Travelogram Build and Installation Guide

Name: Sindhuja Sane

Email ID: [sane@umd.edu](mailto:sane@umd.edu)

Directory ID: sane

UID: 119384268

This guide provides instructions for building and installing the Travelogram application, which uses .NET 7, from the source code hosted on GitLab, focusing on the Phase5 directory. The guide includes steps for both Windows (using Git Bash) and macOS users.

**Prerequisites**

Ensure the following are installed:

* Git: For cloning the repository on both Windows and macOS.
* .NET 7 SDK: Ensure that the .NET 7 SDK is installed on your machine. You can download it from the .NET official website.
* Visual Studio 2022: For Windows users, with support for .NET 7.
* Appropriate IDE for macOS: Such as Visual Studio 2022 for Mac or a preferred editor that supports .NET 7.

**Step 1: Retrieve the Source Code**

**For Windows Users (Using Git Bash):**

* Open Git Bash: Accessible from the Start menu, or by right-clicking in a folder and selecting "Git Bash Here".
* Clone the Repository: Run git clone [GitLab Repository URL], replacing [GitLab Repository URL] with the URL of the **ENPM809Wfall2023Project Sane** repository on GitLab - **https://code.umd.edu/sane/ENPM809WFall2023Project-sane.git.**
* Navigate to the Cloned Directory

**For macOS Users:**

* Open Terminal: Located in the Applications > Utilities folder.
* Clone the Repository: Execute git clone [GitLab Repository URL], replacing [GitLab Repository URL] with the URL of the **ENPM809Wfall2023Project Sane** repository on GitLab - **https://code.umd.edu/sane/ENPM809WFall2023Project-sane.git.**
* Navigate to the Cloned Directory.

**Step 2: Open the Application**

**For Windows Users:**

* Start Visual Studio 2022.
* Open Project/Solution:
* Go to File > Open > Project/Solution.
* Locate and select the Travelogram solution file (.sln).

**For macOS Users:**

* Start Visual Studio 2022.
* Open Project/Solution:
* Go to File > Open > Project/Solution.
* Locate and select the Travelogram solution file (.sln).

**Step 3: Verify .NET 7 SDK**

Check the .NET Version: In the terminal (macOS) or command prompt/Git Bash (Windows), run dotnet --version to ensure .NET 7 SDK is correctly installed.

**Step 4: Run the Application**

**For Windows Users:**

Build and Run in Visual Studio: Use the Start or Run button in Visual Studio.

**For macOS Users:**

Build and Run in Visual Studio: Use the Start or Run button in Visual Studio.

Resolve any dependencies or configuration specifics.

**Additional Notes:**

Troubleshooting: Check for error messages related to .NET 7 in your IDE or terminal.

Version Compatibility: Make sure your development environment is compatible with .NET 7.