**TDR Limited Attendance Management System**

**Setup Guide (ZIP-Based Installation for Supervisor)**

This guide provides step-by-step instructions for setting up and running the TDR Limited Attendance Management System from a ZIP file. It is designed specifically for supervisors or reviewers evaluating the system locally.

**1. Prerequisites**

Please ensure the following are installed:

* **Python 3.8 or newer**  
  [Download Python](https://www.python.org/downloads/) and enable "Add Python to PATH" during installation
* **MySQL Server or MySQL Workbench**  
  [Download MySQL](https://dev.mysql.com/downloads/mysql/)
* **(Optional)** Visual Studio Code or a code editor  
  [Download VS Code](https://code.visualstudio.com/)

**2. Extract the ZIP Project**

1. Locate the provided ZIP file (e.g., TDR\_Limited.zip)
2. Right-click → **Extract All...**
3. Choose a destination folder, e.g., C:\TDRSystem

**3. Set Up Python Virtual Environment**

1. Open **Command Prompt** or **Terminal**
2. Navigate to the extracted folder:
3. cd C:\TDRSystem
4. Create and activate the virtual environment:
5. python -m venv venv
6. .\venv\Scripts\activate # For Windows
7. # OR
8. source venv/bin/activate # For macOS/Linux

**4. Install Required Packages**

Install all dependencies:

pip install -r requirements.txt

If the file is missing:

pip install flask flask-sqlalchemy flask-login flask-migrate flask-mail flask-wtf flask-apscheduler pymysql python-dotenv

**5. Login Credentials**

No new users need to be created. You can use the following credentials to log in:

**Admin Login:**

* **Email:** Givemeacess@example.com
* **Password:** admin12345

**Instructor Login:**

* **Email:** instructor1@tdr.com
* **Password:** John1234

**6. Run the Application**

In the terminal (with (venv) active):

python run.py

Then visit:

http://localhost:5000

Log in using the credentials above.

**Troubleshooting**

**Cannot connect to MySQL?**

* Ensure MySQL is running
* Check your .env file credentials

**Missing packages?**

pip install <missing\_package>

**Port 5000 already in use?**

python run.py --port=5001

**Error applying migrations?**

* You can ignore migration setup steps unless directed otherwise
* Inform developer.