higher
- Languages Used: PHP
- Database: MySql
- Technologies Used: HTML 5, CSS, AJAX, BOOSTRAP

3.5 Functional Requirements

It contains three modules

1. Admin
2. Users
3. Students

Admin

An admin account is used for editing or managing the website dynamically by Admin panel. The admin can view user details , assign new users, assign new routes and many features are there.

User

A user can renew their pass as their amount, user can download the soft copy of the bus pass. They can fetch their personal information and update it as per their requirement.

Students

The main design of this project is for college students. They can apply whenever they need. The amount of the bus passes can be chosen by the students as per their requirements.

3.6 Non-Functional Requirements

Non-functional requirements define the overall qualities or attributes of the resulting system. Non-functional system place restrictions on the product being developed, the developed process, and specify external constraints that the product must meet. Examples of non-functional requirements include safety, security, usability, reliability and performance requirements. Project management issues (costs, time and schedule) are often considered as non-functional requirements. The principal non - functional constraints which are relevant to critical systems :

- performance
- security
- safety
- usability

Performance

Performance requirements concern the speed of operation of a system. Types of performance requirements :

- Response requirements (how quickly the system reacts to a user input).
- Throughput requirements (how much the system can accomplish within a specified amount of time).
- Availability requirements (is the system available for service when re-requested by end users). The speed of operation of this system is adequate for the requirements.

Reliability

- Reliability is the ability of a system to perform its required function under stated conditions for a specified period of time.
- constraints on the runtime behaviour of the system. This system is reliable because its functionalities can be done on the required conditions.

Safety

Safety requirements are not required which exclude unsafe situation from the possible solution of the system.

Usability

Usability is the ease with which a user can learn to operate, prepare inputs for, and interpret outputs of system or components. Usability requirements include:

- information error messages.
- well-formed user interfaces.

3.7 Interface Requirements

3.7.1 Hardware interfaces

The system must run over the internet, all the hardware shall require to connect internet will be hardware interface for the system. As for example modem, WAN-LAN.

3.7.2 Software interfaces

Software interface required for the working of the project is the appropriate operating system.

3.7.3 Communication interfaces

The user of the site communicate using the network connectivity and the data set is accessed

3.8 Security Requirements

- User accesses only their account.
- This application containing the computer systems is physically secured against arms or surreptitious entry by intruders.
- Users must be authorized carefully to reduce changes of any such user giving access to an intruder in exchange for a bribe or other favour.

3.9 Platform Used

Windows 10 is a major version of the Microsoft Windows operating system that was released on July 29, 2015. It is built on the Windows NT kernel and follows windows 8. Part of the reason Microsoft decided to name the 2015 release "Windows 10" (and skipped "windows 9") is because the operating system is designed to be a new direction for Microsoft. One of the primary aims of windows 10 is to Unify the windows experience across multiple devices, such as desktop computers, tablets, and smartphones. As part of this effort, Microsoft developed Windows 10 Mobile alongside Windows 10 to replace Windows Phone- Microsoft's previous mobile OS. Windows 10 also integrates other Microsoft services, such as Xbox Live and the Cortana voice recognition assistant.

3.10 Technologies Used

PHP

PHP (recursive acronym for PHP: Hypertext Pre-processor) is a widely-used open source general-purpose scripting language that is especially suited for web development and can be embedded into HTML. What distinguishes PHP from something like client-side Javascript is that the code is executed on the server, generating HTML which is then sent to the client. The

client would receive the results of that script, but would not know what the underlying code was. You can even configure your web server to process all your HTML files with PHP, and then there's really no way that users can tell what you have up your sleeve. The best things in using PHP are that it is extremely simple for a newcomer, but offers many advanced features for a professional programmer.

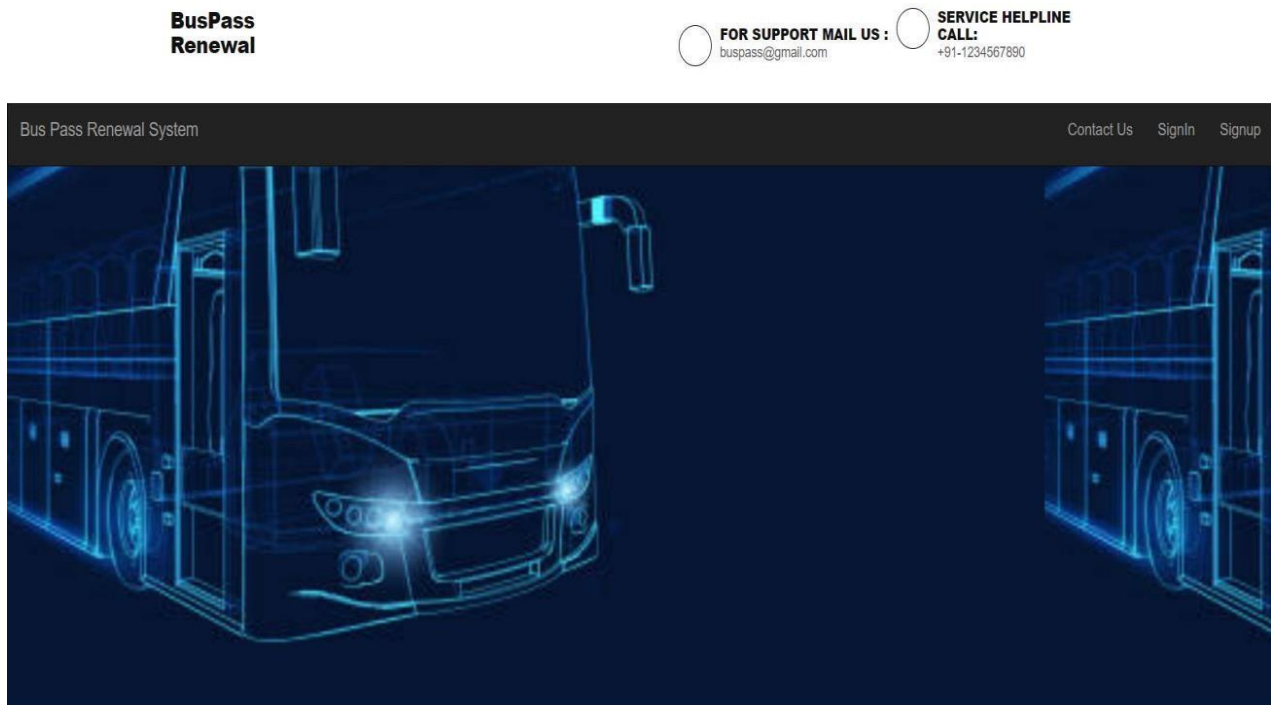
MySQL

MySQL, pronounced either "My S-Q-L" or "My Squel, " is an open source relational database management system. It is based on the structure query language (SQL), which is used for adding, removing and modifying information in the database. Standard SQL commands, such as ADD, DROP, INSERT, and UPDATE can be used with MySQL. What distinguishes PHP from something like client - side, generating HTML which is then sent to the client. The client would receive the results of running that script, but would not know what the underlying code was. You can even configure your web server to process all your HTML files with PHP, and then there's really no way that users can tell what you have up your sleeve. The best things in using PHP are that it is extremely simple for a newcomer, but offers many advanced features for a professional programmer.

4 Design Document

4.1 UI Design

4.1.1 Home



(Figure 4.1.1 home)

It is a starting home where we can able to see the contact us, sing up and sing in. where the user can get into the website.

4.1.2 Login



 **FOR SUPPORT MAIL US :**
buspass@gmail.com

 **SERVICE HELPLINE
CALL:**
+91-1234567890

Bus Pass Renewal System

Signup

Bus Pass Renewal System

Login

Sign In

localhost/bus pass m/registration.php

(Figure 4.1.2 login)

It this page user and admin can get into the process of bus pass renewal system by entering their name and password to sign in.

4.1.3 Register



 **FOR SUPPORT MAIL US :**
buspass@gmail.com

 **SERVICE HELPLINE
CALL:**
+91-1234567890

Bus Pass Renewal System

Back

Registration Portal

Name

Mobile

Username

Password

Signup

Online Bus Pass Renewal System



(Figure 4.1.3 register)

This page is used to register who has not register already and for new registration. Here, the new users of this website can fill their details and sign-in to the bus pass renewal website.

4.2 Data Design

Databases are the storehouses of data used in the software systems. The data is stored in tables inside the database. Several tables are created for the manipulation of the data for the system. Two essential settings for a database are

- Primary Key- The field that is unique for all the record occurrence.
- Foreign Key- The field used to set relation between tables.

Normalization

- Normalization is the process of organizing the data in the database.
- Normalization is used to minimize the redundancy from a relation or set of relations. It is also used to eliminate the undesirable characteristics like Insertion, Update and Deletion Anomalies.
- Normalization divides the larger table into the smaller table and links them using relationship.
- The normal form is used to reduce redundancy from the database table.

Tables

Login Table

The screenshot shows the phpMyAdmin interface. On the left, the 'busspass_common' database is selected, and the 'login' table is highlighted in the sidebar. The main panel displays the table structure for 'login'.

#	Column	Type	Collation	Attributes	Null	Default	Extra	Action
☐	1 uid	int(11)			No	None	AUTO_INCREMENT	Change Drop More
☐	2 username	varchar(100)	latin1_swedish_ci		No	None		Change Drop More
☐	3 password	varchar(100)	latin1_swedish_ci		No	None		Change Drop More
☐	4 role	varchar(100)	latin1_swedish_ci		No	None		Change Drop More

Below the table structure, there are options to 'Check All / Uncheck All With selected:', 'Browse', 'Change', 'Drop', 'Primary', 'Unique', 'Index', and 'Fulltext'. At the bottom, there is a 'Print view' and 'Propose table structure' link. A form at the bottom allows adding a new column: 'Add 1 column(s) At End of Table At Beginning of Table After uid Go'.

(Figure 4.2.1)

The screenshot shows the phpMyAdmin interface. On the left, the 'busspass_common' database is selected, and the 'registration_bus' table is highlighted in the sidebar. The main panel displays the table structure for 'registration_bus'.

#	Column	Type	Collation	Attributes	Null	Default	Extra	Action
☐	1 regid	int(11)			No	None	AUTO_INCREMENT	Change Drop More
☐	2 Name	varchar(100)	latin1_swedish_ci		No	None		Change Drop More
☐	3 Mobile	varchar(100)	latin1_swedish_ci		No	None		Change Drop More
☐	4 username	varchar(100)	latin1_swedish_ci		No	None		Change Drop More
☐	5 password	varchar(100)	latin1_swedish_ci		No	None		Change Drop More

Below the table structure, there are options to 'Check All / Uncheck All With selected:', 'Browse', 'Change', 'Drop', 'Primary', 'Unique', 'Index', and 'Fulltext'. At the bottom, there is a 'Print view' and 'Propose table structure' link. A form at the bottom allows adding a new column: 'Add 1 column(s) At End of Table At Beginning of Table After regid Go'.

(Figure 4.2.4)

Registration

Add bus

The screenshot shows the phpMyAdmin interface. On the left, the 'busspass_common' database is selected, and the 'addbus' table is chosen from the list. The main panel displays the table structure for 'addbus' with the following columns:

#	Column	Type	Collation	Attributes	Null	Default	Extra	Action
☐	1 busid	int(11)			No	None	AUTO_INCREMENT	Change Drop More ▼
☐	2 BusNo	varchar(50)	latin1_swedish_ci		No	None		Change Drop More ▼
☐	3 startstop	varchar(200)	latin1_swedish_ci		No	None		Change Drop More ▼
☐	4 endstop	varchar(200)	latin1_swedish_ci		No	None		Change Drop More ▼

Below the table structure, there are options to 'Check All / Uncheck All With selected', 'Browse', 'Change', 'Drop', 'Primary', 'Unique', and 'Index'. At the bottom, there is a 'Print view', 'Relation view', and 'Propose table structure' link. The 'Add' section shows '1 column(s)' and options to 'At End of Table', 'At Beginning of Table', or 'After' a selected column (currently 'busid'). A 'Go' button is also present.

(Figure 4.2.3)

Feedbacks

The screenshot shows the phpMyAdmin interface. On the left, the 'busspass_common' database is selected, and the 'feedback' table is chosen from the list. The main panel displays the table structure for 'feedback' with the following columns:

#	Column	Type	Collation	Attributes	Null	Default	Extra	Action
☐	1 id	int(11)			No	None	AUTO_INCREMENT	Change Drop More ▼
☐	2 UserName	varchar(100)	latin1_swedish_ci		No	None		Change Drop More ▼
☐	3 mobile	varchar(50)	latin1_swedish_ci		No	None		Change Drop More ▼
☐	4 feedbacks	varchar(300)	latin1_swedish_ci		No	None		Change Drop More ▼

Below the table structure, there are options to 'Check All / Uncheck All With selected', 'Browse', 'Change', 'Drop', 'Primary', 'Unique', 'Index', and 'Full'. At the bottom, there is a 'Print view' and 'Propose table structure' link. The 'Add' section shows '1 column(s)' and options to 'At End of Table', 'At Beginning of Table', or 'After' a selected column (currently 'id'). A 'Go' button is also present.

(Figure 4.2.4)

Create pass

phpMyAdmin

localhost > busspass_common > createpass

Browse Structure SQL Search Insert Export Import Operations

#	Column	Type	Collation	Attributes	Null	Default	Extra	Action
☐	1 <u>passid</u>	int(11)			No	None	AUTO_INCREMENT	Change Drop More
☐	2 username	varchar(50)	latin1_swedish_ci		No	None		Change Drop More
☐	3 passtype	varchar(250)	latin1_swedish_ci		No	None		Change Drop More
☐	4 passdate	date			No	None		Change Drop More
☐	5 amount	varchar(50)	latin1_swedish_ci		No	None		Change Drop More
☐	6 cardno	varchar(50)	latin1_swedish_ci		No	None		Change Drop More
☐	7 cvv	varchar(50)	latin1_swedish_ci		No	None		Change Drop More
☐	8 expirymonth	varchar(50)	latin1_swedish_ci		No	None		Change Drop More
☐	9 expiryyear	varchar(50)	latin1_swedish_ci		No	None		Change Drop More
☐	10 validfrom	date			No	None		Change Drop More
☐	11 validtill	date			No	None		Change Drop More
☐	12 photo	varchar(300)	latin1_swedish_ci		No	None		Change Drop More

↑ Check All / Uncheck All With selected: Browse Change Drop Primary Unique Index

Print view Relation view Propose table structure

(Figure 4.2.5)

Pass renewal

phpMyAdmin

localhost > busspass_common > renewalpass

Browse Structure SQL Search Insert Export Import Operations

#	Column	Type	Collation	Attributes	Null	Default	Extra	Action
☐	1 passid	int(11)			No	None	AUTO_INCREMENT	Change Drop More
☐	2 username	varchar(50)	latin1_swedish_ci		No	None		Change Drop More
☐	3 passtype	varchar(200)	latin1_swedish_ci		No	None		Change Drop More
☐	4 passdate	date			No	None		Change Drop More
☐	5 amount	varchar(50)	latin1_swedish_ci		No	None		Change Drop More
☐	6 cardno	varchar(50)	latin1_swedish_ci		No	None		Change Drop More
☐	7 cvv	varchar(50)	latin1_swedish_ci		No	None		Change Drop More
☐	8 expirymonth	varchar(50)	latin1_swedish_ci		No	None		Change Drop More
☐	9 expiryyear	varchar(50)	latin1_swedish_ci		No	None		Change Drop More
☐	10 validfrom	varchar(50)	latin1_swedish_ci		No	None		Change Drop More
☐	11 validtill	varchar(50)	latin1_swedish_ci		No	None		Change Drop More

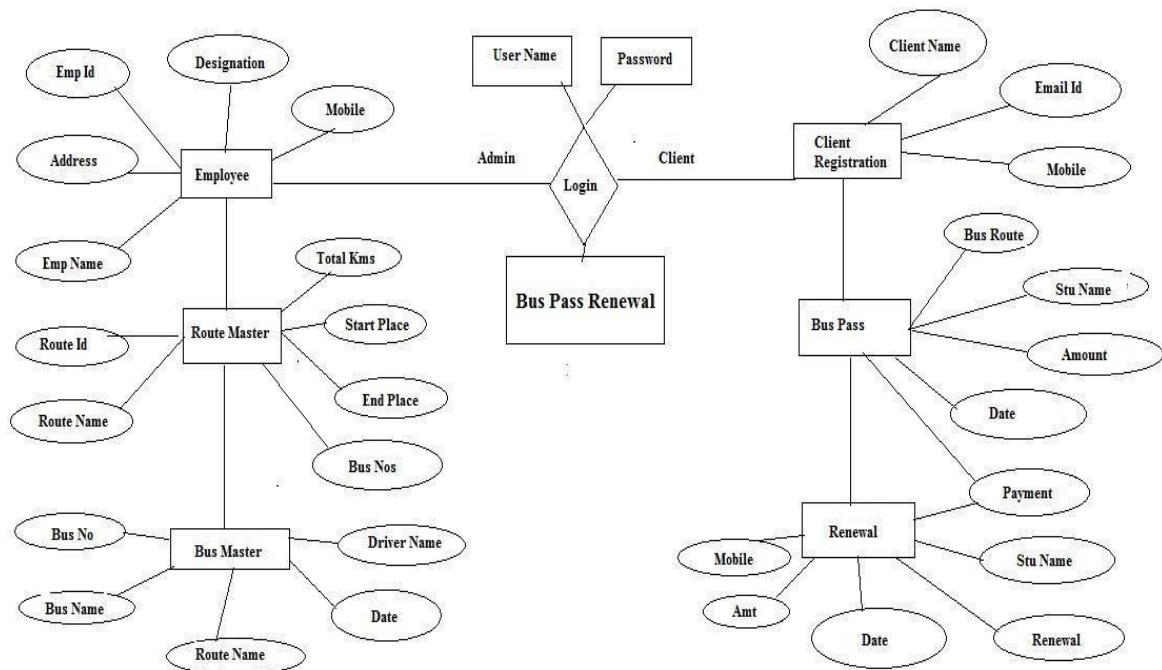
☐ Check All / ☐ Uncheck All With selected: Browse Change Drop Primary Unique Index

Print view Relation view Propose table structure

Add column(s) ☒ At End of Table ☐ At Beginning of Table ☐ After

(Figure 4.2.6)

4.5 ER Diagram



(Figure 4.5.1)

5

Development of the System

This website can be decomposed into a number of submodules. The submodules of website of zephyrus are administrator, teacher and student. Each sub module have specific objectives, to avoid unwanted coupling between modules and to increase cohesion, modules are again decomposed into submodules.

6

System Testing

Testing is the penultimate step of software development. An elaborate testing of the data is prepared and the system is using the test data, while doing testing, errors are noted and correction is made. The users are trained to operate the developed system. Both hardware and software securities are made to run the developed system successfully. System testing is aimed at ensuring the system works accurately before the live operation commences.

6.1 Test Plan

6.1.1 Scope

This test plan will cover the following testing activities as identified in the testing strategy.

- **White Box Testing**

White box testing is a testing technique, that examines the program structure and derives test data from the program logic/code. In white box testing, the UI is bypassed. Inputs and outputs of ratings are tested directly at the code level and the results are compared against specifications. It Reveals errors in "hidden" code.

- **Black Box Testing**

Black - box testing is a method of software testing that examines the functionality of an application based on the specifications. Black box testing typically involves running through every possible input to verify that it results in the right outputs using the software as an end - user would.

- **Unit Testing**

The module includes four main components to undergo unit testing. It checks the syntax error, logic error and validity of the program correctness. This test will be performed by the developers.

7 Conclusion and Future Scope

7.1 Conclusion

Bus pass system is a process of creating new online bus pass, renewing a bus pass, fetching a information of a particular passenger without wasting a time and it is a very fast method. Every user get extra information and user can give feedback. It provides a service for not only for student but also for all type of bus passes especially for elder citizens that is whose age is more than 40 years by using a call they can use and they can get a bus pass. The main motive of this project is to provide a secure and time efficient app.

7.2 Future Scope

Bus pass system gives option to download a particular pass or having a soft copy of pass. In the future scope conductor can check bus pass using QR code scanning.

Appendix

A Code:

Index Page

```
<!DOCTYPE html>
<html>
<head>
    <meta charset="UTF-8">
    <title>Bus Pass Renewal System</title>
    <link rel="stylesheet" href="css/bootstrap.min.css"/>
    <link rel="stylesheet" href="css/styles.css"/>
    <script src="js/jquery-2.2.2.min.js"></script>
    <script src="js/bootstrap.min.js"></script>
```

```
<script src="js/main.js"></script>
```

```

</head>
<body style="background:url(images/bg.png);">
<div class="default-header">
  <div class="container">
    <div class="row">
      <div class="col-sm-3 col-md-2">
        <div class="logo"> <h4>BusPass
Renewal</h4> </div>
      </div>
      <div class="col-sm-9 col-md-10">
        <div class="header_info">
          <div class="header_widgets">
            <div class="circle_icon"> </div>
            <p class="uppercase_text">For Support Mail us : </p>
            <a href="mailto:info@example.com">buspass@gmail.com</a> </div>
          <div class="header_widgets">
            <div class="circle_icon"> </div>
            <p class="uppercase_text">Service Helpline Call: </p>
            <a href="tel:61-1234-5678-09">+91-1234567890</a> </div>

        </div>
      </div>
    </div>
  </div>
</div>

<div class="navbar navbar-inverse">
  <div class="container-fluid">
    <div class="navbar-header">
      <a href="index.php" class="navbar-brand">Bus Pass Renewal
System</a>
    </div>
    <ul class="nav navbar-nav">
      <li><a href="index.php"></a></li>
    </ul>
    <ul class="nav navbar-nav navbar-right">
      <li><a href="contact.php">Contact Us</a></li>
      <li><a href="login.php">SignIn</a></li>

```

```

                <li><a href="registration.php">Signup</a></li>
            </ul>
        </div>
    </div>

    <p><br></p>
    <p><br></p>
    <div class="container-fluid" >

</div>

</body>
</html>

```

Login Page

```

<?php
session_start();
if(!$_POST)
{
    $_SESSION['uid'] = "";
    $_SESSION['uname'] = "";
    $_SESSION['role'] = "";
}
require "Connection.php";
if(isset($_POST['btnregister']))
{
    header("location:registration.php");
}
if(isset($_POST['btnlogin']))
{
    $result = mysqli_query($con,"select * from login where
username='$_POST[txtUserName]' and password='$_POST[txtPWD]'")
    or die('Invalid User : '.mysqli_error());
    $nrow=mysqli_num_rows($result);
    $hlocation="";

```

```

        if($nrow>0)
        {
            $row=mysqli_fetch_array($result);
            $_SESSION['uid']= $row[0];
            $_SESSION['uname']= $row[1];
            $_SESSION['role']= $row[3];

            if($row[3]=='Admin')
            {
                header("location:MasterAdmin.php");
            }
            else if($row[3]=='User')
            {
                header("location:MasterUser.php");
            }
            else
            {
                header("location:index.php");
            }
        }

        mysqli_close($con);
    }
?>
<!DOCTYPE html>
<html>
<head>
    <meta charset="UTF-8">
    <title>Bus Pass Renewal System</title>
    <link rel="stylesheet" href="css/bootstrap.min.css"/>
    <link rel="stylesheet" href="css/styles.css"/>
    <script src="js/jquery-2.2.2.min.js"></script>
    <script src="js/bootstrap.min.js"></script>
    <script src="js/main.js"></script>
</head>
<body style="background-color: #9ACD32;color:#000000;">
<div class="default-header">
    <div class="container">

```

```

<div class="row">
  <div class="col-sm-3 col-md-2">
    <div class="logo"> <h4>BusPass
Renewal</h4> </div>
  </div>
  <div class="col-sm-9 col-md-10">
    <div class="header_info">
      <div class="header_widgets">
        <div class="circle_icon"> </div>
        <p class="uppercase_text">For Support Mail us : </p>
        <a href="mailto:info@example.com">buspass@gmail.com</a> </div>
        <div class="header_widgets">
          <div class="circle_icon"> </div>
          <p class="uppercase_text">Service Helpline Call: </p>
          <a href="tel:61-1234-5678-09">+91-1234567890</a> </div>

      </div>
    </div>
  </div>
</div>
<div class="navbar navbar-inverse">
  <div class="container-fluid">
    <div class="navbar-header">
      <a href="#" class="navbar-brand">Bus Pass Renewal System</a>
    </div>
    <ul class="nav navbar-nav">
      <li><a href="index.php"></a></li>
    </ul>
    <ul class="nav navbar-nav navbar-right">

      <li><a href="registration.php">Signup</a></li>
    </ul>
  </div>
</div>

<p><br></p>

```

```
<div class="container-fluid" style="background-image:url('images/2.jpeg');">
```

```
<div class="row">
```

```
<div class="col-md-5"></div>
```

```
<div class="col-md-3">
```

```
<h5 align="center" >Bus Pass Renewal System</h5>
```

```
<div class="panel panel-info">
```

```
<div class="panel-body" style="background-  
image:url(images/2.jpeg);color:#FF1493;">
```

```
<div class="table-responsive" align="center">
```

```
<table class="table table-bordered"  
style="width:250px;color:#F5F5F5;background-color:#fff" align="center">
```

```
<form class="col-md-12" action="#"  
method="post">
```

```
<tr><td colspan="2"><h4 align="center"  
style="color:#00EEff;">Login</h4></td></tr>
```

```
<tr>  
<td><input type="text"  
class="form-control input-md" id="txtUserName" name="txtUserName"  
placeholder="Username">
```

```
</td></tr>
```

```
<tr>  
<td><input type="password"  
class="form-control input-md" id="txtPWD" name="txtPWD" placeholder="Password">
```

```
</td></tr>
```

```
<tr><td colspan="2">
```

```
<button type="submit"  
id="btnlogin" name="btnlogin" class="btn btn-primary btn-md btn-block">Sign In</button>
```

```
</td></tr>
```

```

        </form>
    </table>
</div>
</div>
<div class="panel-footer" style="background-
color:#000000;color:9ACD32;">&copy; 2020 Bus Pass Renewal System</div>
</div>

```

```

</div>
<div class="col-md-1"></div>
</div>
</div>

```

```

</body>
</html>

```

Create Pass

```

<?php
require "Connection.php";
session_start();
$model="";
$txtbusno="";
$txtstartstop="";
$txtendstop="";
function fill_Id($con)
{

    $sql = "select max(passid)+1 from createpass";
    $result=mysqli_query($con,$sql);
    while($data = mysqli_fetch_row($result))
    {
        echo $data[0];
    }
}

```

```

function fill_busno($con)
{
    $output="";
    $sql = "select distinct(BusNo) from addbus";
    $result=mysqli_query($con,$sql);

```

```

while($row = mysqli_fetch_array($result))
{
    $output .= '<option value="'.$row["BusNo"].">'.$row["BusNo"].'</option>';
}
return $output;
}
if(isset($_POST['txtbusno']))
{

$model = $_POST['txtbusno'];
$run_query =mysqli_query($con,"select startstop,endstop from addbus where
BusNo='$model'");
$row=mysqli_fetch_array($run_query);
    $txtstartstop=$row["startstop"];
    $txtendstop=$row["endstop"];
}

if(isset($_POST['btncst']))
{
$file = rand(1000,100000)."-".$_FILES['file']['name'];
    $file_loc = $_FILES['file']['tmp_name'];
$file_size = $_FILES['file']['size'];
$file_type = $_FILES['file']['type'];
$folder="photos/";

// new file size in KB
$new_size = $file_size/1024;
// new file size in KB

// make file name in lower case
$new_file_name = strtolower($file);
// make file name in lower case
$final_file=str_replace(' ','',$new_file_name);
$txtclientname=    $_POST['txtclientname'];
$txtpasstype  =    $_POST['txtpasstype'];
$txtdate      =    $_POST['txtdate'];

```

```

if(move_uploaded_file($file_loc,$folder.$final_file))
{

    mysqli_query($con,"insert into createpass set

                                username          =      '$txtclientname',
                                passtype           =      '$txtpasstype',
                                passdate          =      '$txtdate',
                                photo='$file'")or   die('Query Not Working 2 :

'.mysql_error());
}

header("location:createpass_payment.php");
}

?>
<!DOCTYPE html>
<html>
<head>
    <meta charset="UTF-8">
    <title>Bus Pass Renewal System</title>
    <link rel="stylesheet" href="css/bootstrap.min.css"/>
    <link rel="stylesheet" href="css/styles.css"/>
    <script src="js/jquery-2.2.2.min.js"></script>
    <script src="js/bootstrap.min.js"></script>
    <script src="js/main.js"></script>
</head>
<body style="background-image:url(images/bg.png);">
<div class="default-header">
    <div class="container">
        <div class="row">
            <div class="col-sm-3 col-md-2">
                <div class="logo"> <h4>BusPass
Renewal</h4> </div>
            </div>
            <div class="col-sm-9 col-md-10">
                <div class="header_info">

```

```

<div class="header_widgets">
  <div class="circle_icon"> </div>
  <p class="uppercase_text">For Support Mail us : </p>
  <a href="mailto:info@example.com">buspass@gmail.com</a> </div>
<div class="header_widgets">
  <div class="circle_icon"> </div>
  <p class="uppercase_text">Service Helpline Call: </p>
  <a href="tel:61-1234-5678-09">+91-1234567890</a> </div>

</div>
</div>
</div>
</div>
</div>
<div class="navbar navbar-inverse">
  <div class="container-fluid">
    <div class="navbar-header">
      <a href="MasterUser.php" class="navbar-brand">Bus Pass Renewal
System</a>
    </div>
    <ul class="nav navbar-nav">
      <li><a href="mydetails.php">My Details</a></li>

      <li><a href="bus_view.php">Pass Details</a></li>
      <li><a href="createpass.php">Create Pass</a></li>
      <li><a href="renewal.php">Renew Pass</a></li>

      <li><a href="logout.php">Logout</a></li>
    </ul>
    <ul class="nav navbar-nav navbar-right">

      <li><a href="#"><?php echo "Hi ".$_SESSION["uname"]; ?></a>

      </li>
    </ul>
  </div>
</div>

```

```

<div class="container-fluid">
    <div class="row">
        <div class="col-md-12" id="signup_msg">
            </div>
            <div class="col-md-1"></div>
            <div class="col-md-10">
                <div class="panel panel-primary">
                    <div class="panel-heading" style="background-color:
#9ACD32;color:#000000;"><h4 align="center">Create Pass</h4></div>
                    <div class="panel-body" style="background-color:
#9ACD32;">
                        <form method="post" enctype="multipart/form-data">
                            <div class="row">
                                <div class="col-md-6">
                                    <label for="Name">Pass No</label>
                                    <input type="text" id="txtpassno"
name="txtpassno" class="form-control" value="<?php echo fill_Id($con); ?>" readonly>
                                </div>
                                <div class="col-md-6">
                                    <label for="Name">User Name</label>
                                    <input type="text" id="txtclientname"
name="txtclientname" class="form-control" value="<?php echo $_SESSION['uname']; ?>"
readonly>
                                </div>
                            </div>
                            <div class="col-md-4">
                                <label for="Name">Pass Type</label>
                                <select name="txtpasstype"
id="txtpasstype" class="form-control">
                                    <option value="Select
Amount">Select Amount</option>
                                    <option value="100">Daily Pass
- Rs 100</option>
                                </select>
                            </div>
                        </form>
                    </div>
                </div>
            </div>
        </div>
    </div>

```

```

Pass - Rs 1000</option>
Month - Rs 1750</option>
Month - Rs 2500</option>
</select>

```

```

</div>
<div class="col-md-4">
  <label for="Name">Date</label>
  <input type="date" id="txtdate"
name="txtdate" class="form-control">

```

```

</div>
<div class="col-md-4" align="center">
  <label for="Name">upload
Photo</label>
  <input type="file" name="file" id="file">
</div>
</div>

```

```

<p></br></p>
<div class="row">
  <div class="col-md-5"></div>
  <div class="col-md-6">
    <button id="btncst" name="btncst"
class="btn btn-success btn-md">Proceed To Pay</button>
  </div>
</div>

```

```

</div>
</form>
<div class="panel-footer" style="background-
color:#000000;color: #9ACD32;">Online Bus Pass Renewal System</div>
</div>
</div>

```

```

        <div class="col-md-1"></div>
    </div>
</div>

</body>
</html>

```

Renewal Pass

```

<?php
session_start();
if(!isset($_SESSION["uid"]))
{
    header("location:index.php");
}
$_SESSION['msg']="";
require "Connection.php";
$txtpassno = "";
$txtclientname = "";
$txtbusno = "";
$txtstartstop = "";

$txtamount="";
$txtvalidfrom = "";
$txtvalidtill="";

$id=0;
$edit_state=false;

If(isset($_GET['edit']))
{
    $id=$_GET['edit'];
    $rec=mysqli_query($con,"select * from createpass where passid=$id");
    $record=mysqli_fetch_array($rec);
    $txtpassno = $record['passid'];
    $txtclientname = $record['username'];
    $txtbusno = $record['passtype'];
    $txtstartstop= $record['passdate'];
}

```

```

$txtamount = $record['amount'];
$txtvalidfrom = $record['validfrom'];
$txtvalidtill = $record['validtill'];
$id=$record['passid'];
}

```

```

//Update Record

```

```

if($_POST)

```

```

{
$txtclientname= $_POST['txtclientname'];
$txtbusno      = $_POST['txtbusno'];
$txtstartstop  = $_POST['txtstartstop'];

```

```

$txtamount      = $_POST['txtamount'];

```

```

$txtvalidfrom = $_POST['txtvalidfrom'];
$txtvalidtill = $_POST['txtvalidtill'];

```

```

mysqli_query($con,"insert into renewalpass set

```

```

    username      = '$txtclientname',
    passtype       = '$txtbusno',
    passdate       = '$txtstartstop',

```

```

    amount         = '$txtamount',

```

```

    validfrom = '$txtvalidfrom',

```

```

    validtill      = '$txtvalidtill')or die('Query Not

```

```

Working 2 : '.mysqli_error());

```

```

header("location:renewal_pass.php");

```

```

}

```

```

//Delete Record

```

```
if(isset($_POST['btndelete']))
```

```
{
$id=$_POST['id'];
mysqli_query($con,"delete from registration_bus where regid='$id'");
header("location: mydetails.php");
}
```

```
// Show Records
```

```
?>
```

```
<!DOCTYPE html>
```

```
<html>
```

```
<head>
```

```
    <meta charset="UTF-8">
```

```
    <title>Bus Pass Renewal System</title>
```

```
    <link rel="stylesheet" href="css/bootstrap.min.css"/>
```

```
    <link rel="stylesheet" href="css/styles.css"/>
```

```
    <script src="js/jquery-2.2.2.min.js"></script>
```

```
    <script src="js/bootstrap.min.js"></script>
```

```
    <script src="js/main.js"></script>
```

```
</head>
```

```
<body style="background-image:url(images/bg.png);">
```

```
<div class="default-header">
```

```
    <div class="container">
```

```
        <div class="row">
```

```
            <div class="col-sm-3 col-md-2">
```

```
                <div class="logo">    <h4>BusPass
Renewal</h4> </div>
```

```
            </div>
```

```
            <div class="col-sm-9 col-md-10">
```

```
                <div class="header_info">
```

```
                    <div class="header_widgets">
```

```
                        <div class="circle_icon"> </div>
```

```
                        <p class="uppercase_text">For Support Mail us : </p>
```

```
                        <a href="mailto:info@example.com">buspass@gmail.com</a> </div>
```

```
                    <div class="header_widgets">
```

```
                        <div class="circle_icon"> </div>
```

```

        <p class="uppercase_text">Service Helpline Call: </p>
        <a href="tel:61-1234-5678-09">+91-1234567890</a> </div>

    </div>
</div>
</div>
</div>
</div>
<div class="navbar navbar-inverse">
    <div class="container-fluid">
        <div class="navbar-header">
            <a href="MasterUser.php" class="navbar-brand">Bus Pass Renewal
System</a>
        </div>
        <ul class="nav navbar-nav">
            <li><a href="mydetails.php">My Details</a></li>

            <li><a href="bus_view.php">Pass Details</a></li>
            <li><a href="createpass.php">Create Pass</a></li>
            <li><a href="renewal.php">Renew Pass</a></li>

            <li><a href="logout.php">Logout</a></li>
        </ul>
        <ul class="nav navbar-nav navbar-right">

            <li><a href="#"><?php echo "Hi ".$_SESSION["uname"]; ?></a>

            </li>
        </ul>
    </div>
</div>

<div class="container-fluid">

    <div class="row">

```

```

<!--<div class="nav nav-pills nav-stacked">
    <li class="active"><a href="#"><h4>Categories</h4></a></li>
    <li><a href="#">Products</a></li>
    <li><a href="#">Products</a></li>
    <li><a href="#">Products</a></li>
</div>-->

```

```

<div class="col-md-12">

```

```

    <table class="table table-striped table-hover table-bordered">

```

```

        <thead class="thead-dark">

```

```

            <tr>

```

```

                <th>Pass Id</th>

```

```

                <th>User Name</th>

```

```

                <th>Pass Type</th>

```

```

                <th>pass Date</th>

```

```

                <th>Amount</th>

```

```

                <th>Valid From</th>

```

```

                <th>Valid Till </th>

```

```

                <th class="text-center">Action</th>

```

```

            </tr>

```

```

        </thead>

```

```

        <tbody>

```

```

            <?php

```

```

$txtusername = $_SESSION["uname"];

```

```

$clientname = $_SESSION["uname"];

```

```

$results = mysqli_query($con,"select * from createpass where username='$txtusername'");

```

```

        while ($row=mysqli_fetch_array($results))

```

```

        {

```

```

            ?>

```

```

            <tr>

```

```

                <td><?php echo $row['passid']; ?></td>

```

```

                <td><?php echo $row['username'];

```

```

            ?></td>

```

```

        <td><?php echo $row['passtype'];
?></td>
        <td><?php echo $row['passdate'];
?></td>

        <td><?php echo $row['amount']; ?></td>
        <td><?php echo $row['validfrom'];
?></td>
        <td><?php echo $row['validtill']; ?></td>

        <td><a
                                style="text-
decoration:none;padding:2px 5px;color:#0099cc;border-radius:3px;background:#800000;"
href="renewal.php?edit=<?php echo $row['passid']; ?>">Show</a></td>

    </tr>

    <?php
    }
    ?>

</tbody>
</table>
</div>

<div class="col-md-12">
    <div class="panel panel-primary">
        <div class="panel-heading text-center">Renewal Details</div>
        <div class="panel-body">
            <form method="post" enctype="multipart/form-data"
action="#">
                <input type="hidden" name="id" value=" <?php echo
$id; ?>">

                <div class="row">

                    <div class="col-md-12">
                        <label for="Name">Pass No</label>
                        <input type="text" id="txtpassno"
name="txtpassno" class="form-control" value="<?php echo $txtpassno; ?>" >

```

```

        </div>
    </div>
<div class="row">

    <div class="col-md-4">
        <label for="Name">User Name</label>
        <input type="text" id="txtclientname"
name="txtclientname" class="form-control" value="<?php echo $txtclientname; ?>">
    </div>

    <div class="col-md-4">
        <label for="Name">Pass Type</label>
        <input type="text" class="form-control"
id="txtbusno" name="txtbusno" value="<?php echo $txtbusno; ?>">
    </div>

    <div class="col-md-4">
        <label for="Name">Pass Date</label>
        <input type="text" class="form-control"
id="txtstartstop" name="txtstartstop" value="<?php echo $txtstartstop; ?>">
    </div>
</div>
<div class="row">

    <div class="col-md-4">
        <label for="Name">amount</label>
        <input type="text" class="form-control"
id="txtamount" name="txtamount" value="<?php echo $txtamount; ?>">
    </div>

    <div class="col-md-4">
        <label for="Name">Valid From</label>
        <input type="date" class="form-control"
id="txtvalidfrom" name="txtvalidfrom" value="<?php echo $txtvalidfrom; ?>">
    </div>

    <div class="col-md-4">
        <label for="Name">Valid Till</label>

```

```

                                <input type="date" class="form-control"
id="txtvalidtill" name="txtvalidtill" value="<?php echo $txtvalidtill; ?>">
                                </div>

                                </div>

                                <p><br></p>

                                <p></br></p>
                                <div class="row">
                                <div class="col-md-5"></div>
                                <div class="col-md-6">

                                <button id="btncst" name="btncst"
class="btn btn-success btn-md">Proceed To Pay</button>
                                </div>
                                </div>

                                </div>

                                </form>
                                <div class="panel-footer">Appartment Management
System</div>
                                </div>
                                </div>

                                </div>
                                </div>
                                </body>
                                </html>

```

B. Reference:

1. This is the PHP tutorial URL. It is used to learn about the PHP language and example.
<https://www.phpdocs.com/php/index.htm>
2. This is the MySQL tutorial URL. It is used to learn about the MySQL database information.
<https://www.javatpoint.com/mysql-tutorial>