# Project Usage Instructions

# Running the Project Locally Using XAMPP and PHPMyAdmin

Prerequisites:  
- Install XAMPP from Apache Friends (https://www.apachefriends.org/index.html).  
- Download your project files.  
  
Step-by-Step Instructions:  
  
1. Install and Setup XAMPP:  
- Download and install XAMPP on your local machine.  
- Open XAMPP Control Panel and start Apache and MySQL.  
  
2. Set Up the Project Directory:  
- Navigate to the XAMPP installation directory (usually C:\xampp\htdocs).  
- Create a new folder for your project, e.g., ProjectOne.  
- Copy all your project files (register.php, login.php, booking.php, admin.php) into this folder.  
  
3. Create the Database:  
- Open your web browser and go to http://localhost/phpmyadmin.  
- Create a new database, e.g., projectone\_db.  
- Import the necessary tables using the SQL queries provided in SQL queries.txt. You can copy and paste these queries into the SQL tab in PHPMyAdmin to execute them.  
  
CREATE TABLE customers (  
 email VARCHAR(255) PRIMARY KEY,  
 name VARCHAR(100) NOT NULL,  
 password VARCHAR(255) NOT NULL, -- Ideally, store hashed password  
 phone\_number VARCHAR(15) NOT NULL  
);  
  
CREATE TABLE bookings (  
 booking\_number INT AUTO\_INCREMENT PRIMARY KEY,  
 email VARCHAR(255),  
 passenger\_name VARCHAR(100) NOT NULL,  
 contact\_phone VARCHAR(15) NOT NULL,  
 unit\_number VARCHAR(10) NULL,  
 street\_number VARCHAR(10) NOT NULL,  
 street\_name VARCHAR(100) NOT NULL,  
 suburb VARCHAR(50) NOT NULL,  
 destination\_suburb VARCHAR(50) NOT NULL,  
 pickup\_datetime DATETIME NOT NULL,  
 booking\_datetime TIMESTAMP NOT NULL DEFAULT CURRENT\_TIMESTAMP,  
 status VARCHAR(50) NOT NULL DEFAULT 'unassigned',  
 FOREIGN KEY (email) REFERENCES customers(email)  
);  
  
4. Update Database Configuration:  
- Ensure your PHP files have the correct database connection settings. Open each PHP file that connects to the database and check the connection parameters (hostname, username, password, database name). Typically, it looks like this:  
  
$servername = "localhost";  
$username = "root";  
$password = "";  
$dbname = "projectone\_db";  
  
// Create connection  
$conn = new mysqli($servername, $username, $password, $dbname);  
  
// Check connection  
if ($conn->connect\_error) {  
 die("Connection failed: " . $conn->connect\_error);  
}  
  
5. Running the Project:  
- Open your web browser and navigate to the registration page: http://localhost/ProjectOne/register.php.  
- Follow the steps as you would on the live server to register, login, make a booking, and manage bookings.  
  
Detailed Instructions for Each Page:  
  
Registration Page (register.php):  
- URL: http://localhost/ProjectOne/register.php  
- Fill in all fields to register. If already registered, use the "login here" hyperlink.  
  
Login Page (login.php):  
- URL: http://localhost/ProjectOne/login.php  
- Enter correct email and password used during registration.  
  
Booking Page (booking.php):  
- URL: http://localhost/ProjectOne/booking.php  
- Enter all required fields, ensure the booking time is at least 40 minutes later than the current time.  
  
Admin Page (admin.php):  
- URL: http://localhost/ProjectOne/admin.php  
- Enter the admin password (root by default) to access the list of bookings and assign taxis.  
  
By following these steps, you can run and test your project locally using XAMPP and PHPMyAdmin.

# Running the Project on a web server Using mercury

1. URL for accessing Project:  
<https://mercury.swin.edu.au/cos80021/s104168546/Project1/>

[Note : Need to connect to cisco anyconnect secure mobility client or other valid vpn to connect to swinburne’s network to access mercury of Swinburne, and login using swinburne’s user id and password credentials to make this work]  
  
2. Instructions on how to use the project:  
  
2.1) Open your Putty client and enter the following in host name mercury.swin.edu.au  
  
2.2) After that, open your WinSCP app, click on the New Tab on the top right of your WinSCP screen.  
- Select New Site, enter the host name again as mercury.swin.edu.au.  
- Enter your Username (ex: 12345678@swin.edu.au) and the valid password related to it, and click on Login.  
  
3. Create a directory:  
- Name the directory ProjectOne and paste the given files (register.php, login.php, booking.php, admin.php) into it.  
  
4. Register:  
- Enter the following in your web browser: https://mercury.swin.edu.au/cos80021/s104168546/Project1/register.php  
- You will be redirected to the registration page and must fill in all fields to register.   
- If you are already registered, use the "login here" hyperlink.  
- Note: It is important to enter all fields. Data with the same email cannot be registered.  
  
5. Login:  
- You will be moved automatically to the login page. If not, enter the following in the web browser: https://mercury.swin.edu.au/cos80021/s104168546/Project1/login.php  
- Enter the correct email and password used during registration.  
- If you haven't registered yet, use the "New member?" hyperlink.  
  
6. Booking:  
- You will be moved automatically to the booking page. If not, enter the following in your web browser: https://mercury.swin.edu.au/cos80021/s104168546/Project1/booking.php  
- Fill in all the fields on this page except the reference number (optional). Ensure the booking time is at least 40 minutes later than the current time; otherwise, you cannot book the Taxi.  
- Use the logout button to move back to the login page.  
- After completing, you will receive an email confirmation with the selected time and date, along with a reference number.  
  
7. Admin:  
- Enter the following in your web browser: https://mercury.swin.edu.au/cos80021/s104168546/Project1/admin.php  
- Click the "List all" button to see all bookings where the pickup time is less than 3 hours away.  
- Note: You will be required to enter a password (set to root). Enter any other password, and you will be prompted to enter the password again.  
- As an admin, assign bookings (default set as unassigned) by entering the reference number and clicking the "Assign Taxi" button.  
  
Note: In the URL, s104168546 is the given ID. Use your User ID used while connecting through WinSCP.