

ProFocus Installation Guide

Project Group 7

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System Requirements:

- Node.js v18 or above: <https://nodejs.org/en>
- MySQL 8.0 or above: <https://dev.mysql.com/downloads/mysql/>
- MySQL Workbench 8.0 or above: <https://dev.mysql.com/downloads/workbench/>
- Web browser: Edge, Chrome, Firefox, Safari

If you encounter issues running Node.js, you can see our **Node.js Installation and Configuration Guide** file from: [https://github.com/yhlly/Profocus-new/blob/main/Node.js%20Installation%20and%20Configuration%20Guide%20\(Windows\).pdf](https://github.com/yhlly/Profocus-new/blob/main/Node.js%20Installation%20and%20Configuration%20Guide%20(Windows).pdf) (for Windows users) and [https://github.com/yhlly/Profocus-new/blob/main/Node.js%20Installation%20and%20Configuration%20Guide%20\(MacOS\).pdf](https://github.com/yhlly/Profocus-new/blob/main/Node.js%20Installation%20and%20Configuration%20Guide%20(MacOS).pdf) (for MacOS users).

Installation Steps:

Step 1: Clone the Repository

1. Download the source code from: <https://github.com/yhlly/Profocus-new>
2. Click on 'Code' > 'Download ZIP'
3. Extract the ZIP file

Step 2: Install Dependencies

1. Open Command Prompt as administrator in the project directory and run: `npm install`

Step 3: Database Set Up

1. Create a MySQL database named “**profocus**”
2. Copy the file `.sql` and execute it in the MySQL Workbench manually

Step 4: Environment Variables Configuration

1. Edit the `.env` file with your database credentials:
`DB_USER=[your_mysql_username]`
`DB_PASSWORD=[your_mysql_password]`

Step 5: Start the Application

- Development mode (automatically restart when file changed): `npm run dev`
- Production mode: `npm start`

Then, the application will be available at: <http://localhost:5000> (or your configured port)

Problem Solving:

- **Database connection error:** Verify your credentials and ensure the MySQL service is running.
- **Port already in use:**

Edit the `.env` file to change the port number, and use the new port in your browser URL.

or

Users find the PID by executing the first statement and replace <PID> with the PID

Windows:

```
netstat -ano | findstr :5000
taskkill /PID <PID> /F
```

MacOS:

```
lsof -i :5000
kill -9 <PID>
```