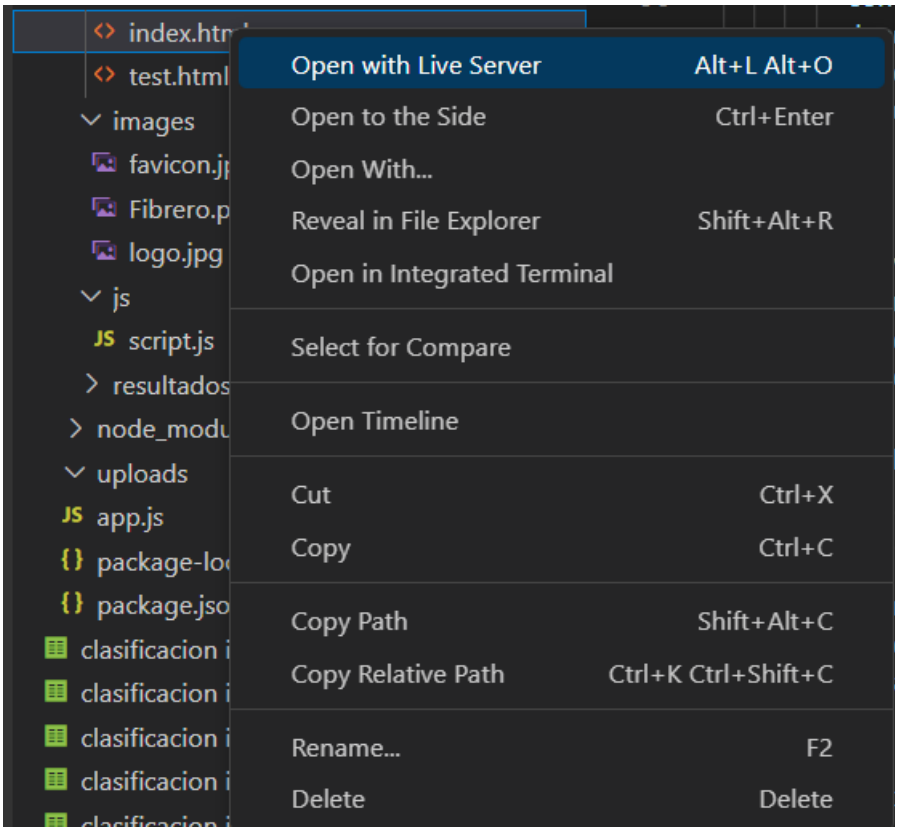
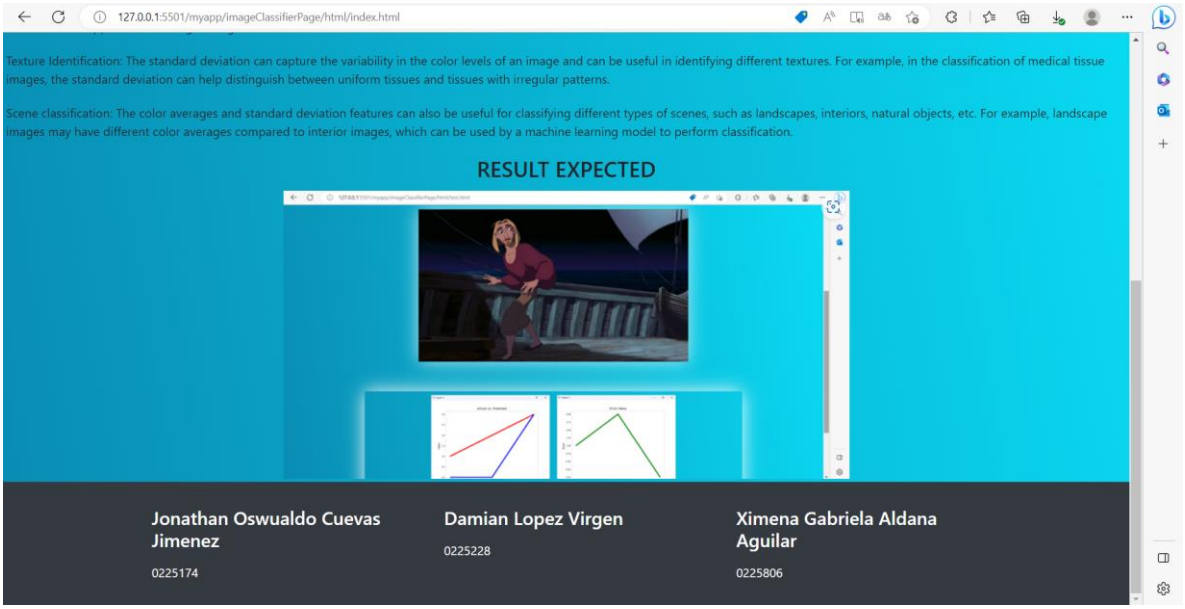
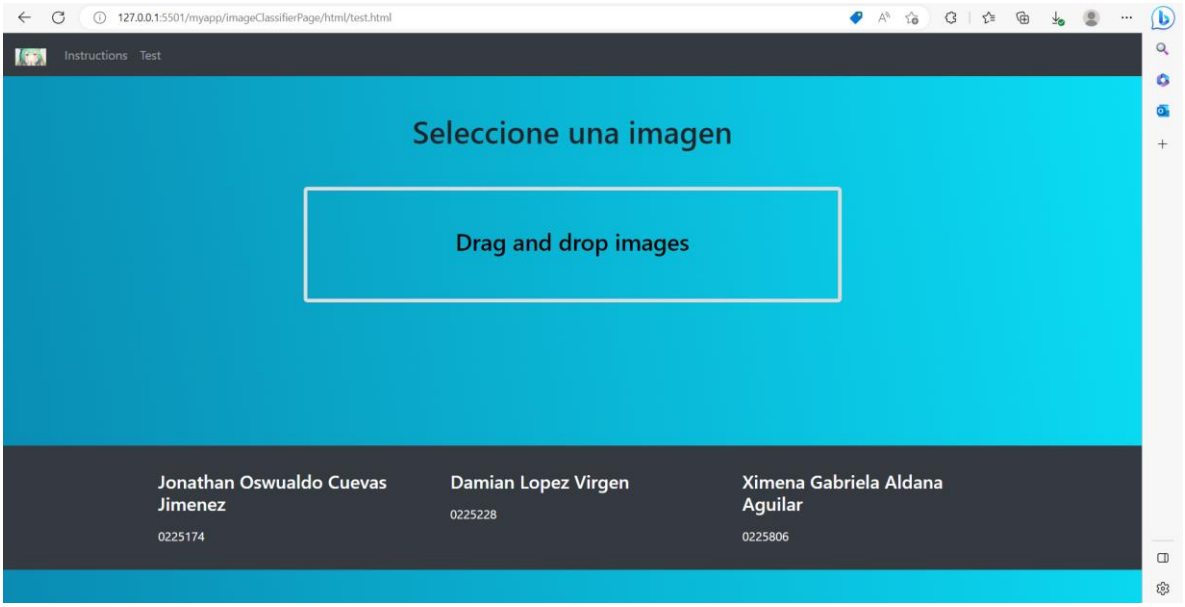
Our project is about to work fine, however due to the tight time frame we did not make the connections so that the server will return the information to the client, but a series of steps are presented below to test the functionality of the project, even if it is for separate but meets teacher requirements.

CLIENT:



Open a route for client server.


127.0.0.1:5501/myapp/imageClassifierPage/html/index.html
Texture Identification: The standard deviation can capture the variability in the color levels of an image and can be useful in identifying different textures. For example, in the classification of medical tissue images, the standard deviation can help distinguish between uniform tissues and tissues with irregular patterns.
Scene classification: The color averages and standard deviation features can also be useful for classifying different types of scenes, such as landscapes, interiors, natural objects, etc. For example, landscape images may have different color averages compared to interior images, which can be used by a machine learning model to perform classification.
RESULT EXPECTED
Jonathan Oswualdo Cuevas Jimenez
0225174
Damian Lopez Virgen
0225228
Ximena Gabriela Aldana Aguilar
0225806


127.0.0.1:5501/myapp/imageClassifierPage/html/test.html
Instructions
Test
Seleccione una imagen
Drag and drop images
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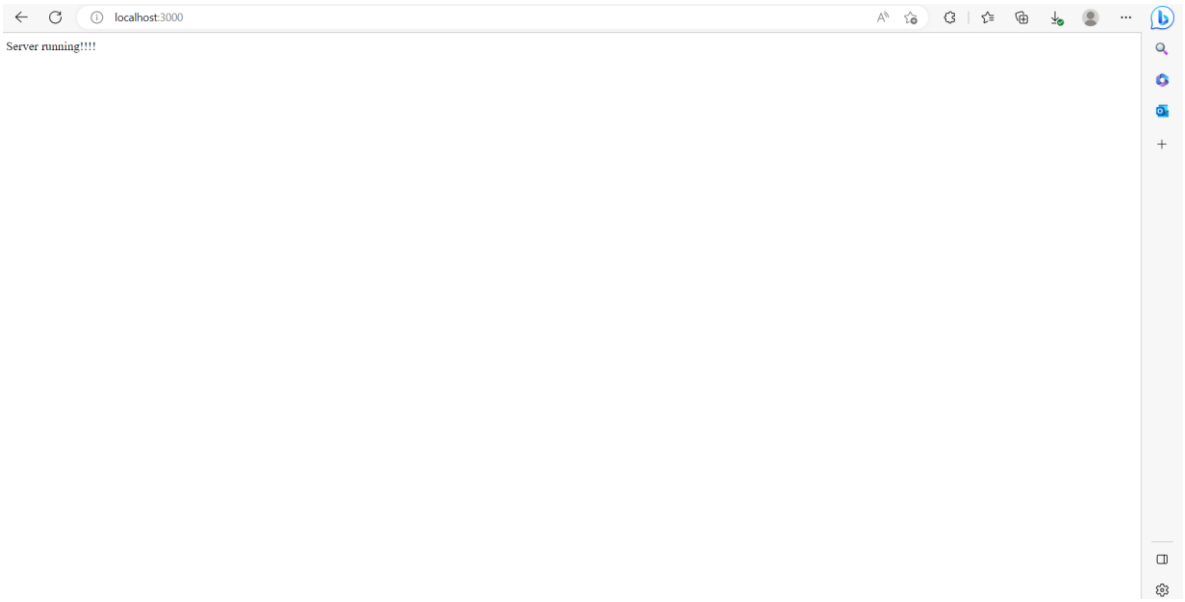
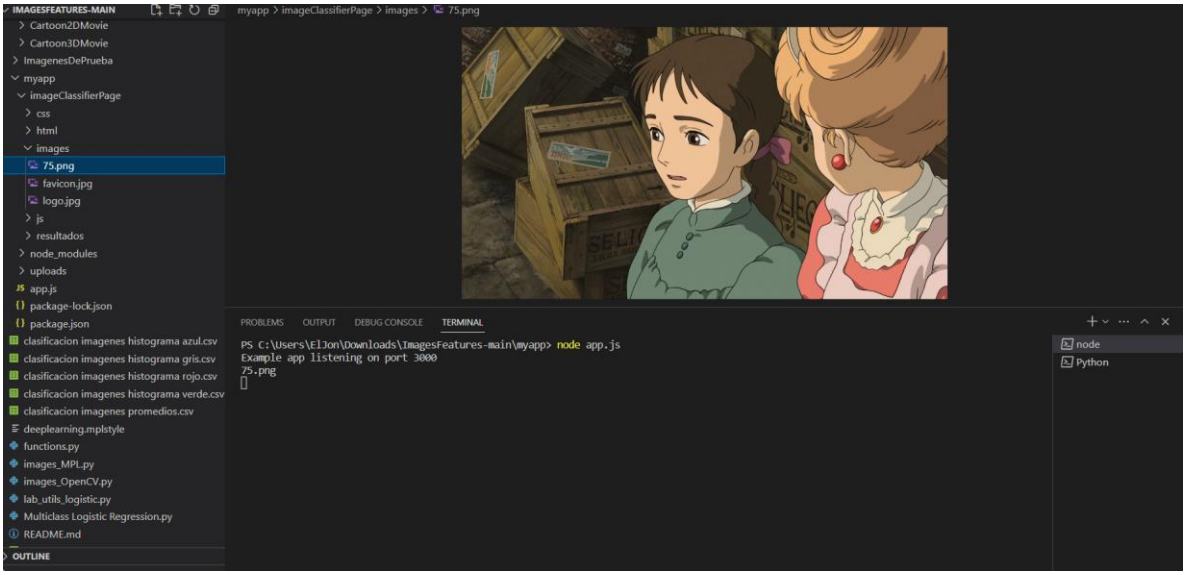
SERVER:

In terminal, cd myapp

Command in the terminal: node app.js



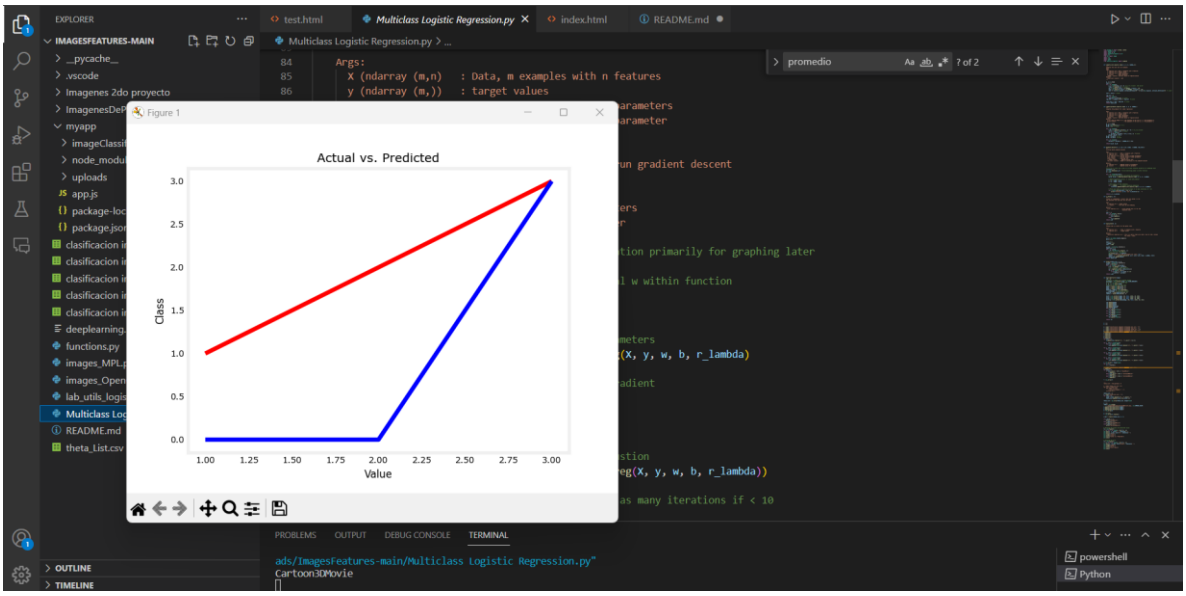
Receives the image from the client and saves it.



SERVER PYTHON

New terminal, and open Multiclass Logistic Regression.py Python file.

Run this file.

```
PS C:\Users\ElJon\Downloads\ImagesFeatures-main> & C:/Users/ElJon/AppData/Local/Programs/Python/Python39/python.exe "c:/Users/ElJon/Dow
ads/ImagesFeatures-main/Multiclass Logistic Regression.py"
Cartoon3DMovie
PS C:\Users\ElJon\Downloads\ImagesFeatures-main> & C:/Users/ElJon/AppData/Local/Programs/Python/Python39/python.exe "c:/Users/ElJon/Dow
ads/ImagesFeatures-main/Multiclass Logistic Regression.py"
Cartoon3DMovie                          & C:/Users/ElJon/AppData/Local/Programs/Python/Python39/python.exe "c:/Users/ElJon/Dow
```

The output is the classification of the imge selected in the file.