

Gym Management System-local setup Guide

This document explains how to run the Gym Management System project locally using Visual Studio 2022.

Prerequisites

- Windows OS
 - Visual Studio 2022
 - .NET SDK (installed automatically with Visual Studio workloads)
 - Internet connection (for restoring NuGet packages)
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Step 1: Open the Project

1. Unzip the project folder.
 2. Open the extracted folder.
 3. Double-click `GrindhouseGym.sln`.
 4. The solution will open in Visual Studio 2022.
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Step 2: Restore Packages & Build

1. In Visual Studio, go to the top menu.
2. Click: Build → Rebuild Solution.

This action will:

- Restore all required NuGet packages
- Compile the entire project

Note: The project was shared without package files, so rebuilding is required.

Step 3: Database Setup (Automatic)

- The application uses **SQL Server LocalDB**.
- No manual database creation is required.

On first run:

- The following code executes automatically: `_context.Database.EnsureCreated()`
- A fresh local SQL database is created.
- The database will be empty initially.

Step 4: Launch the Application

1. press control+F5 to run the project
 2. The application will build and start.
 3. Your default browser will open automatically.
 4. You will see the Landing Page.
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Step 5: First-Time Admin Setup (Required)

Since the database is new, no admin user exists.

1. In the browser, click login, then below click Register.
 2. Create a new admin account. Example: Email: admin@gymos.com
 3. Log in using the newly created account.
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Step 6: Initial Data Setup

After logging in as Admin:

1. Go to **Plans**
 2. Create a plan named "Gold"
 3. Go to **Members**
 4. Start adding gym members
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You are now ready to use Gym Management System.