How to Run VIP Reservation System

This project has two parts:

- **Frontend**: vip_reservation_system (React.js)

- **Backend**: vip_reservation_backend (Node.js + Express.js + MySQL + Sequelize)

We will run **WAMP Server** to manage the database.

Prerequisites

Make sure you have these installed first:

- **Node.js** – [Download here](#)

- **WAMP Server** – [Download here](#)

- **(Optional) VS Code** – [Download here](#)

1. Open the Project

Open the folder named VIP Reservation in Visual Studio Code (VS Code).

In VS Code, click on **File ➜ Open Folder ➜ Select the VIP Reservation folder**.

2. Start WAMP Server

- Open **WAMP Server** and start **Apache** and **MySQL** services.

- Open **phpMyAdmin** (usually at http://localhost/phpmyadmin/).

- Login (default username: root, no password).

- Create a **new database** named:

CREATE DATABASE vip_reservation_db;

No need to manually create tables — Sequelize will handle it when the backend starts.

3. Set Up the Backend (vip_reservation_backend)

In the terminal:

cd vip_reservation_backend

Install backend dependencies:

npm install

Create a .env file inside vip_reservation_backend/ with the following:

DB_HOST=localhost

DB_USER=root

DB_PASSWORD= (leave blank if you didn't set MySQL password)

DB_NAME=vip_reservation_db

DB_DIALECT=mysql

Start the backend server:

npm run dev

4. Set Up the Frontend (vip_reservation_system)

Open a **new terminal window**, then:

cd vip_reservation_system

Install frontend dependencies:

npm install

Start the React app:

npm run dev

Final Quick Overview

What	Folder	Command
Backend API	vip_reservation_backend	npm install ➜ npm run dev
Frontend App	vip_reservation_system	npm install ➜ npm run dev
Database	WAMP ➜ phpMyAdmin	Create vip_reservation_db database

- Keep **WAMP Server running** while using the project.