Fish Larva Object Detection Project

DSA4266

Group 2

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API documentation

The API was created using a package in python known as FastAPI. FastAPI provides an automatic interactive API documentation (provided by Swagger UI). The interactive API document can be retrieved by the following:

To deploy the backend API, change to the following directory:
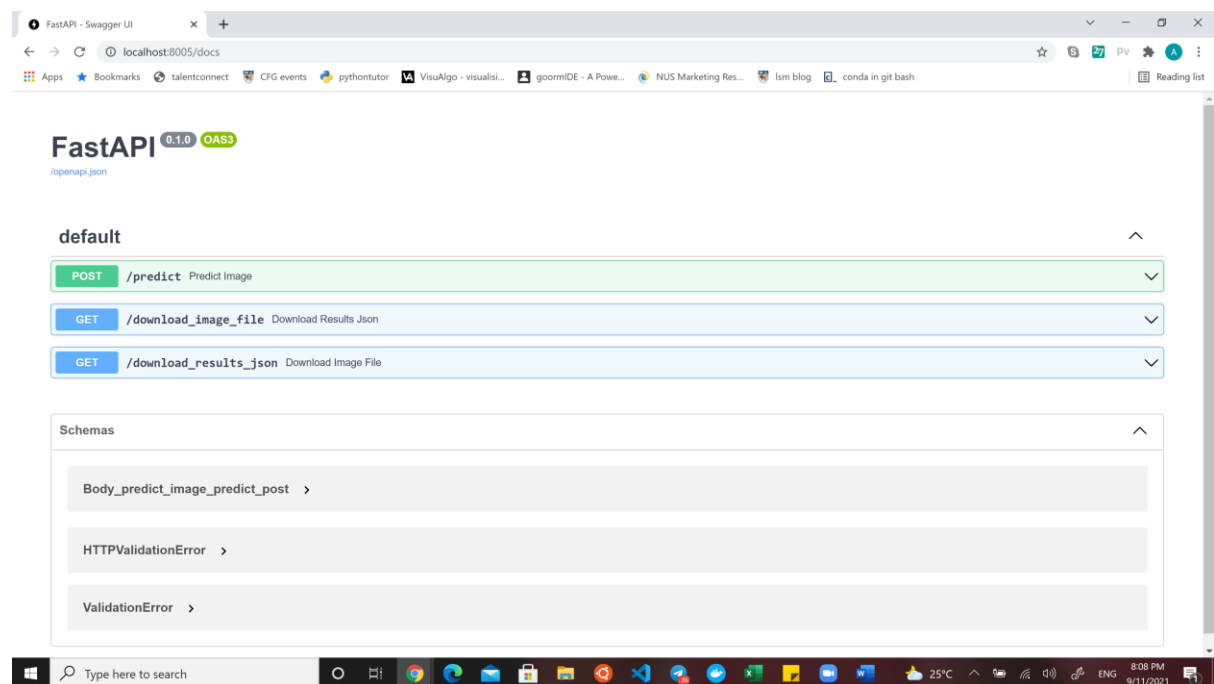```
cd src
cd api_ui
cd Backend
```

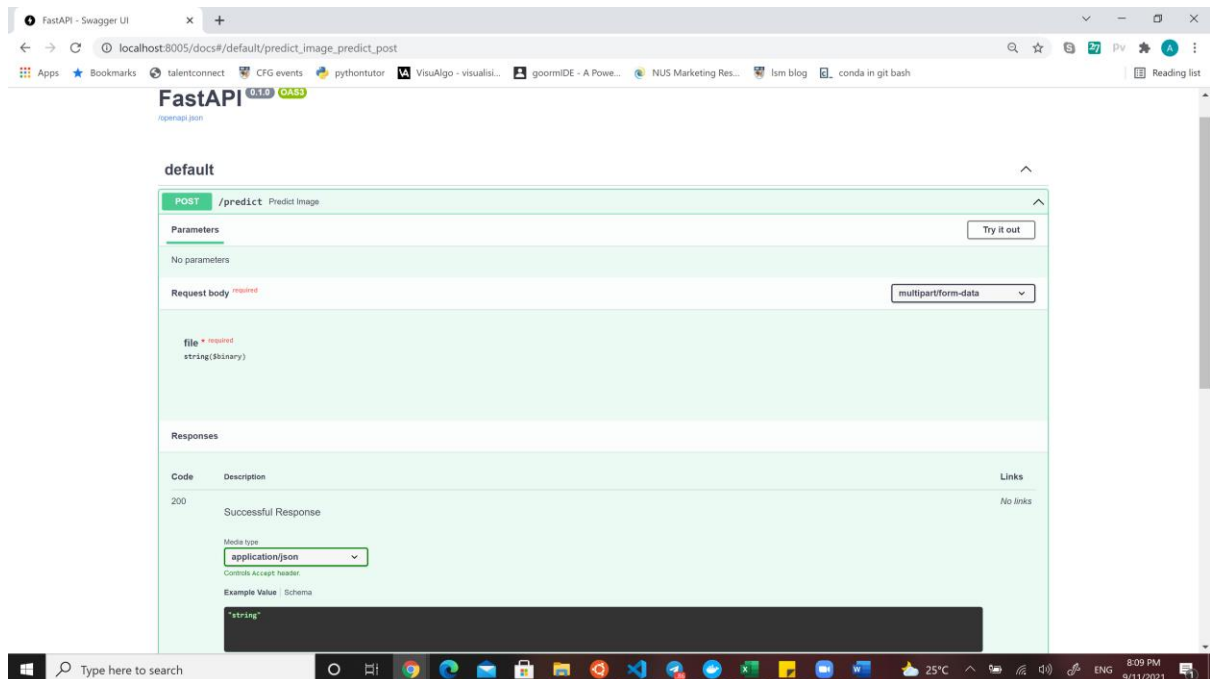Run the application:
```
python api.py
```

To view API documentation, visit this link in your browser:
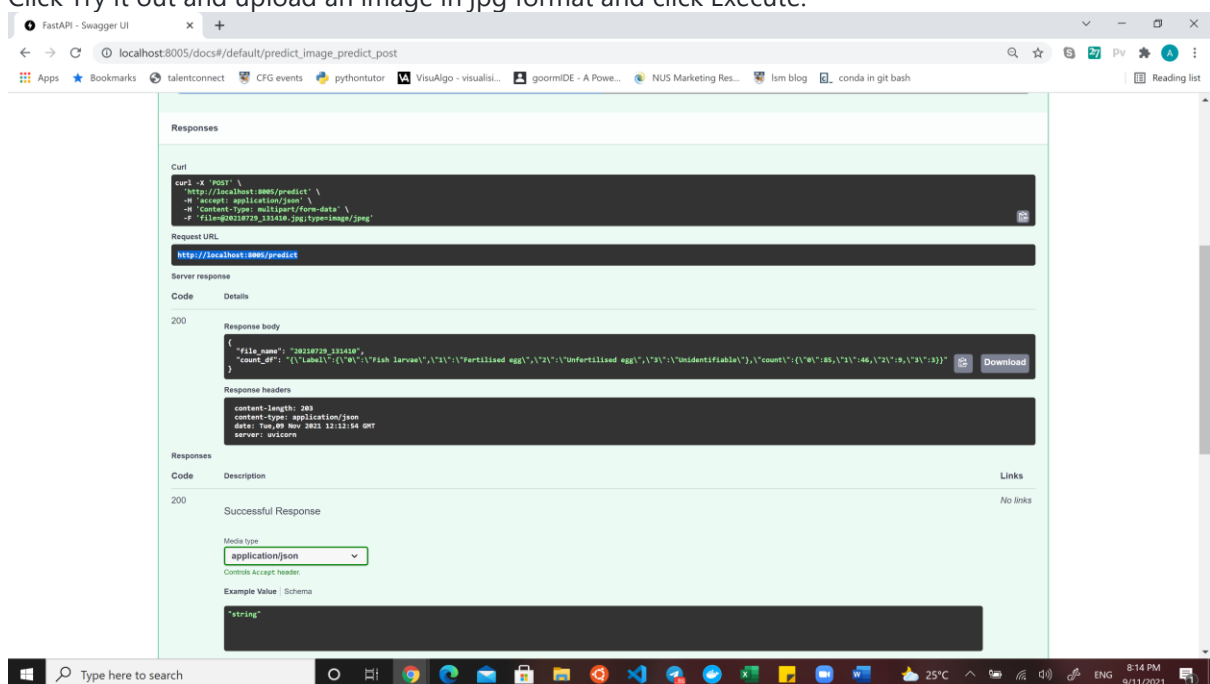http://localhost:8005/docs

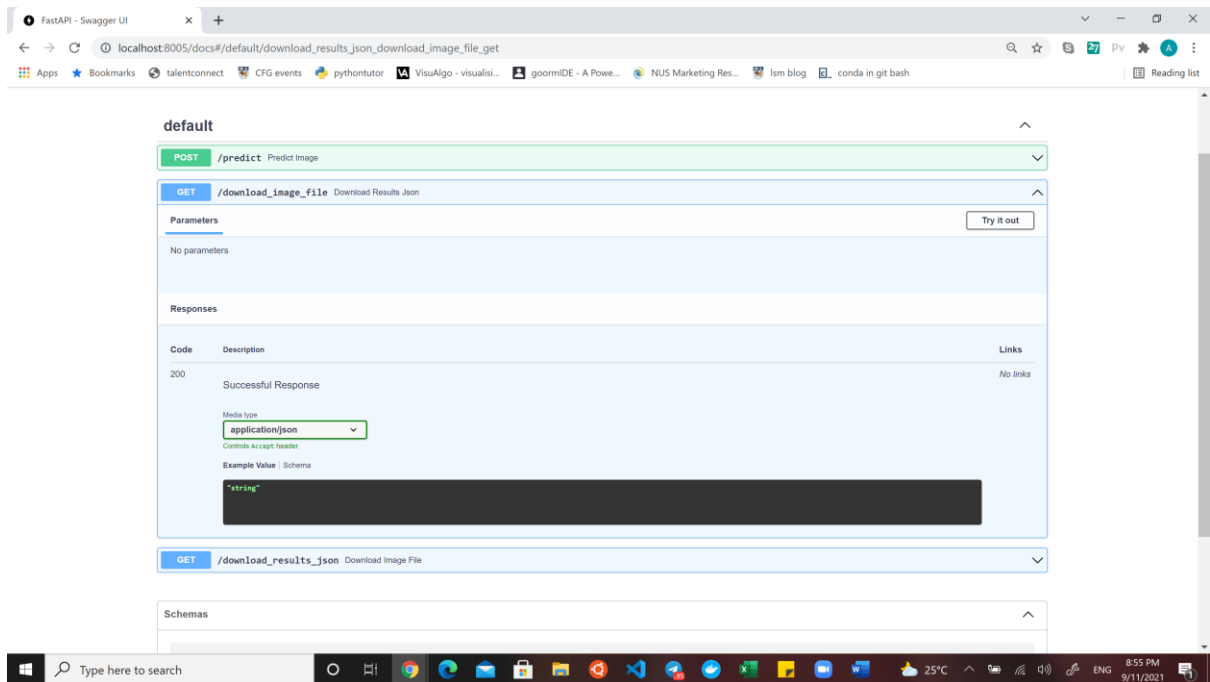The following are screenshots attached from the interactive UI
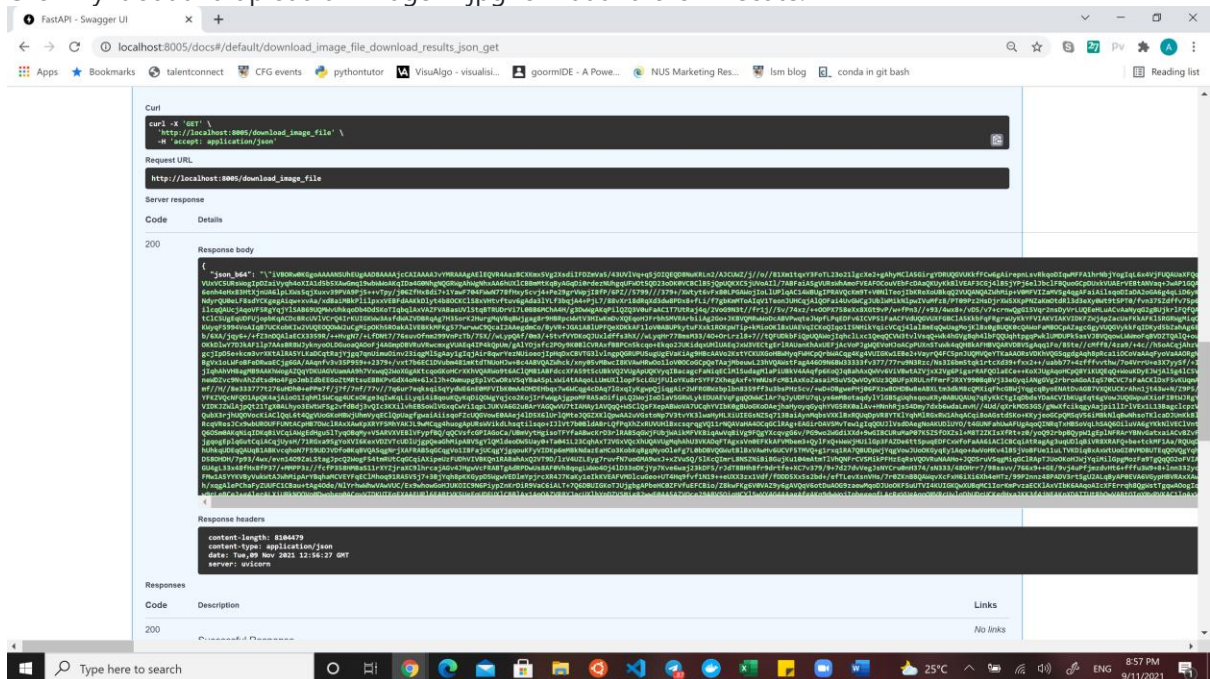
Click on the dropdown for /predict:



Click Try it out and upload an image in jpg format and click Execute:



Click on the dropdown for /download_image_file:

Click Try it out and upload an image in jpg format and click Execute:



Click on the dropdown for /download_results_json:

Click Try it out and input the filename and click Execute: