

# AVTechnical Timetabling and Scheduling Application

## Login and Setup Information

User Login Information:

### Engineer 1

Username: Brad

Password: Password1

### Engineer 2

Username: Dan

Password: Password2

### Engineer 3

Username: Neil

Password: Password3

### Receptionist

Username: Cheryl

Password: Password4

### Manager

Username: Garry

Password: Password5

# Setup Guide:

## Step 1.

To begin the setup of this application download WAMP server from:

<http://www.wampserver.com/en/#download-wrapper>

## Step 2.

Install WAMP server. During the installation be sure to tick the box to install MySQL.

## Step 3.

Once the installation is launch WAMP and check your desktop tray to find the WAMP server logo. It should look like this:



## Step 4.

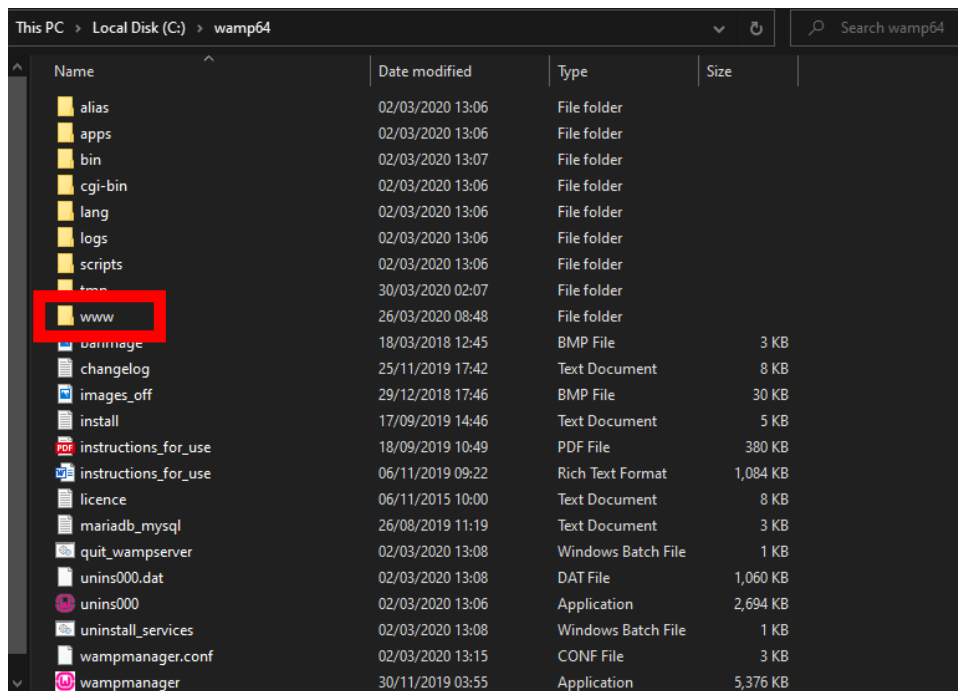
Assure that all the services are working correctly. If they are the WAMP icon will be green as shown above. If not the WAMP logo will be either orange or red. If this is the case please consult the WAMP forum to troubleshoot any issues: <http://forum.wampserver.com/list.php?2>

## Step 5.

Download the Zipped Code File that was submitted alongside the dissertation named AVTECH.zip

## Step 6.

Inside the folder will be a file named “Code” Extract all the files inside this folder into the WAMP64 folder named www:



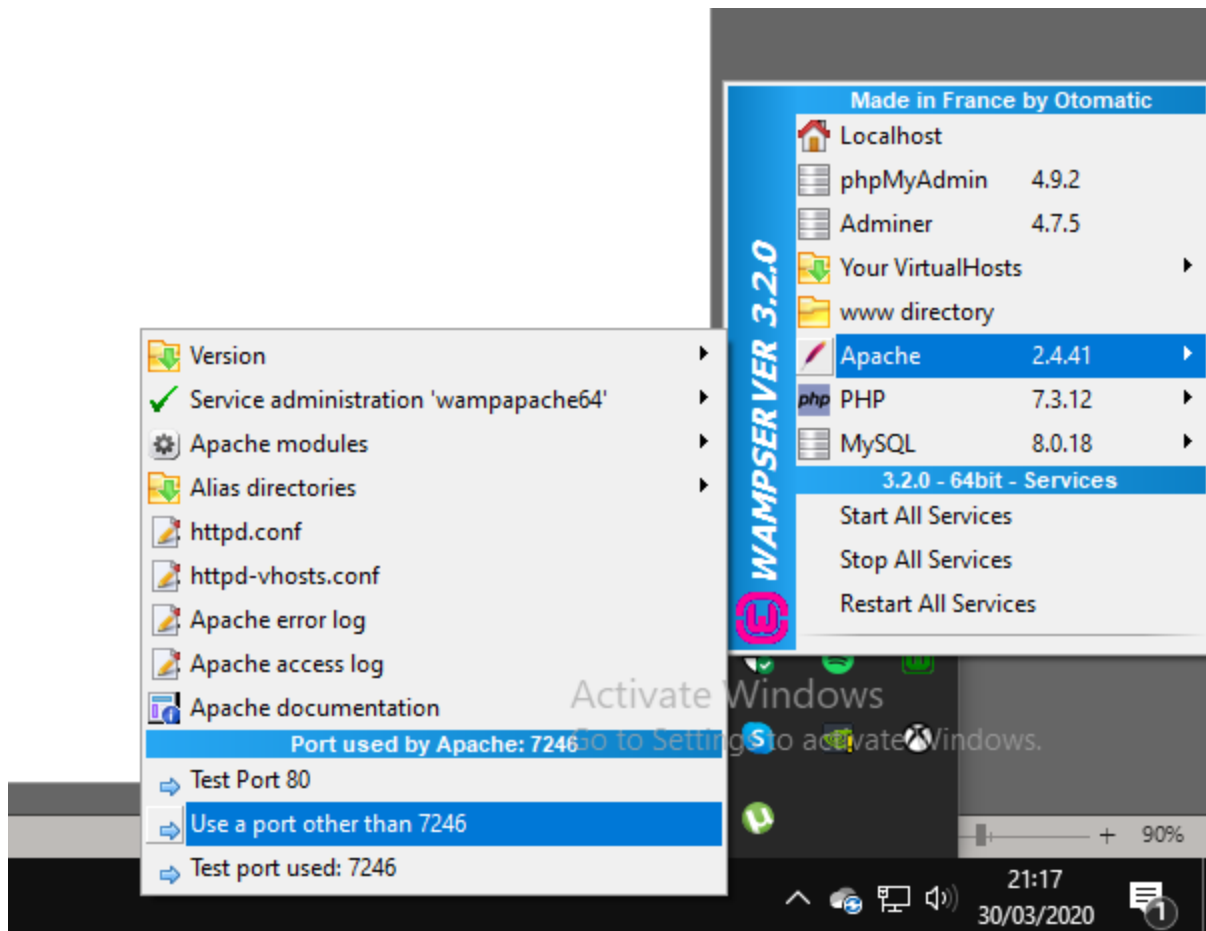
## Step 7.

The inside of the www file should look something like this:

Name	Date modified	Type	Size
form	16/03/2020 15:24	File folder	
images	02/03/2020 13:14	File folder	
wamplangues	02/03/2020 13:06	File folder	
wampthemes	02/03/2020 13:06	File folder	
acceptJob1.php	30/03/2020 19:51	PHP File	2 KB
acceptJob2.php	26/03/2020 13:09	PHP File	2 KB
acceptJob3.php	26/03/2020 13:09	PHP File	2 KB
acceptSwap1.php	26/03/2020 13:09	PHP File	2 KB
acceptSwap2.php	26/03/2020 13:10	PHP File	2 KB
acceptSwap3.php	26/03/2020 13:10	PHP File	2 KB
add_vhost.php	18/10/2019 09:55	PHP File	24 KB
avskeleton.php	25/03/2020 06:27	PHP File	134 KB
avtechmanager.php	25/03/2020 06:27	PHP File	116 KB
avtechreceptionist.php	25/03/2020 06:27	PHP File	14 KB
avtechstyle	09/03/2020 21:46	Cascading Style S...	14 KB
avtechtse1.php	26/03/2020 13:10	PHP File	134 KB
avtechtse2.php	25/03/2020 06:27	PHP File	135 KB
avtechtse3.php	25/03/2020 06:27	PHP File	135 KB
avtechtslogin.php	26/02/2020 06:20	PHP File	2 KB
avtechtsloginstyle	26/02/2020 04:57	Cascading Style S...	4 KB
completeJob1.php	30/03/2020 19:51	PHP File	2 KB
completeJob2.php	26/03/2020 13:12	PHP File	2 KB
completeJob3.php	26/03/2020 13:12	PHP File	2 KB
delete.php	24/02/2020 23:40	PHP File	1 KB
favicon	14/01/2020 10:50	Icon	25 KB
index.php	26/11/2019 10:41	PHP File	20 KB
insert1.php	26/03/2020 13:08	PHP File	2 KB
insert2.php	26/03/2020 13:09	PHP File	2 KB
insert3.php	26/03/2020 13:09	PHP File	2 KB
insertreceptionist.php	25/03/2020 05:25	PHP File	2 KB
jobSwap1.php	26/03/2020 13:11	PHP File	2 KB
jobSwap2.php	26/03/2020 13:11	PHP File	2 KB
jobSwap3.php	26/03/2020 13:11	PHP File	2 KB
login.php	18/03/2020 20:08	PHP File	2 KB

## Step 8.

Check which port you have chosen to host on localhost. If it does not work on port 80 this could be due to an application such as Skype being open. If it continues to be troublesome change the port number by clicking the WAMP icon and following the menu below.



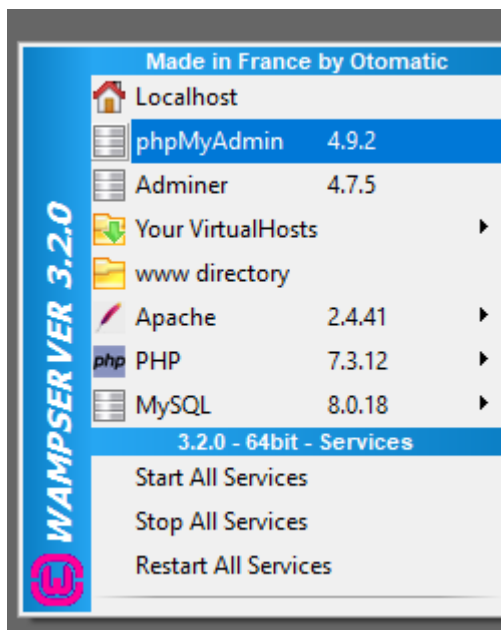
## Step 9.

If it is necessary for you to change the port number, you may need to also change the httpd.conf too. Follow what has been typed below replacing “7246” with whichever port number you have chosen.

```
#
# Listen: Allows you to bind Apache to specific IP addresses and/or
# ports, instead of the default. See also the <VirtualHost>
# directive.
#
# Change this to Listen on specific IP addresses as shown below to
# prevent Apache from glomming onto all bound IP addresses.
#
#Listen 12.34.56.78:80
Listen 0.0.0.0:7246
Listen [::0]:7246
```


## Step 10.

Return to the AVTECH.zip file you originally downloaded. Inside here will be another folder named database. Inside here is a .sql file which will be used to import the database structure to your WAMP server. To do this go phpMyAdmin on the WAMP menu bar:



## Step 11.

Login to the database. The username should be root and the password should be blank.

Log in 

Username:

root

Password:

Go

## Step 12.

Try importing the database file “avtechts.sql” from AVTECH.zip into the database.

Databases

SQL

Status

User accounts

Export

Import

Importing into the current server

File to import:

File may be compressed (gzip, bzip2, zip) or uncompressed.  
A compressed file's name must end in `.[format].[compression]`. Example: `.sql.zip`

Browse your computer: 

Browse...

 (Max: 128MiB)

You may also drag and drop a file on any page.

Character set of the file: 

utf-8

Partial import:

☒ Allow the interruption of an import in case the script detects it is close to the PHP timeout limit.

Skip this number of queries (for SQL) starting from the first one: 

0

If this is unsuccessful, try creating a new database named “avtechts” and importing again.

New

Databases

Create database ⓘ

avtechts x utf8mb4\_0900\_ai\_ci Create

Database ▲	Collation	Action
<input type="checkbox"/> avtechts	utf8mb4_0900_ai_ci	Check privileges
<input type="checkbox"/> information_schema	utf8_general_ci	Check privileges
<input type="checkbox"/> mysql	utf8mb4_0900_ai_ci	Check privileges
<input type="checkbox"/> performance_schema	utf8mb4_0900_ai_ci	Check privileges
<input type="checkbox"/> sys	utf8mb4_0900_ai_ci	Check privileges
<input type="checkbox"/> wifichat	utf8mb4_0900_ai_ci	Check privileges
Total: 6	utf8mb4_0900_ai_ci	

☐ Check all With selected: Drop

Note: Enabling the database statistics here might cause heavy traffic between the web server and the MySQL server.

- Enable statistics

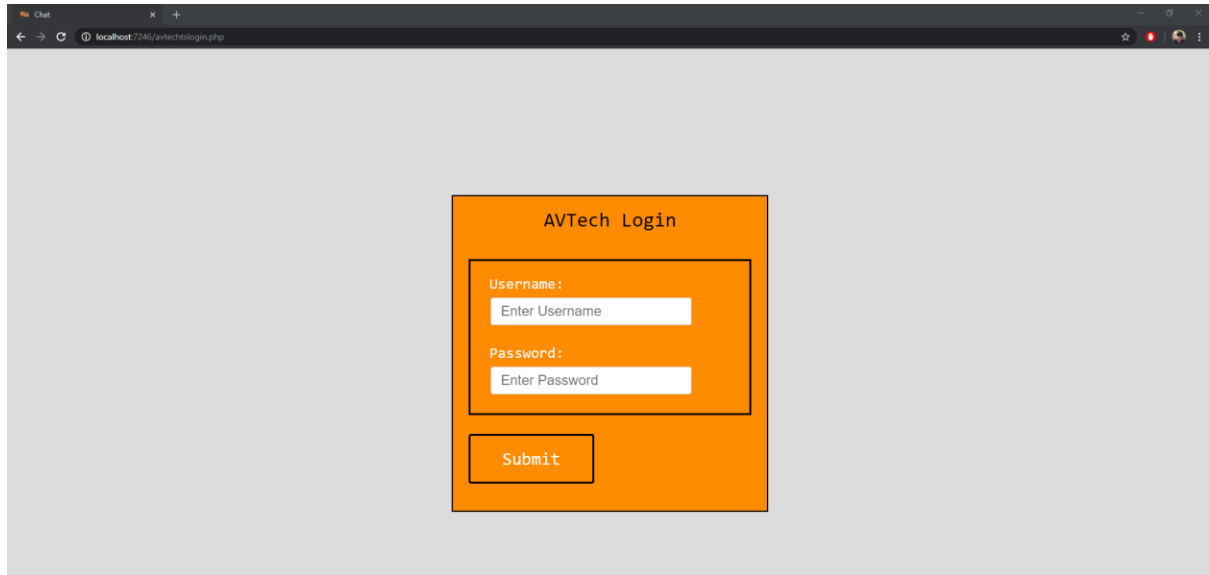


## Step 12.

Now you can restart the services by clicking the WAMP icon and clicking 'Restart Services'.

Go to a web browser and type: localhost:[YOUR PORT NUMBER]/avtechlogin.php

If everything has worked successfully you should be presented with the login page where the logins can be entered:



The screenshot shows a web browser window with the address bar displaying 'localhost:7345/avtechlogin.php'. The main content area is a light gray background. In the center, there is an orange rectangular box with a black border. Inside this box, the text 'AVTech Login' is centered at the top. Below this, there is a white rectangular box with a black border. Inside this white box, the text 'Username:' is followed by a white input field with the placeholder text 'Enter Username'. Below this, the text 'Password:' is followed by a white input field with the placeholder text 'Enter Password'. Below the white box, there is an orange rectangular button with a black border and the text 'Submit' centered inside it.