UV EXPRESS SERVICE RESERVATION SYSTEM

User Manual

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BSIT 1 – A

Table of Contents

I. Overview 4

II. Web

1. Configuration 4
2. Package Included 4
3. Designation 4
4. Database Deployment 5
5. User Access Level 5

III. Getting Started

1. Logging In

a. Administrator 6

a. Logging In 6

b. System Menus 6

a. Login Menu 6

b. Manage Transactions 6

c. Manage Trips 7

d. Suggestions

b. Users

a. Main Menu 8

a. Navigation 8

b. Reservation 9

c. Cancelation 9

IV. Using The System

1. Administrator

a. Login 10

b. Perform Transaction 10

c. Insert Trip 11

d. Cancel A Trip 11

2. Users

a. Reserve A Trip 11

b. Cancel A Trip 13

V. Troubleshooting

1. Can't Connect to the Database/Connection Link Failure 14

I. Overview

The **UV Express Service**, a franchise owned by Zambales Operators Drivers Conductors Association **(ZAMODCA),** which provide services from its hub, Olongapo City, to Northern Luzon especially Iba and Sta. Cruz, developed a much simple and user-friendly **reservation system** that will implemented for the first time on their company. It was developed to perform faster reservation especially during pick hours. This system will be on the web browsers.

II. Web

A. Configuration

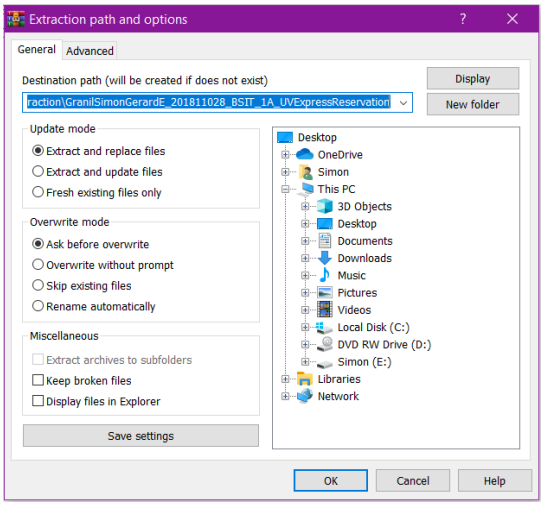
- This application requires a **Web server** application in order to connect the application to the database, which a default SQL file (included on the software file) must be imported. Download the latest version of XAMPP from https://www.apachefriends.org/index.html.

B. Package Included

- GranilSimonGerardE_201811028_BSIT_1A_UVExpressReservation.rar **(HTML, CCS, JavaScript, PHP and SQL file)**
- User Manual

C. Designation

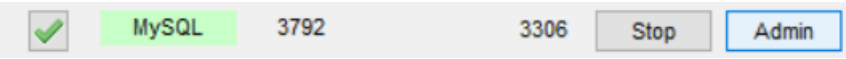
- Extract the .rar file with any third-party software do you like.



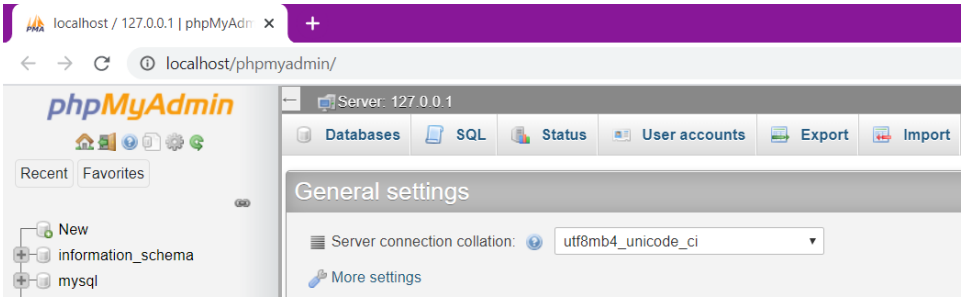
- Put it on the following directory: **C:\xampp\htdocs**

D. Database Deployment

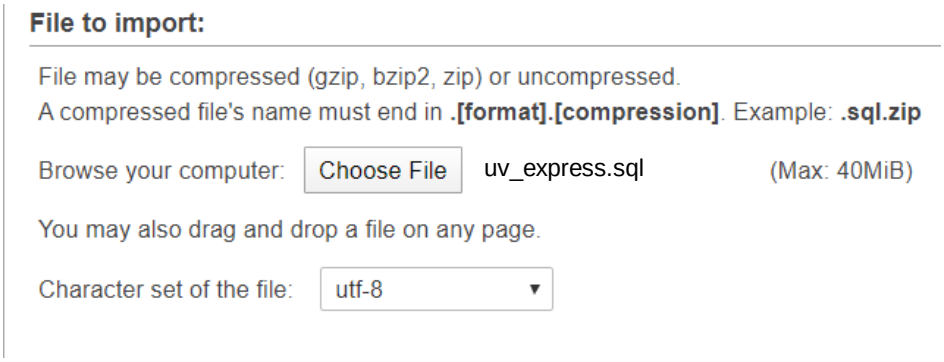
- Open XAMPP. Click **Admin** under MySQL block, it will direct you to the main panel.



- Find the **Import** tab on the upper screen, then click on it.



- **Choose File**, then go to your application directory. Locate the .sql file on the directory folder, then upload.



- Click **Go** on the bottom left of the screen.

E. User Access Level

- Only registered user, especially booth attendants are able to perform transaction and save data to the database.
- Default username: **admin**; Default password: **admin123**
- Contact your administrator for account registration.

III. Getting Started

1. Administrator

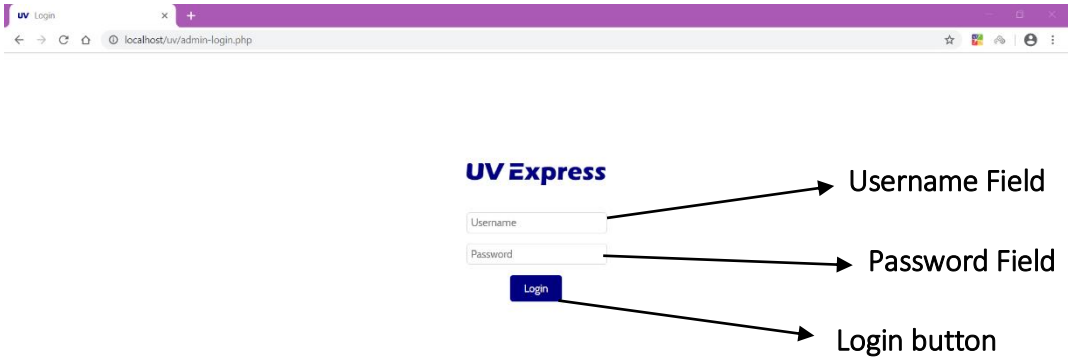
A. Logging In

- User ID and password are delivered to user together with UV Express Service Reservation System package (See Article II Section E).
- Just put the default username and password the click log-in.

B. System Menus

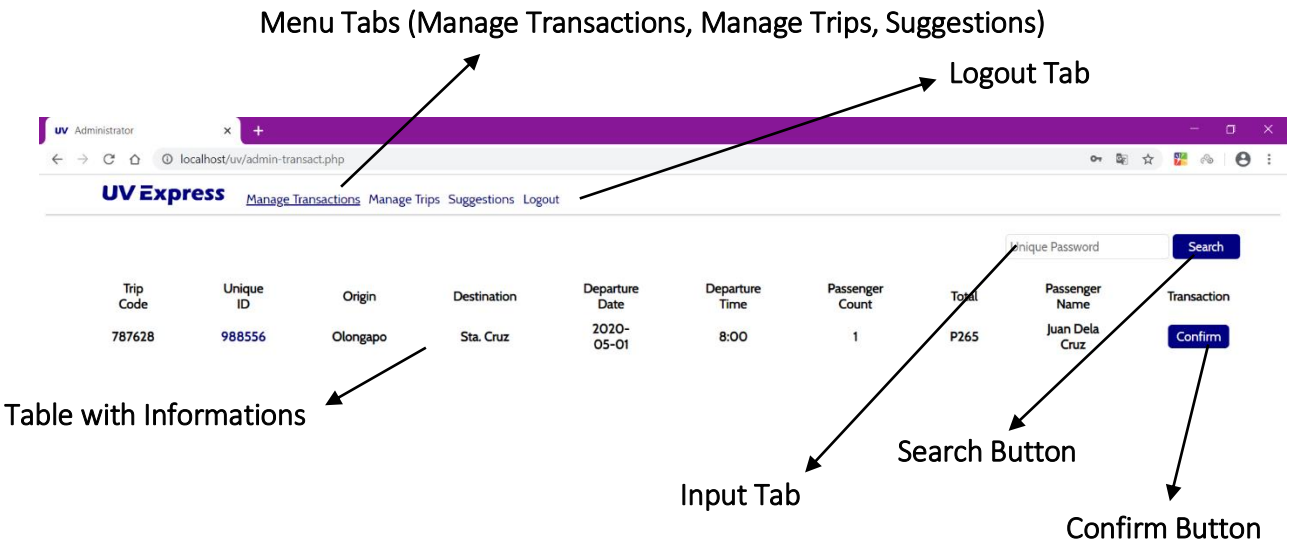
The UV Express Service Reservation System consist of a log in menu, manage transaction menu, manage trips menu, suggestion menu which will be discussed below.

a. Log in Menu – Log in menu (Figure 1) performs log in validation for the registered user, consist of the following tabs, button and input fields in orders you to log in into the system:



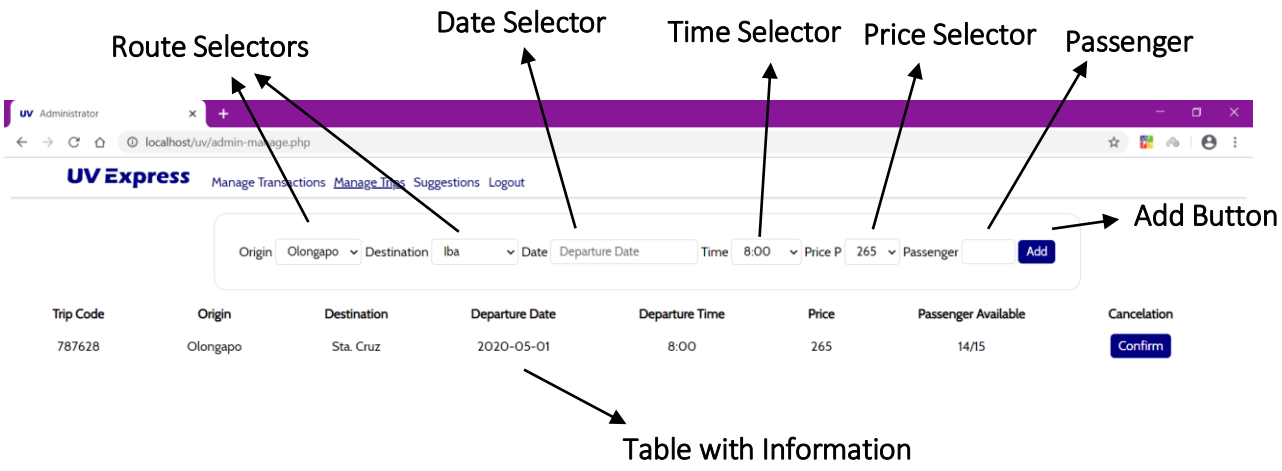
(Figure 1. Login Menu)

a. Manage Transactions – Manage Transactions (Figure 2) performs main transaction, consist of a table with ten rows to show transaction information, an input field for the unique code, search button for code verification, confirm button for transaction confirmation and a table with several columns for the query display.



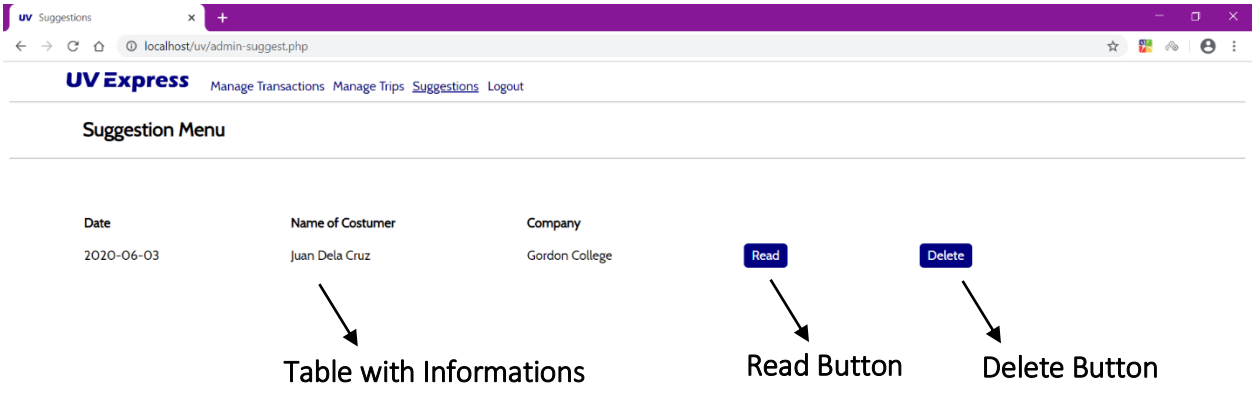
(Figure 2. Manage Transactions)

b. Manage Trips – Manage Trips (Figure 3) manage trip routes, date, time, price and amount of passengers. consist of four dropdowns for the route selector, time selector, and price selector; two input field for the date selector and amount of passenger; confirm button for the trip cancellation and a table with several columns for the query display.

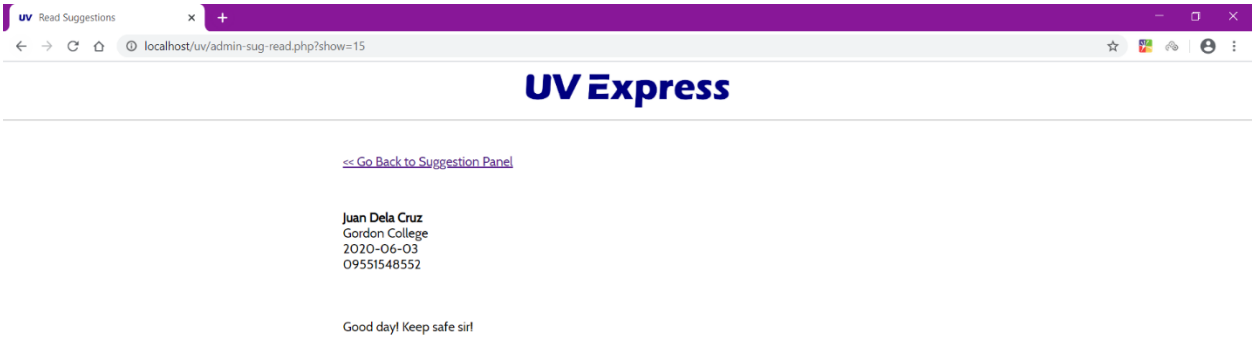


(Figure 3. Transaction History)

d. Suggestions – Suggestions (Figure 4) manage suggestions and request sent by the costumers. consist of two button for reading and deleting suggestions and a table with several columns for the query display.



(Figure 4. Suggestions)



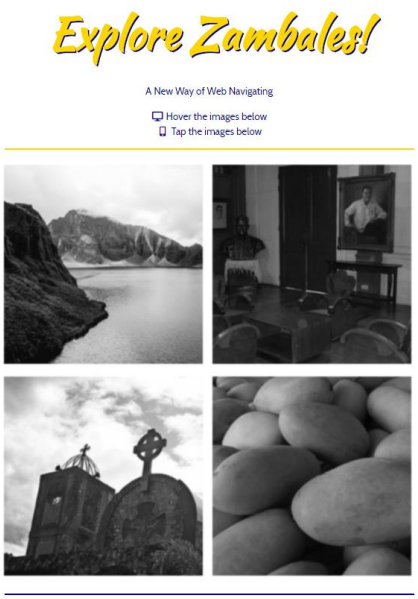
(Figure 5. Opening a message)

2. Users

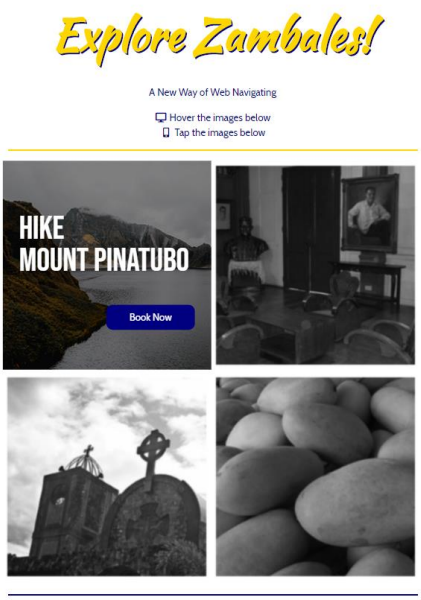
A. Main Menu

- The UV Express Service Reservation System consist of three sections: navigation, reservation and cancelation which will be discussed below.

a. Navigation – Navigation (Figure 6 and 7), a very unique and hoverable navigation bar which features main tourist attractions in Zambales.

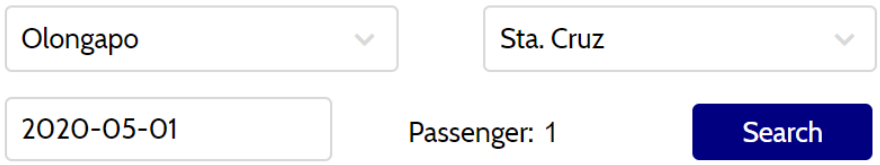


(Figure 6. Navigation Bar)



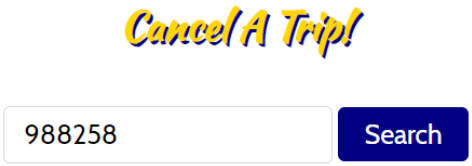
(Figure 7. Navigation when hovered)

b. Reservation – Reservation section (Figure 8), consist of two drop down for the route selector (Notice that the second dropdown was unable to select and marked its border as yellow, unless you picked your origin), input field for the date selector and search button for the query.



(Figure 8. Reservation)

c. Cancellation – Cancelation section (Figure 9), consist of input field for the unique code and search button for the query.



(Figure 9. Cancelation)

IV. Using the System

1. Administrator

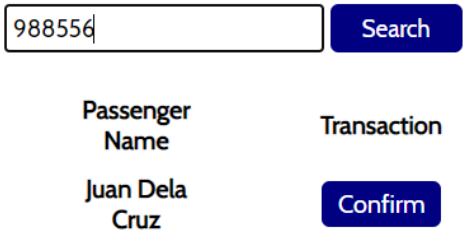
A. Login

- Type the default username and password then click log in.

(Figure 10. Typing the default username and password)

B. Perform Transaction

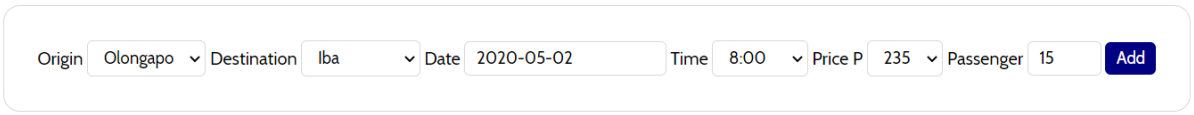
- Search the Unique ID
- Click Confirm.



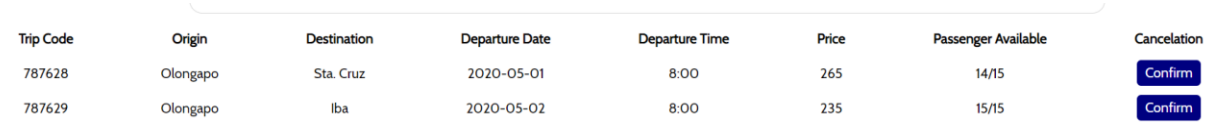
(Figure 11. Confirmation)

C. Insert Trip

- Select route origin and destination, date of departure, time of departure, price and amount of passenger, then press Add.



(Figure 12. Trip Selector)



Trip Code	Origin	Destination	Departure Date	Departure Time	Price	Passenger Available	Cancelation
787628	Olongapo	Sta. Cruz	2020-05-01	8:00	265	14/15	Confirm
787629	Olongapo	Iba	2020-05-02	8:00	235	15/15	Confirm

(Figure 13. Trip Created)

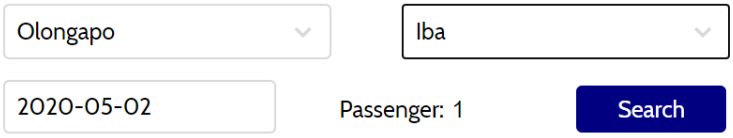
D. Cancel A Trip

- Go to your desire trip. Click Confirm.

2. Users

A. Reserve A Trip

- Select route origin and destination and date of departure, then press Search.

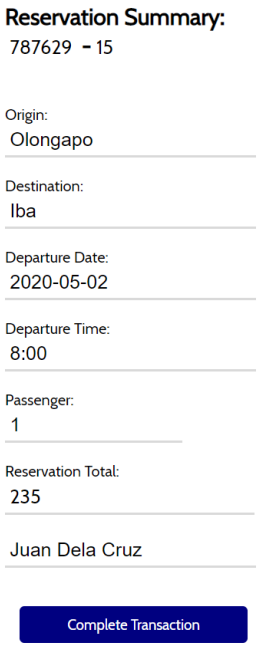


(Figure 14. Reservation)

- Results are already shown. Click Avail.

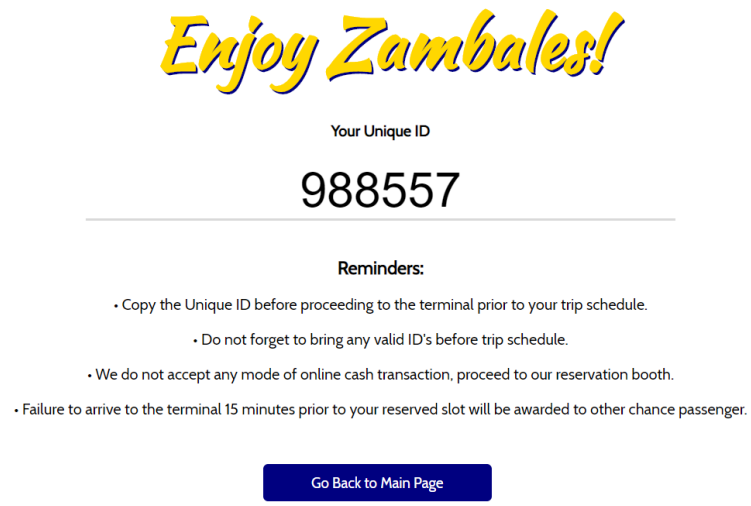
(Figure 15. Results)

- Trip informations are already shown. Insert your name and click Complete Transaction. Double check the form before submitting.



(Figure 16. Form)

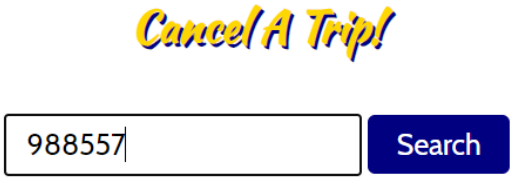
- Copy the Unique ID and present it to the counter prior to the date of departure and time.



(Figure 17. Unique ID)

E. Cancel A Trip

- Insert your Unique ID then click Search.

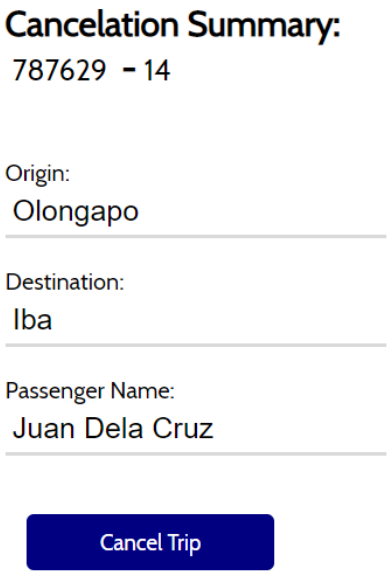


(Figure 18. Cancelation Section)

- Press Confirm.

(Figure 19. Cancelation Searc Result)

- Review your information before clicking Cancel Trip. A confirmation message will appear.



(Figure 20. Information are shown through table)

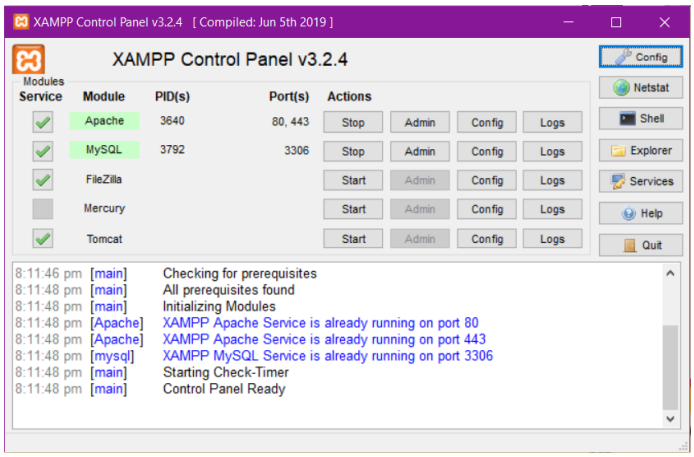
V. Troubleshooting

A. Cannot connect to the database/Communication link failure

- Make sure that you already installed a web server application before using this application.

(Figure 13. XAMPP web server)

- You must import the SQL file that indicated on the package.
- Check if the Apache and MySQL services from the web server application are already started/running.



(Figure 14. XAMPP control panel)

- Contact the developer.