

ENPM 809W - Introduction to Secure Coding

Project Phase 2 - Documentation

Student Details

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Section 1. Contents in the Github Repository

1. Source Code
2. .SQL file containing the database, tables and its values

Disclaimer: This document is talking with Windows as the Operating System. Some steps might vary depending on other Operating Systems. <https://www.youtube.com/watch?v=778riHTlhvo> **YT Link**

Phase 1: Installing XAMPP and setting up

The web application uses XAMPP to run the PHP files. To download XAMPP, use the link below to download the latest version of XAMPP and install the Software. The installation is very straight forward like installing any other software

<https://www.apachefriends.org/download.html>

When the software is installed, copy the "passwordvault" folder to the "htdocs" folder available in the folder that you installed XAMPP. For this example, the XAMPP is installed in E: Drive and in PHP folder. The "passwordvault" folder is copied to the htdocs in the following directory

E:/PHP/htdocs/passwordvault

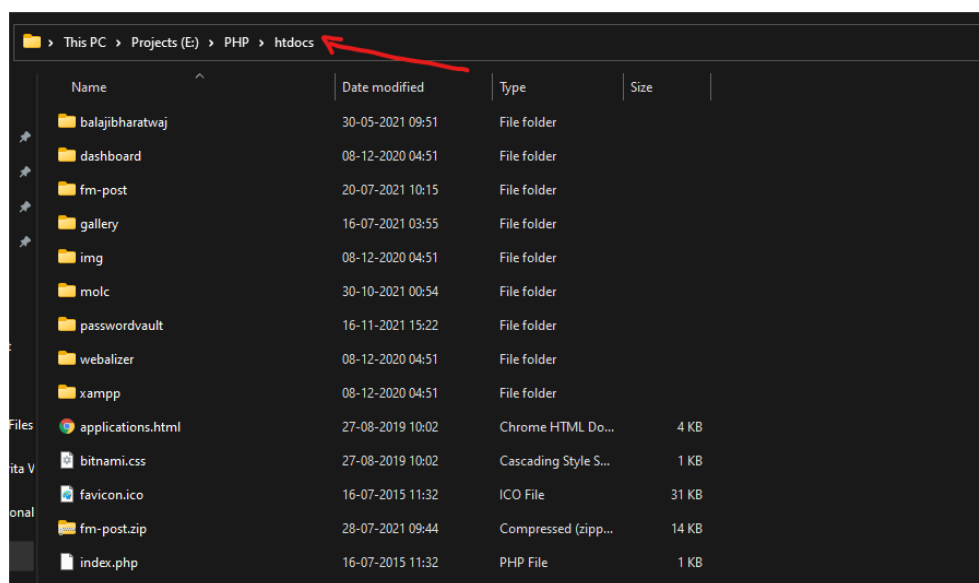


Figure 1: Screenshot of the directory where passwordvault folder is copied

After the folder is copied start XAMPP and start the following services

1. Apache
2. MySQL
3. FileZilla

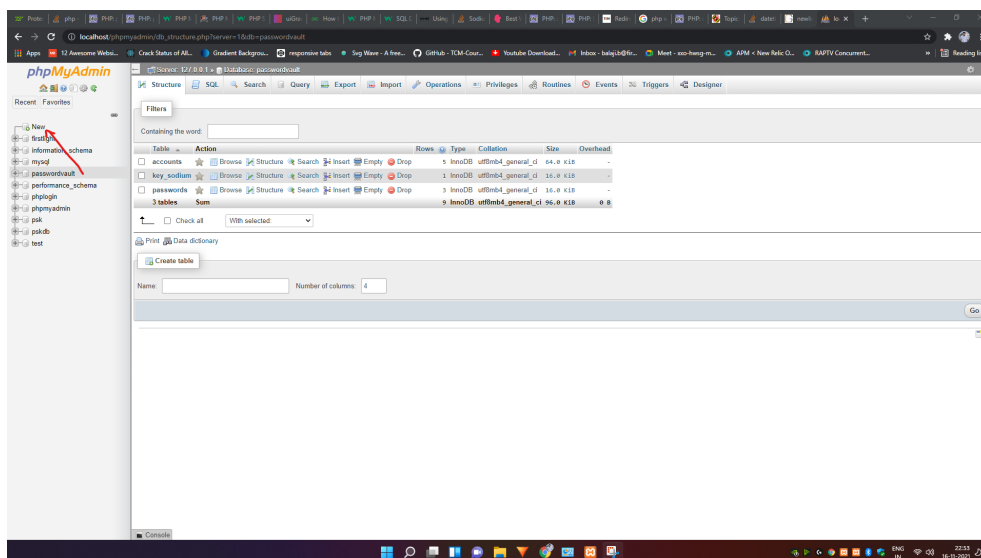
Upon starting those services go to your preferred web browser and type the following in the address bar

localhost/phpmyadmin

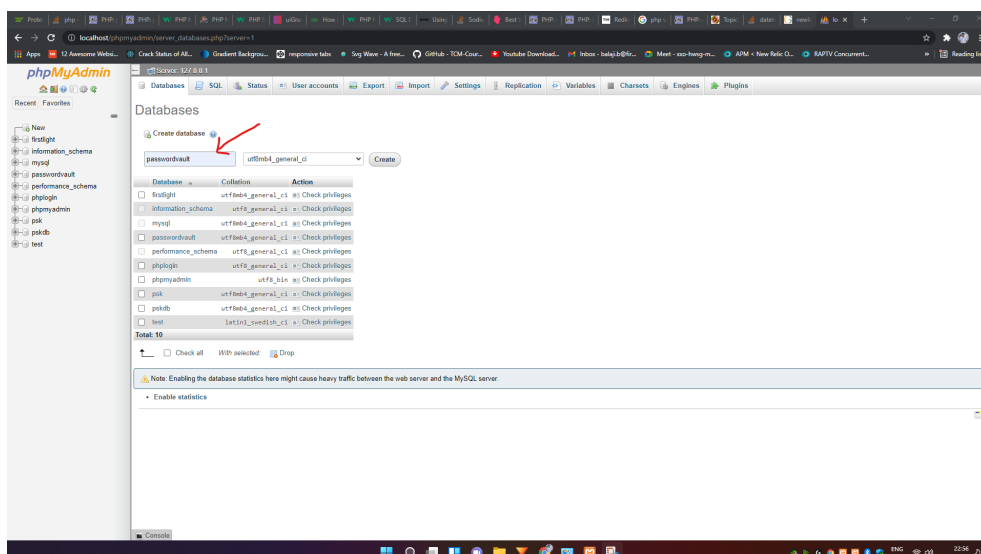
Phase 2: Creating database and adding data

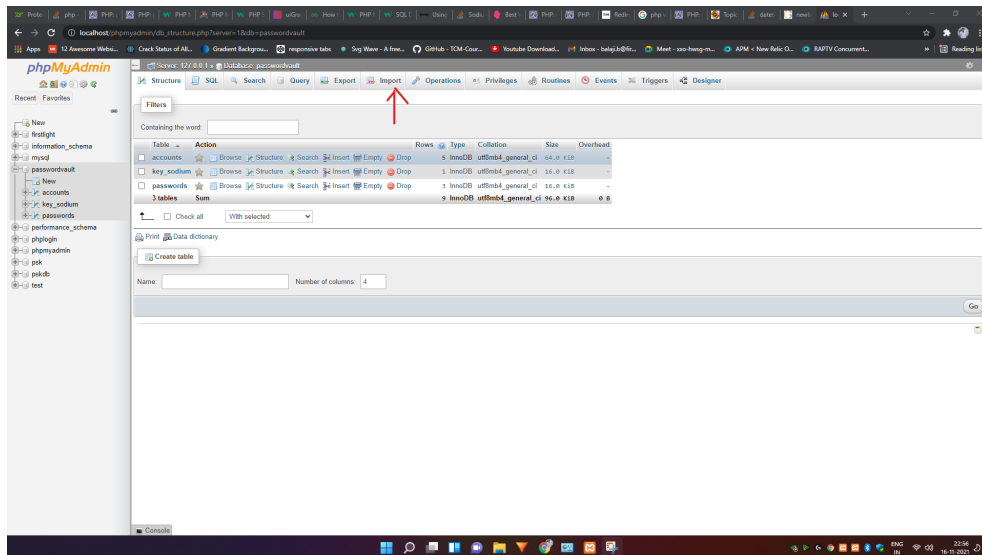
Follow the steps given below to create a database and add data to the database

1. Click "NEW" on the left hand side

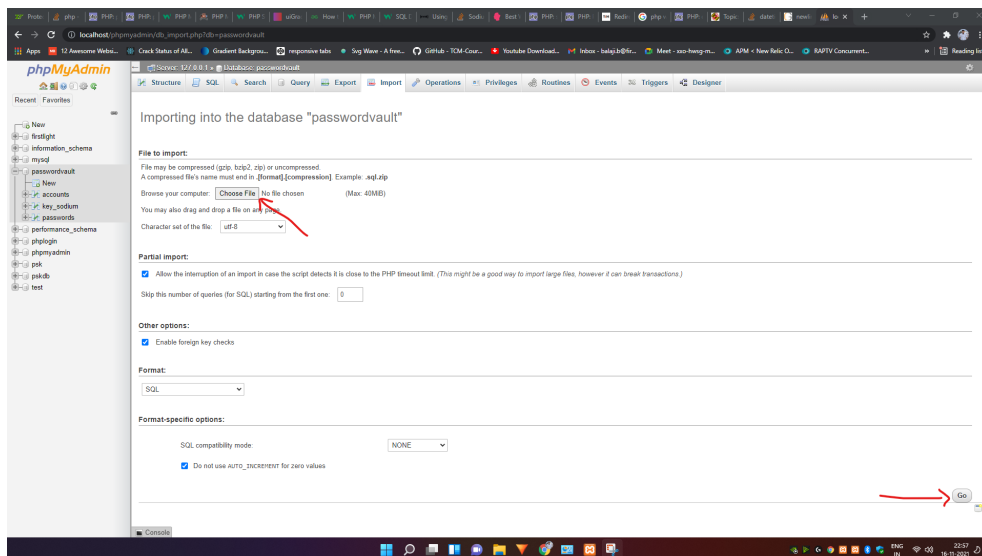


2. Enter the name of the database as "passwordvault" (without any quotes, all small) and click GO





3. Once the database is created, click the database on the left hand side, and click "IMPORT" on the top of the page.
4. It will ask you to upload a file to import data. Select the .SQL file (Available in the Github). Once uploaded hit Go



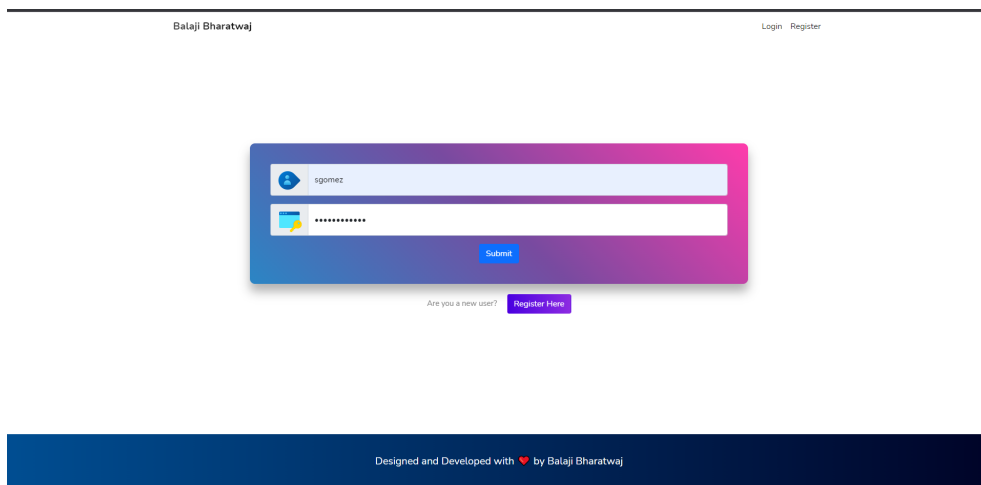
5. Once the data is uploaded you can see three tables called accounts, passwords and key_sodium on the left hand side.

Phase 3: Running the Web Application

1. The web application can be run by entering the following line in the address bar.

localhost/passwordvault

2. You will be presented with a website and the figure below shows the landing page of the website.
3. Click "Login" in the navigation bar at the top and enter the following as credentials
 - (a) Username : sgomez
 - (b) Password : Firefox!2021



4. Upon Successful Login you will be presented with a dashboard as shown in the figure.

