

Student Weather Site Access Guide

Overview

Our student weather assistant is a web application developed in Python using the Flask microframework. It allows each student to check the weather at their places of residence, view interactive maps, and access certain group-based statistics.

This application is hosted online via the Replit platform, which makes the site accessible to any user with a web link.

Accessing the Online Site

To access the site, the user simply needs to go to the public URL automatically generated by Replit. Once the project is launched in the Replit environment (by clicking the “Run” button), a temporary URL is created, in the following format:

<https://wshhhh-1.julesminghi09.repl.co>

This is the link you should share with anyone who wants to access your site. They just need to copy and paste it into their browser’s address bar to reach the homepage of the application.

Logging into the Student Area

Once on the homepage, the user is prompted to enter a last name, first name, and password. These credentials must match a student registered in the database (automatically generated from a JSON file during initialization).

If it's a demonstration, you can provide test login credentials such as:

- Last Name: Madad
- First Name: Hamza
- Password: hamza123

Navigating the Site

Once logged in, the user can:

- View the current weather at two locations linked to their profile.
- See a map showing the geolocation and temperature of those places.
Browse student groups and access other profiles (if authorized).
- Display the average temperature for a group.

The interface is intuitive and optimized for a pleasant experience on both desktop and mobile devices.

Logging Out

A “Logout” button is always available in the top right corner. It allows users to securely end their session and return to the login page.