Delivergate Pvt Ltd - Local Deployment Guide

This application is designed to run locally, with dependencies managed through pip, and requires both Apache and MySQL services. Follow the instructions below to set up and run the application on your machine.

Prerequisites

- XAMPP for Apache and MySQL services.

- Python (preferably version 3.6+).

- Required Python packages listed in requirements.txt.

Step 1: Database Setup with XAMPP

1. **Open XAMPP**:

   o Start both **Apache** and **MySQL** modules.

2. **Create the Database**:

   o Access phpMyAdmin.

   o Create a new database named delivergatedb:

     ▪ You can do this manually by selecting "New" and entering "delivergatedb" as the database name.

     ▪ Alternatively, run the following SQL command in the SQL query panel:

       CREATE DATABASE delivergatedb;

Step 2: Data Import

1. **Locate the Project Folder**:

   o Ensure the provided folder named **"Delivergate Pvt Ltd"** is saved on your desktop.

   o If saved in a different location, update the CSV file paths in xampp.py accordingly.

2. **Run Data Import Script**:

   o Open a terminal in the **Delivergate Pvt Ltd** folder:

     ▪ In Windows, you can open the terminal in the folder by typing cmd in the folder's address bar.

   o Run the following command:

     python xampp.py

   o If successful, you will see a message:

     Data has been imported into the MySQL database successfully

     o   Confirm the data import by refreshing the database in phpMyAdmin.

Step 3: Run the Flask Application

1. **Install Dependencies**:
- In the **Delivergate Pvt Ltd** folder, open a terminal and install required packages:

  pip install -r requirements.txt

2. **Run the Application**:
- After successful installation of dependencies, start the app by executing:

  python app.py

3. **Access the Application**:
- Once the server is running, open a web browser and navigate to:

  http://127.0.0.1:5000

- This will open the web application locally.

Troubleshooting

- Ensure XAMPP services (Apache and MySQL) are running.

- Verify the correct file paths for CSV files in xampp.py if you encounter data import issues.

- Ensure all required dependencies from requirements.txt are installed without errors.