**Instructions for Running the Application**

**1. Install Docker**

If Docker is not installed on your system, follow the link below to install it:  
[Docker Desktop Installation for Windows](https://docs.docker.com/desktop/setup/install/windows-install/)

Once installed, open the Docker Desktop app and ensure the Docker engine is running.

**2. Download the Source Code**

* Clone or download the source code from the following repository:  
  [Source Code - UserRegistration](https://github.com/YukeshM/UserRegistration)
* Extract the project files.

**3. Run the Docker Services**

* Open the command prompt and navigate to the directory containing the docker-compose.yaml file from the extracted source code.
* Run the following commands in the terminal:

**Pull Docker Images**:

docker-compose pull

**Start the Containers**:

docker-compose up

**4. Configure SQL Server**

* Open SQL Server Management Studio (SSMS).
* Use the following credentials to connect:
  + **Server**: localhost,1433
  + **Login**: sa
  + **Password**: Yukesh@410
* Execute the schema.sql script provided in the project to create the database schema.

**5. Test the APIs**

After the services are running and the database is configured, use Postman or any API testing tool to test the services:

**Database Service API**:

* URL: http://localhost:8089/api/user/TestApi
* Expected Response: Database service API request success

**User Registration Service API**:

* URL: http://localhost:8090/api/user/TestApi
* Expected Response: User registration service API request success

If you don’t get the expected responses, ensure Docker is running correctly, or contact me for assistance.

**6. Run the Angular App**

To start the Angular frontend application:

1. Navigate to the Angular project directory:  
   Example Path: D:\UserRegistration-main\UserRegistration-main\Web\UserRegistration
2. Open the directory in Visual Studio Code (VS Code).
3. In the terminal, ensure Node.js is installed on your system. Then, execute the following commands:

**Install Dependencies**:

npm install

**Start the Application**:

npm start

1. Open your browser and visit:  
   <http://localhost:4200/>

**7. Application Features**

* You can register and log in using the Angular app.
* All newly created users will have a "User" role by default.
* Only the admin can view the list of users on the homepage.
* Visit sql for the save records.

**Admin Credentials** (created via the database script):

* **Email**: Admin@gmail.com
* **Password**: Admin@123!