Here's a detailed set of instructions for your team to get the system up and running:

**Instructions for Setting Up the System**

**1. Download and Install Visual Studio Code (VSCode)**

* Go to the [VSCode download page](https://code.visualstudio.com/download).
* Download the appropriate installer for your operating system (Windows, macOS, or Linux).
* Run the installer and follow the on-screen instructions to install VSCode.

**2. Download and Install Node.js**

* Go to the Node.js download page.
* Download the LTS (Long Term Support) version for your operating system.
* Run the installer and follow the on-screen instructions to install Node.js and npm (Node Package Manager).

**3. Download All Project Files**

* Obtain the project files (motorph) from the designated source (e.g., repository, shared drive).
* Ensure you have all the necessary files and folders for the project.

**4. Open the Project in VSCode**

* Open VSCode.
* Go to File > Open Folder... and navigate to the folder containing the project files.
* Select the folder and click Open.

**5. Install Dependencies**

* Open the terminal in VSCode (View > Terminal).
* Run the following command to install all dependencies listed in the package.json file:

bash

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npm install

**6. Manually Install Specific Dependencies**

* In the terminal, run the following command to install the necessary packages:

npm install express nodemon cors csv-parser csv-writer dotenv mysql2 sequelize pdfkit fs path

**7. Ensure Dependencies are Listed Correctly in package.json**

* Make sure your package.json file includes the following dependencies:

json

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"dependencies": {

"cors": "^2.8.5",

"csv-parser": "^3.0.0",

"csv-writer": "^1.6.0",

"dotenv": "^16.4.5",

"express": "^4.19.2",

"fs": "^0.0.1-security",

"mysql2": "^3.10.1",

"path": "^0.12.7",

"pdfkit": "^0.15.0",

"sequelize": "^6.37.3"

},

"devDependencies": {

"nodemon": "^3.1.4"

}

**8. Import Database Schemas**

* Use MySQL Workbench or another MySQL client to import the aoop.sql and dpa.sql files into your MySQL database.

**9. Edit .env File**

* Create a .env file in the root of your project if it doesn't exist.
* Add the necessary environment variables to connect to your MySQL database. The .env file should look something like this:

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DB\_HOST=localhost

DB\_USER=root

DB\_PASSWORD=yourpassword

DB\_NAME=yourdatabase

* Replace localhost, root, yourpassword, and yourdatabase with your actual MySQL credentials and database name.

**10. Run the Program**

* In the terminal, run the following command to start the server with Nodemon:

nodemon server.js

* Nodemon will start the server and provide a link to open in your browser.