EECS 581/582 Final Project

Team 18

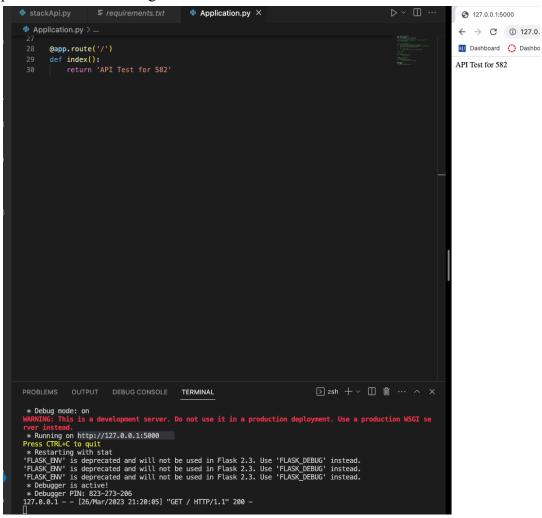
Date - March 26th, 2023

Sprint-11

ML integration part progress

60.5	Setup restAPI and flask	5	2	11
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Bikash was able to install restAPI dependencies needed and test it but is facing some problems with installing flask.



60.3	Create notebook on AWS Sagemaker instance to load the yolov5 model - having issues with loading the model (partially completed - picture in the artifact)	8	8	11
60.3.1	Write inference.py model (AWS)	8	8	11

 Rudro is working on loading up our YOLOv5 model on to sagemaker, as well as writing the inference.py

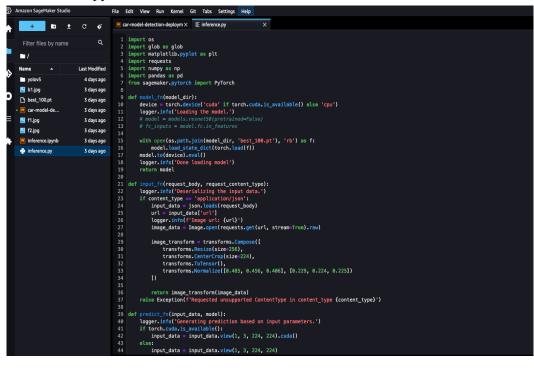


Fig: inference code script for the model

^{*} At the end, we will choose between AWS or flask depending on which one is more appropriate for our project and which one we are able to run smoothly with our code.

Fig: inference script continuation

62	Make a skeleton for project presentation	5	1	12
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Planned the structure of the slides. Couldn't fully make the slides due to the uncertainty about the integration. We anticipate this to be done by the mid of the week 3/27.

Req 63:

Below is the implementation of the final screen that shows the total count. Count is made up for now as we are working on the integration.



Req 49:

We are not doing it anymore. It is not useful