

Installation Guide

Dependencies

- Windows 10 or later
- Microsoft Visual Studio with .NET Desktop Development workload
- PostgreSQL (v13 or later recommended)
- pgAdmin or another SQL client

Installation

1. Clone the repo.
2. git clone <https://github.com/sebgui30/capstone-II-spring.git>
cd capstone-II-spring
3. Set up the database (See **Database Setup** below).
4. Configure the connection string.
5. Restore dependencies (NuGet packages).

Database Setup

1. Open pgAdmin and create a database named: onboarding_portal.
2. Create the following tables:
 - employees
 - onboarding_requests
 - users
 - roles
 - onboarding_request_statuses
 - it_tasks
 - it_task_statuses
3. Ensure all tables exist under the onboarding schema.

Note: SQL scripts are not included in the repository. You may need to manually create the schema or request scripts from a team member.

Configure Database Connection

Update the connection string:

Host=localhost;Port=5432;Username=postgres;Password=YOUR_PASSWORD;Database=onboarding_portal

Steps:

- Replace YOUR_PASSWORD.
- Make sure PostgreSQL is running on localhost:5432

Note:

- The connection string is hardcoded in multiple files.
- In Visual Studio: Ctrl + Shift + F → search connStr or connectionString → replace all.

Run with Visual Studio

1. Open the solution file: OnboardingAPI.sln
2. Restore or install NuGet packages if prompted (Npgsql version 6.0.8).
3. Set the main WinForms project as Startup Project.
4. Build the solution: Ctrl + Shift + B (Pre-run error check).
5. Click Start to run the application.