COMP3900 – Info Tech Project

P23 – Predicting the freshness and best before of foods using AI-based analysis of colour and shape change

Installation Guide

COMP3900H11ADigitalHaven

To install and use this system, please following the step below.

- To install and run the system for the first time, follow the command below:
    1. Install the docker environment on the local computer:
       https://www.docker.com/
    2. Download the zip file 'Completed Source-code.zip' from the folder, place it into the desired directory and unzip
    3. Navigate into the folder
    4. Navigate into the backend
    5. Fill in the environment variables in the .env file with the variables below.
        a. WEATHER_API='3557ceb5ce7bea3f69f0a02fa88342db'
        b. SECRET_KEY='THIS_IS_A_SECRET_KEY'
        c. EMAIL_API_KEY='iiga gdta wtxz hipc'
    6. Navigate back to the main directory.
    7. Run 'docker compose up --build' in the terminal.
    8. To load the frontend open 'localhost:3000' in the browser.

- If the system has been installed and ran previously, follow the command below:
    1. Navigate into the project main directory
    2. use 'docker compose up' to run the system