TailorFit: Customized Fitness Plans

Refer to our video-demo for detailed explanation on how to run our project

Instructions for running our Java Project:

Extract Folder

- Unzip the **TailorFit.zip** file and open it in an Eclipse Workspace.

Install dependencies

- cd to the project folder. FYI, it is a **Maven Project.**
- Make sure you are on the **main** branch.
- run **'mvn clean install.'**

src/main/java is where all the java code is present.

Starting the Server

- Launch the Server Program:
- **Run Server.java.** This initiates the server, which is designed to handle multiple clients due to its multithreaded nature.

Starting the Client(s)

- Open the Client Program:
- **Run UserDetailsGUI.java**. You can start **multiple instances** of this client program since the server supports multiple connections.

Connect to the Server:

- In the UserDetailsGUI interface, go to the **File** menu.
- Select **"Connect"** from the **dropdown menu** to establish a connection with the server. Do this for all instances of the client GUI.

Using the Client Program

Option 1: Generate New Recommendations

- Choose **"Generate New Recommendation"** in the user interface.
- Fill in all the required details in the provided fields.
- Click on the **"Submit"** button.
- Wait for **approximately two minutes** to receive the personalized fitness plan.
- You can go to **File -> Go back to initial screen**, if you want to generate a new recommendation or fetch a previous recommendation.

Option 2: Fetch Previous Recommendations

- This option is only available if you have previously generated a fitness plan using the app.
- Select **"Fetch Previous Recommendation"** in the user interface.
- Enter the **email ID** used for the earlier fitness recommendations.
- Click on **"Submit."**
- You will receive either the **fitness plan** or a message indicating that the **email was not found**.

Repeat Usage

- You can repeat these steps as desired to generate new recommendations or fetch previous ones.

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Control Flow of the Java Project

[Diagram URL](#)