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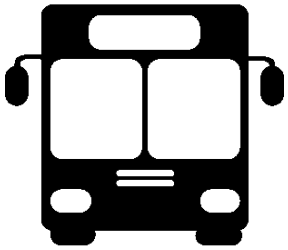

Trip Management System

User Manual

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Revision History

Release No.	Date	Revision Description
Rev. 0	07/28/16	User Manual Created
Rev. 1	08/09/2016	User Manual Finished

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USER MANUAL

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1.0 GENERAL INFORMATION

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1.1 EULA

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1.2 System Preface

This manual is intended for new users with little or no experience using the Trip Management System Interface. The goal of this document is to give a broad overview of the main functions of Bus Management Reservation System and some basic instructions on how to set up and administer a list. This document will concentrate on demonstrating interaction with Bus Management Reservation System using PHP.

Every effort has been made to ensure that this document is an accurate representation of the functionality of Bus Management Reservation System. We would appreciate any feedback on this manual.

1.3 System Overview

The Trip Management System is an application that utilizes the net for easy-access for booking and reservation. This program provides a graphical user interface that allows a user to input all information and store it electronically to exterminate the need for using paper records.

This program uses a client/server based model. The client uses the provided GUI to add passenger's reservation as well as to edit them. The client program will communicate with a MySQL server that saves all the information for each passenger for the bus. The information saved in the database is about passenger's who uses the Trip Management System to have their request to book or reserve recorded from the database. It includes some of their personal information (i.e. name, Henry's number, etc.) and E-mail address to contact them.

2.0 SYSTEM SUMMARY

2.0 SYSTEM SUMMARY

2.1 System Configuration

Each employee uses their own computer running Windows OS. On those computers is the client application that will connect to a central database running Windows and MySQL database software. All Trip Management System dedicated computers are connected on a LAN with an outside connection to the internet. This is because passenger's can access the system thru the net for easy reservation.

2.2 User Access Levels

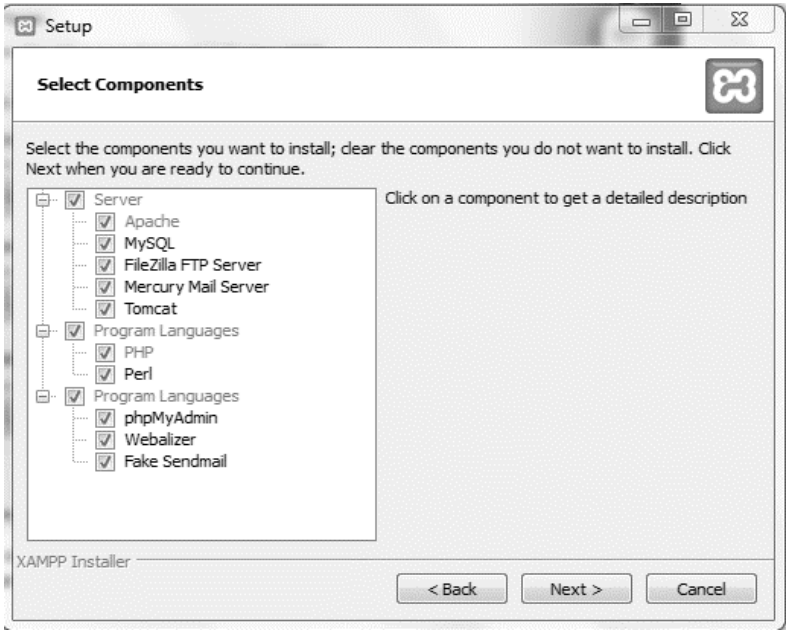
There are two different types of users. Admin Users are the one who have authority to view and update passenger's reservation/booking, bus, route, ticket price within the database. Passenger User refer to customers who will use the reservation thru the use of net. The Admin Users set the Bus and Routes that the bus will take. They also manage the bus schedule and the booking.

3.0 GETTING STARTED

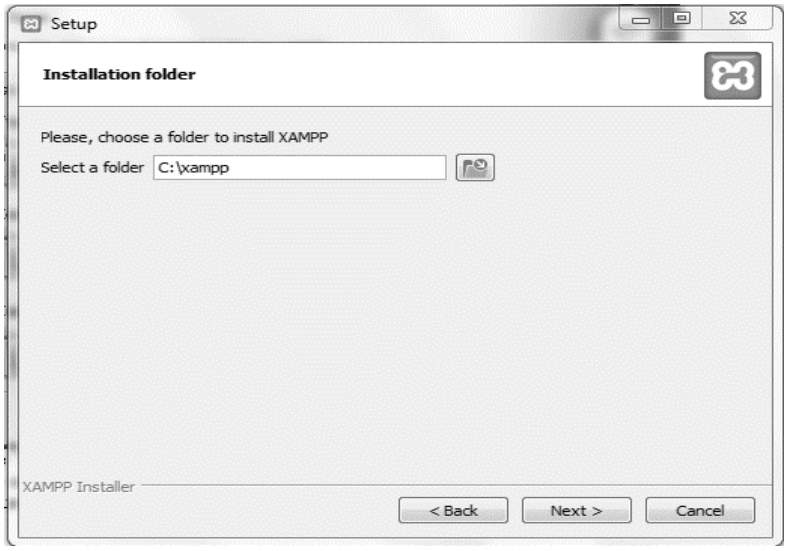
3.0 GETTING STARTED

3.1 Setting up XAMPP

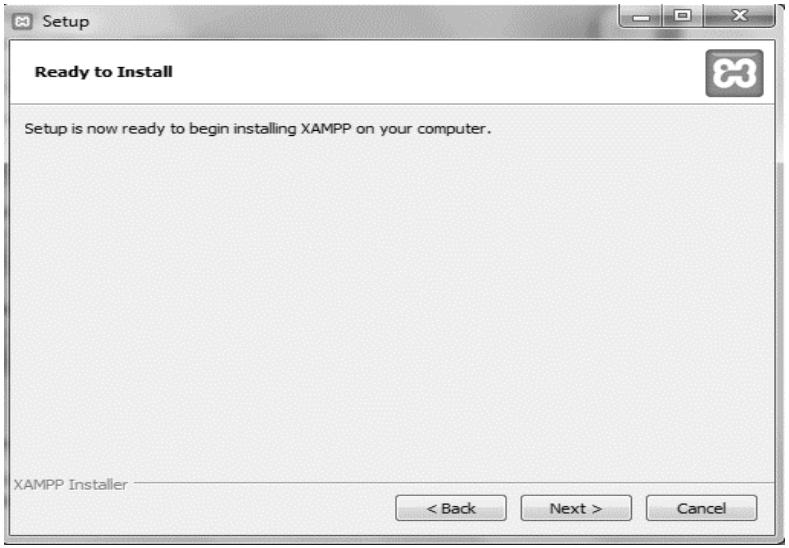
We first start by running "XAMPP Installer". This will begin the installation of XAMPP.
-Click the "Next >" button



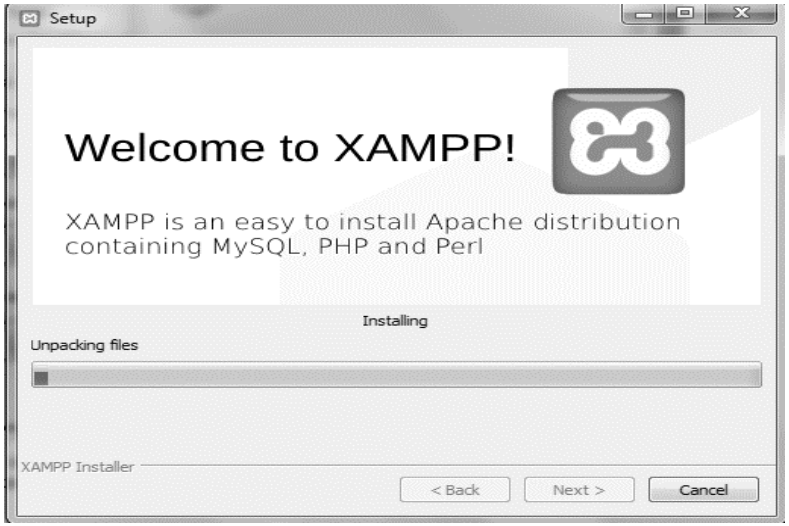
-Check all of the components then Click "Next >" twice.



-Select to where will XAMPP folder will be saved then Click "Next



-Click “Next >”



-Just wait until the installation finishes. Take a break and have a coffee. After waiting for about 10 minutes click “Next >”

-Click “Finish” once the processing is complete.
After the installation is complete you will need to use the MySQL Command Line Client (which can be found under Start Menu -> MySQL -> MySQL Server 5.0) Once the command prompt comes up you will need to enter the root password you set in the MySQL setup. From this command line you will be able to complete setting up the database tables and adding MySQL Users

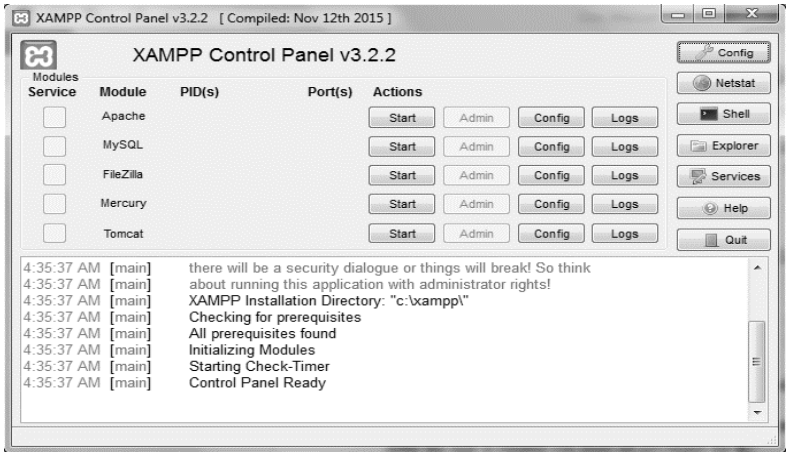
3.2 Setting up TMS System and TMS 1.0.rar

-Extract the both .rar files
-Copy all the files inside TMS System and replace all files inside TMS 1.0
-Move the extracted TMS 1.0.rar to htdocs located inside the XAMPP folder.

3.3 Making the Bus Reservation Work

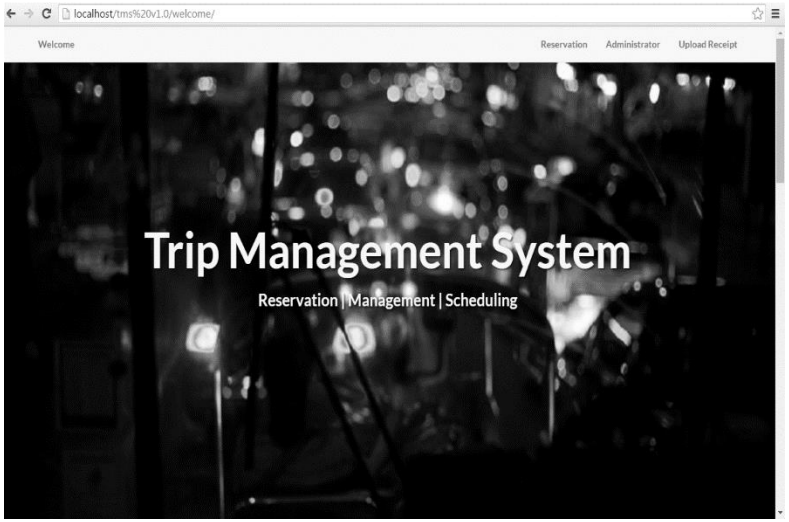
Once you finish doing the setup for TMS 1.0 and XAMPP

-Open the XAMPP Control Panel
-Click the Start of Apache and MySQL



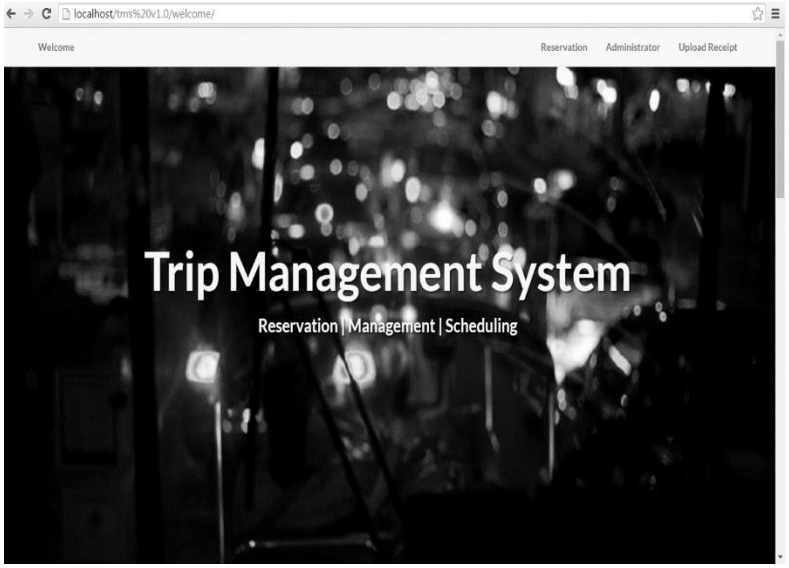
4.0 USING THE CLIENT APPLICATION

-Open any browser and type
http://localhost/tms%20v1.0/welcome at the URL



4.0 USING THE TRIP MANAGEMENT SYSTEM

4.1 Introductory

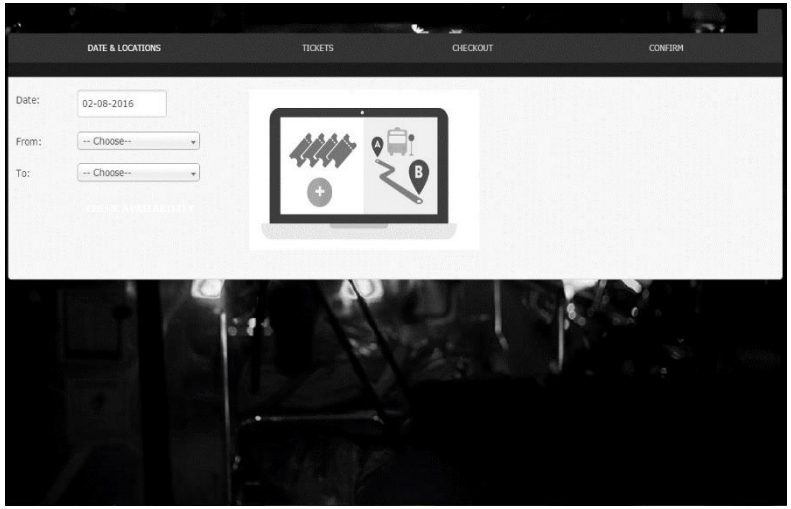


This is the Introductory page or the first thing that will you see after you enter the URL. There are (2) option that you will see in this part. First option is the Reservation where Passenger's will have an option that will let them choose what date will they have the reservation and what bus and how many people will be reserved for the seating. Second option is the Administrator where the Admin will have the authority to view and edit the bus, route, booking, and the ticketing price of each bus

4.2 Reservation Tab

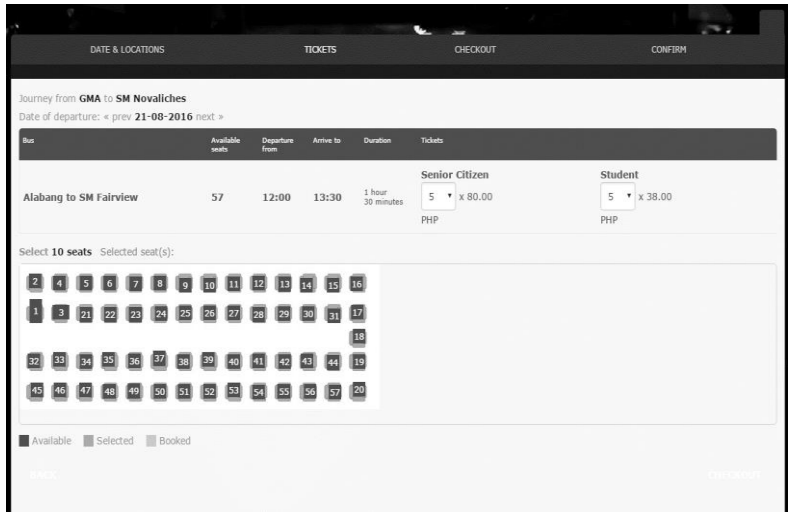
Upon clicking the Reservation option, you will be setting things in the Reservation option.

4.2.1 Date & Location Tab



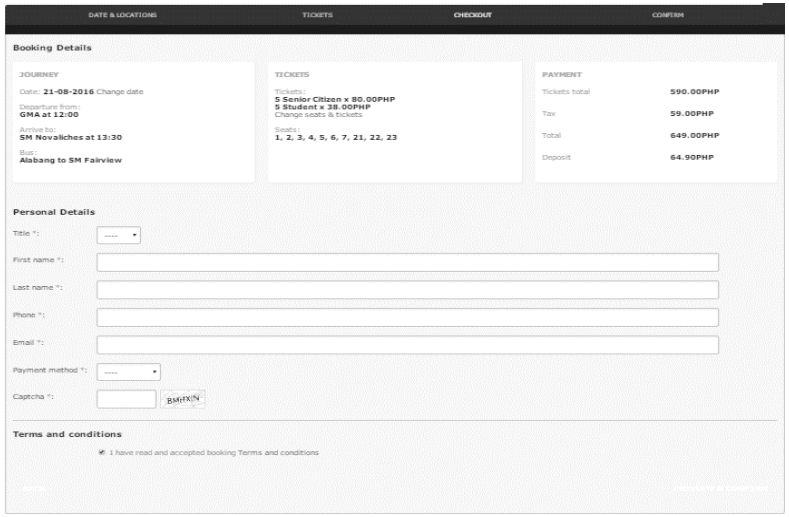
In this step you will be asked if what date would you like to reserve and from and to where will you go

4.2.2 Ticket Tab



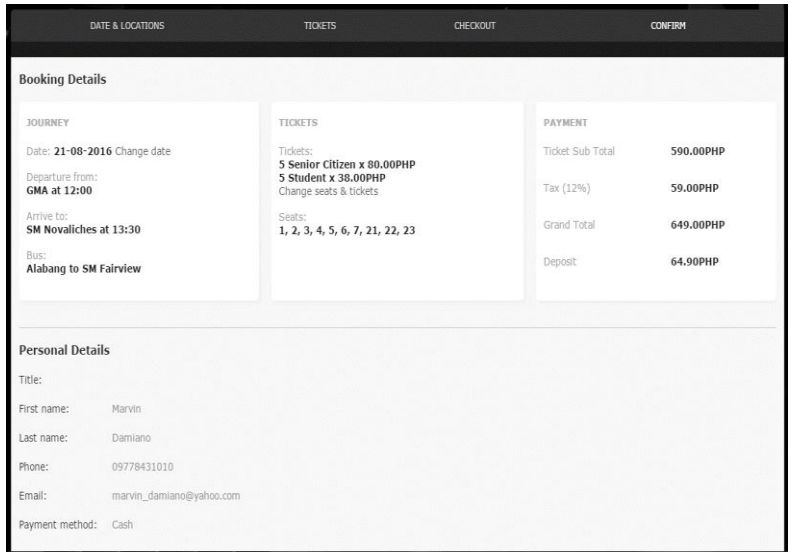
The second step is the Tickets, the passenger will set the number of persons and the seat that they will accommodate. After the passenger finish setting the sit and the tickets, the passenger should click the checkout located at the bottom right of the screen.

4.2.3 Checkout Tab



In this step, the passenger will see the Total of Tickets with tax also the seats that they will accommodate. After confirming the details, the passenger must fill up their Personal details so the Bus Company or Operators can contact the passenger to confirm their Booking/Reservation.

4.2.4 Confirmation Tab



The passenger will have another chance to confirm the transaction before processing it into the database of the system. There would be a Confirmation button at the bottom right of the page.

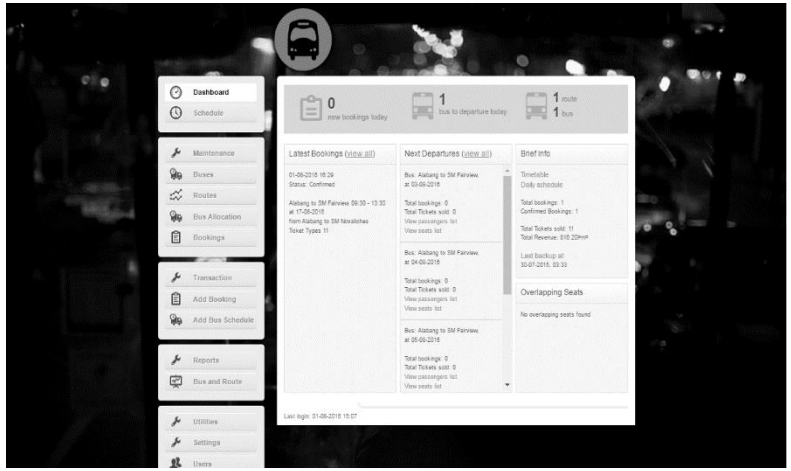
4.3 Administrator Section

The Administrator option have a variety of function. This is where the administrators will view, add or change the bus, location and routes.

4.3.1 Administrator Login

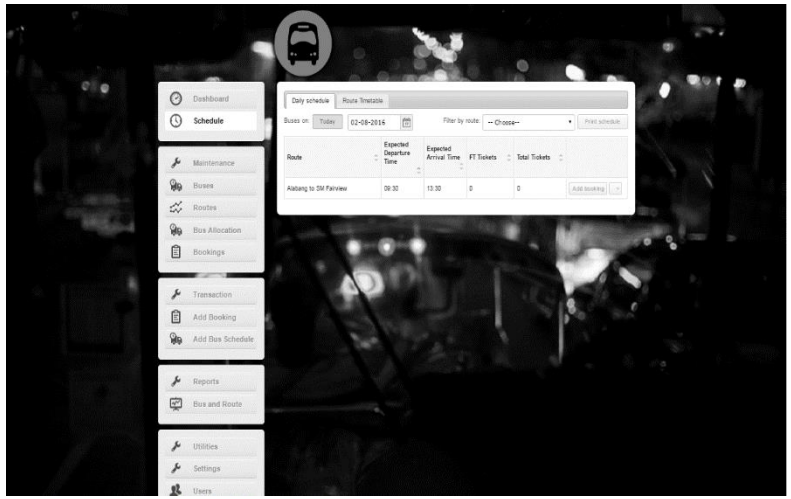
The Administrator Login keeps the system safe from unauthorized use of other people

4.3.2 Dashboard Button

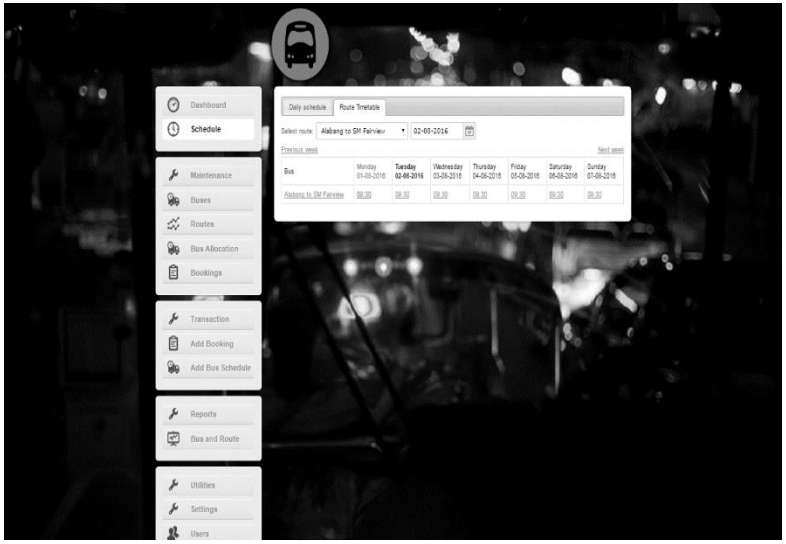


In the Dashboard, the administrator will see the latest reports and summary of the transactions.

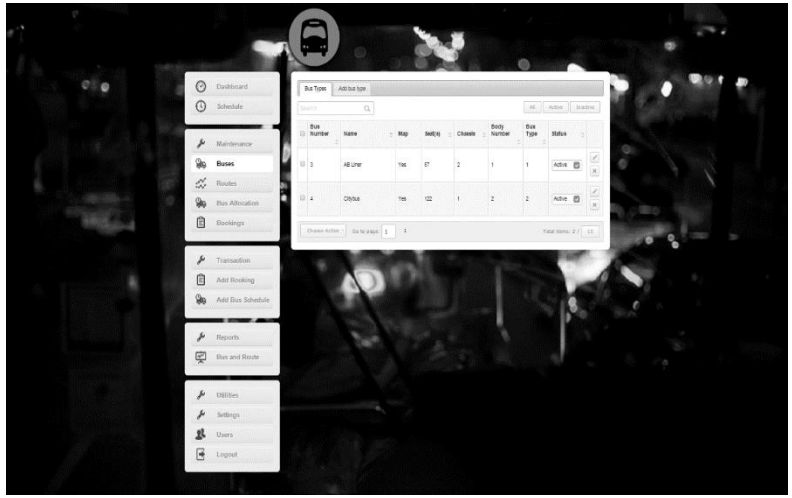
4.3.3 Schedule Button



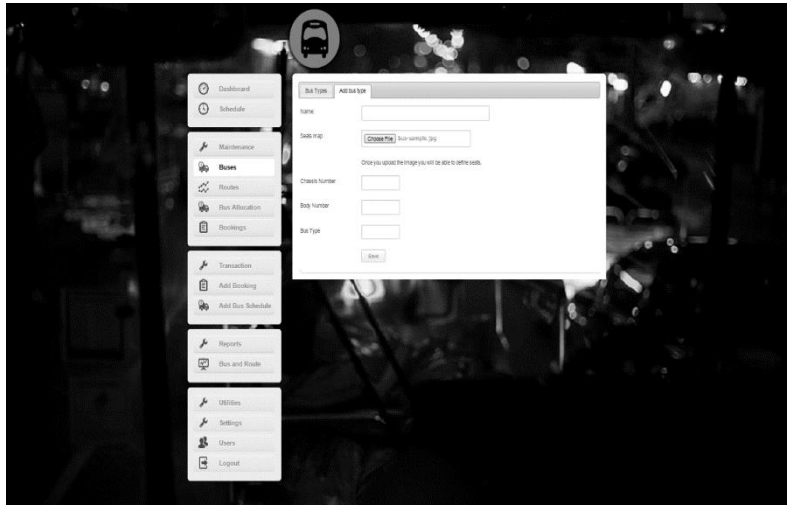
In the schedule, the administrator will see the schedule and also the route time table.



4.3.4 Buses Tab

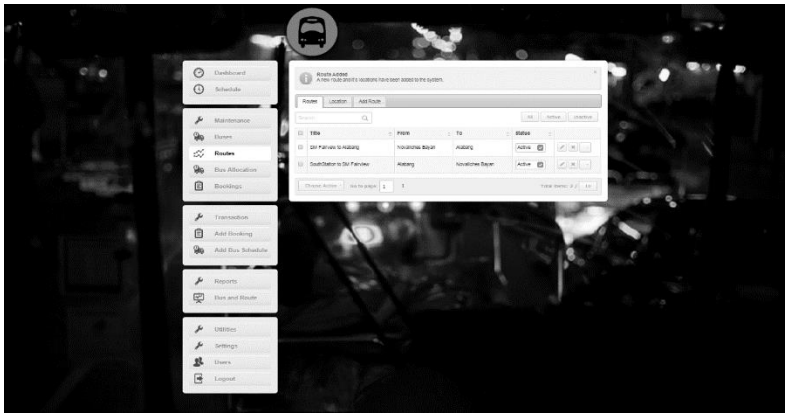


The admin will see the buses that are available and active and there is also an option to edit, update and add buses.

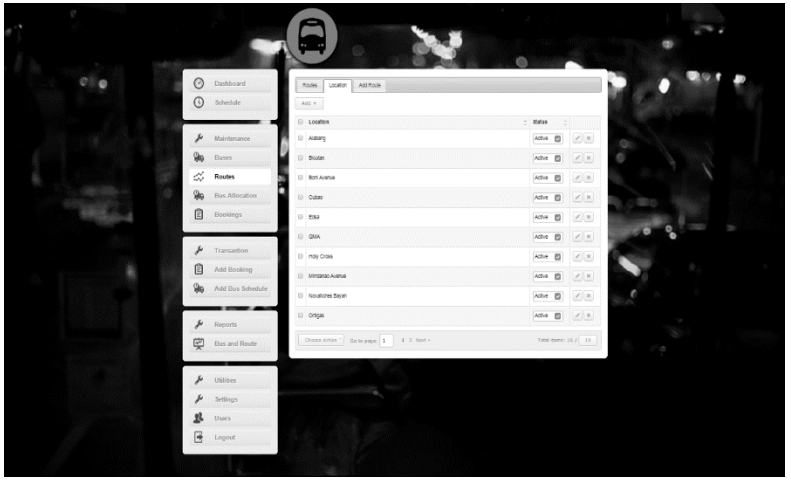


This is the option for adding bus for the trip. This option is located just next of Bus Type Tab.

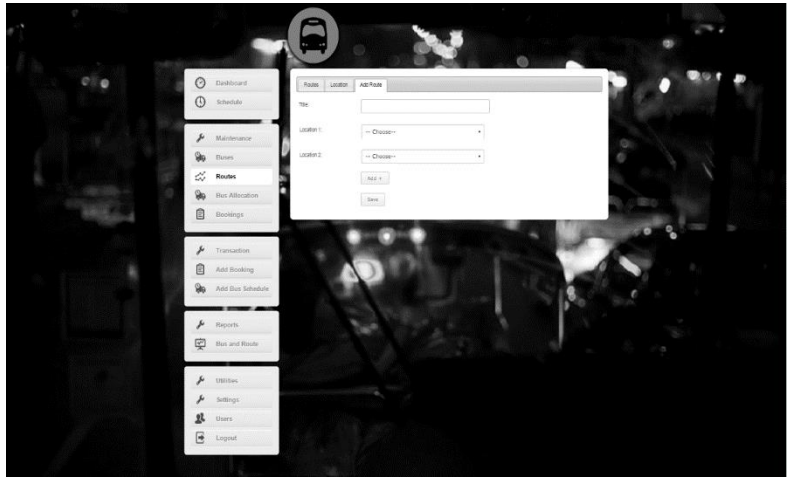
4.3.5 Routes Tab



In this option, Admin can see all the routes that the bus will take. The admin can also use the search by simply typing in the text field the desired route.

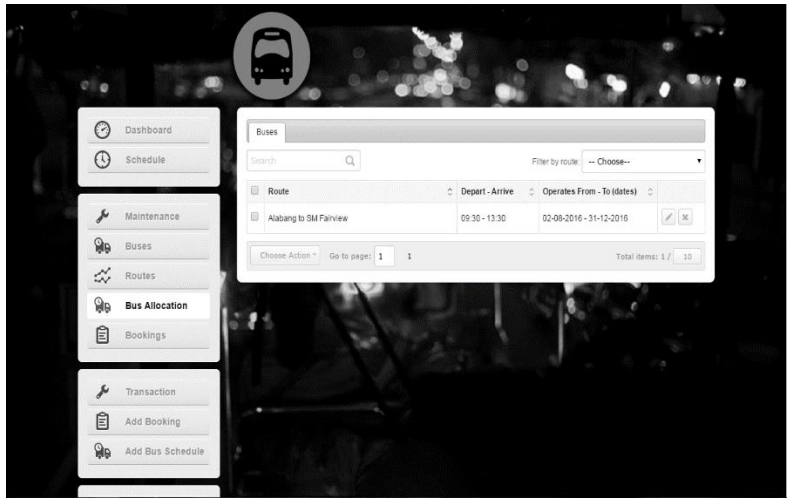


In here, admin will see the available Location that the bus can take

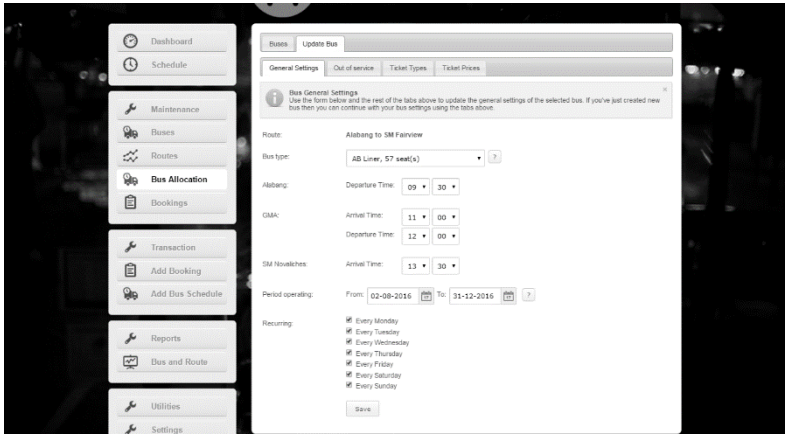


Admin can make routes for the bus by adding the location that it should take in order and the title of it in the text field

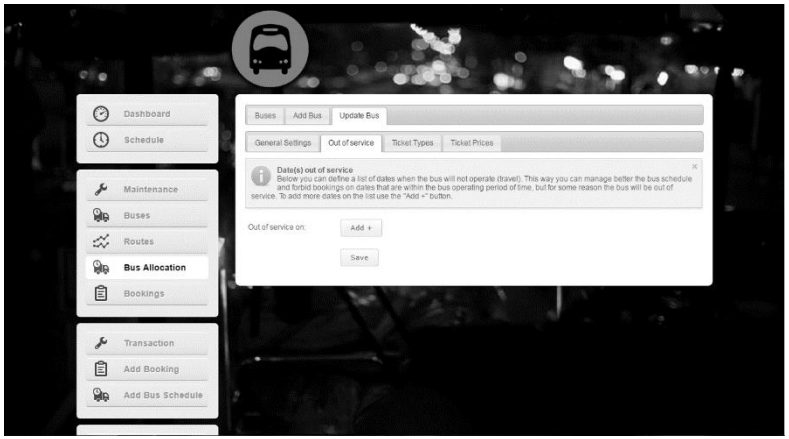
4.3.6 Bus Allocation Button



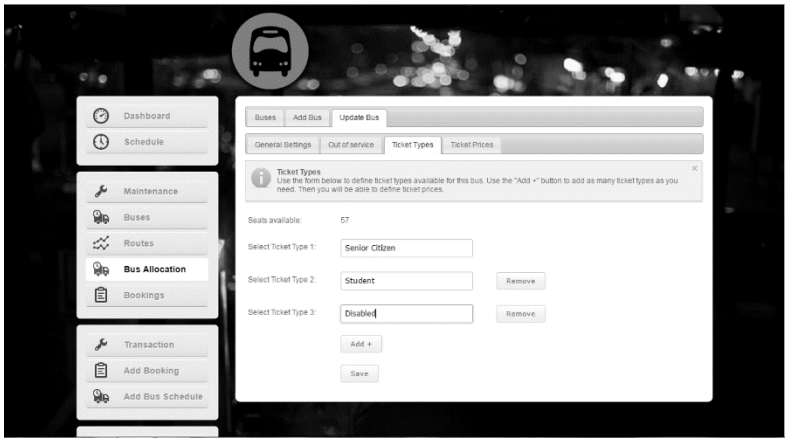
In this option, Admin will see the available routes that the bus will take. Admin can also edit it by simply clicking the pencil icon.



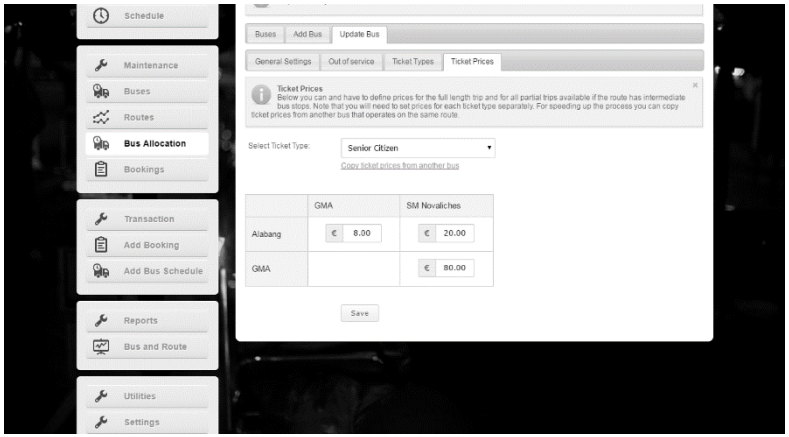
Updating of the time of Arrival and Departure, even the Date of operation of the bus is set in here. Setting the arrival and departure can be done by choosing the time in the Drop down box which will list the time that the user desire to set.



If a bus is Out of Service or in Maintenance, Admin can set them here.



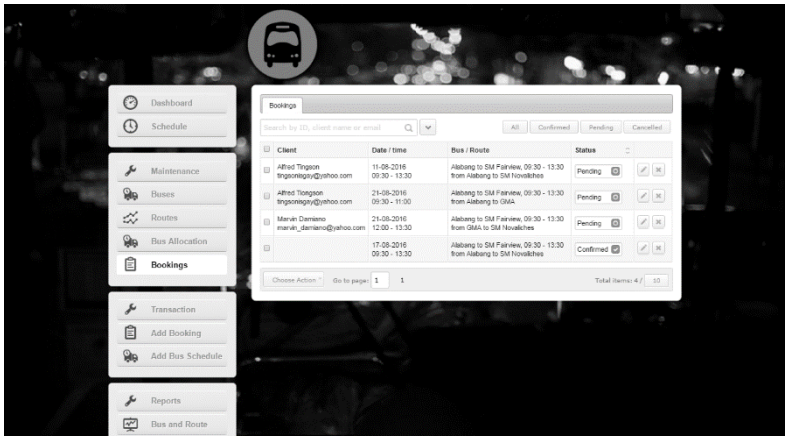
Adding various type of tickets can be conducted here by the admin. He/she can add or remove types of tickets.



Every ticket has its own unique price for every location that the bus would stop. In this particular option, the admin can

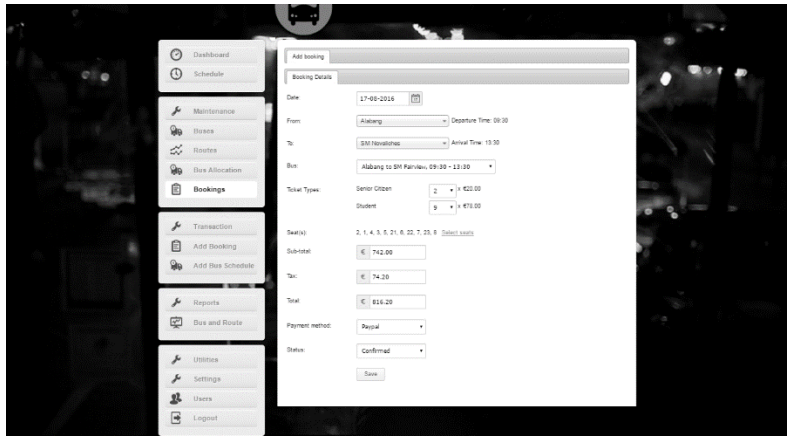
set the price of every type of ticket or just copy it from another bus.

4.3.7 Booking Button



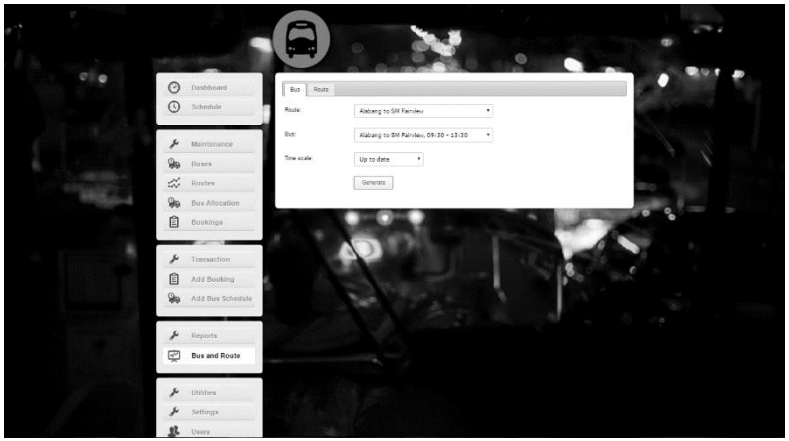
Bookings is where the admin will see the status of the bookings of the passengers. The admin can edit the bookings if the passenger wishes to edit their bookings.

4.3.8 Add Booking Tab



In the Add Booking function, the admin will add the booking of the passenger. The admin will set the desire date of the passenger and the where would he/she desire to go also the Tickets that they wish to buy and the seats. They also have the option choose the Payment Method.

4.3.9 Bus and Route Button



In this section, the admin can generate the busses and routes that the bus will use.

4.3.10 Settings Button

Configuration can be done in here to fit the currency that the bus company uses. Backup of database is also located in here as well as changing the tax.

4.3.11 Users Button

The Users are where the admins username and password is located. This is where you can update user if there is a possible new employee that will use the system.

5.0 SYSTEM REQUIREMENTS

System Requirements

XAMPP

Requirement:	
WINDOWS	Windows 2008,2012, Vista, 7 , 8
Linux	Most all distributions of Linux are supported, including Debian, RedHat, CentOS, Ubuntu, Fedora, Gentoo, Arch, SUSE.
OS X	Mac OS X 10.6 or later.

For Browsers:

Mozilla Firefox

Requirement:	
Windows	Windows XP SP2, Windows Server 2003 SP1, Windows Vista, Windows 7, Windows 8 Windows 10 Recommended Hardware: Pentium 4 or newer processor that supports SSE2 512MB of RAM 200MB of hard drive space

Mac	Mac OS X 10.9 Mac OS X 10.10 Mac OS X 10.11 Recommended Hardware: Macintosh computer with an Intel x86 processor 512MB of RAM 200MB hard drive space
Linux	Firefox will not run without the following Libraries GTK + 3.4 or higher Glib 2.22 or higher Pango 1.14 or higher X.Org 1.0 or higher libstdc++ 4.3 For Optimal Functionality: Network Manager 0.7 or higher DBus 1.0 or higher HAL 0.5.8 or higher GNOME 2.16 or higher

Google Chrome

System Requirement:	
Windows	Windows 7, Windows 8, Windows 8.1, Windows 10 or later An Intel Pentium 4 processor or later that's SSE2 capable
Mac	OS X Mavericks 10.9 or later
Linux	To use Chrome, you'll need: 64-bit Ubuntu 14.04+, Debian 8+, openSUSE 13.1+, or Fedora Linux 21+ An Intel Pentium 4 processor or later that's SSE2 capable

6.0 GLOSSARY

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Text Field – refers to where the user can input value/text.

XAMPP – a cross platform application to make the database work.

Database – an organized container for different types of data. There stores the data of all the information in the system.

Passenger – The user that will use the system by accessing the page.

Administrator – The user that handles the flow of information inside the system.

Drop Down Box – a dropdown list containing available and registered items from the database.