

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](#)

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](#)
 - Extract the project files.
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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) or any SQL client.
 - Use the following credentials to connect:
 - **Server:** localhost,1433
 - **User:** sa
 - **Password:** Yukesh@410
 - Execute the schema.sql script provided in the project to create the database schema.
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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
```

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

Admin Credentials (created via the database script):

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