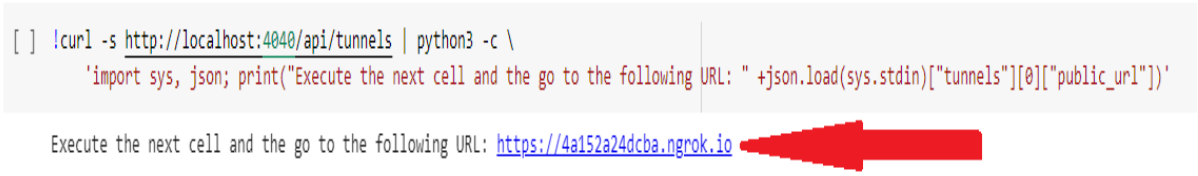
The notebook by the name **Ageing_Signs.ipynb** was used to train the model to classify and localize different signs of ageing on a person's face. This notebook trains and saves the model using python scripts (exporter_main_v2.py, generate_tfrecord.py, model_main_tf2.py) which are also attached in the same zipped folder.

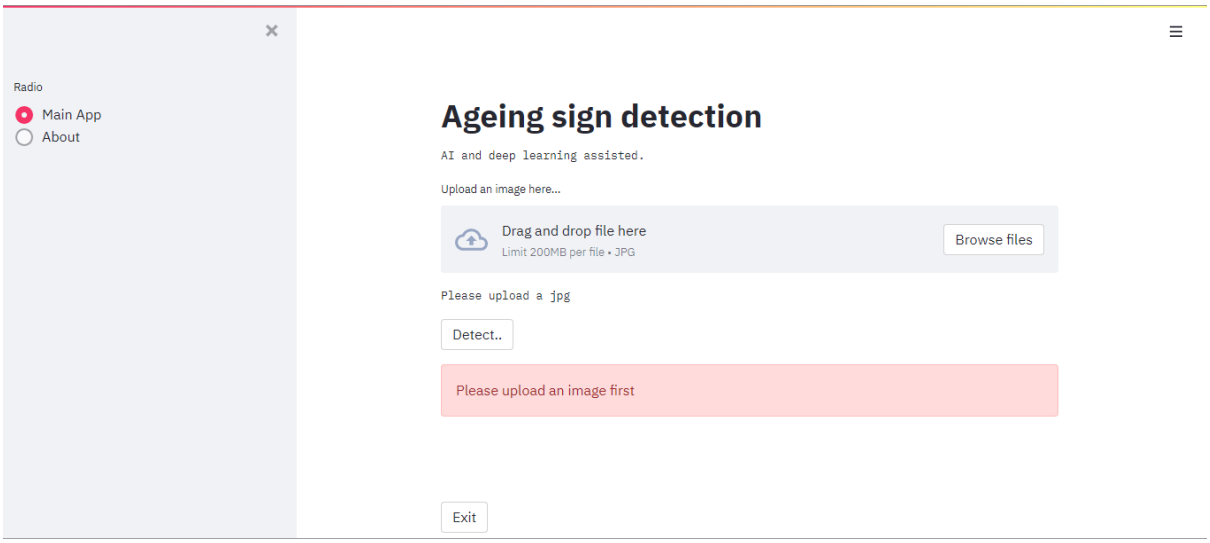
The trained model was saved to be reused in the folder **Trained_model**, available in the zipped folder as well.

How to use the web application?

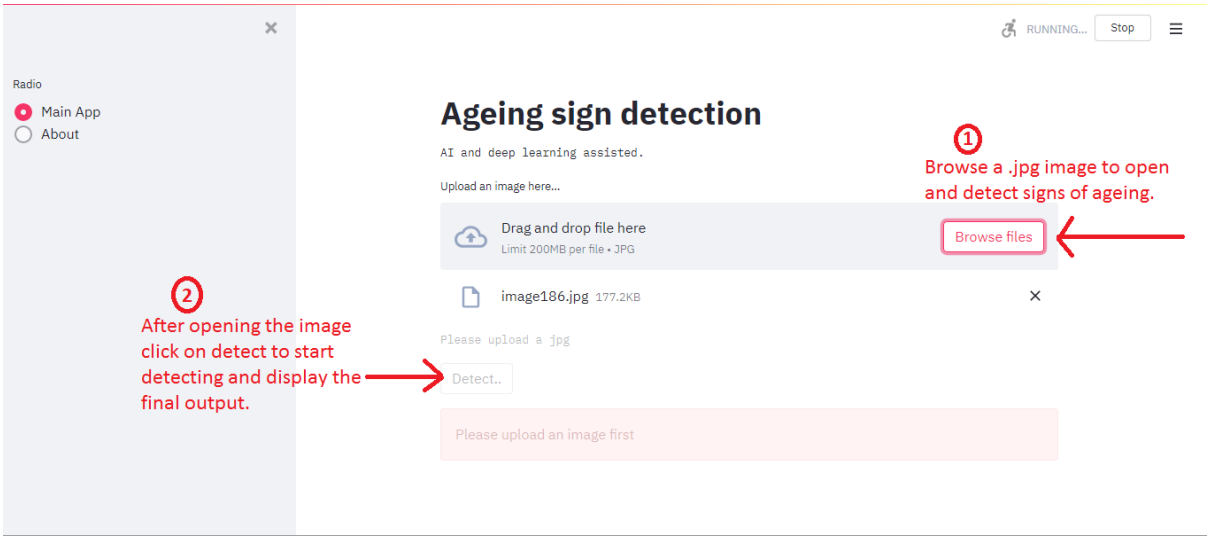
- Open the notebook by the name **Age_sign_detection_app.ipynb.**
- This notebook contains 4 executable cells
- First cell installs all the modules necessary and downloads the trained_model from google drive through a link and downloads the web application by the name **Jon.py**(also attached in the zipped folder) and other 3 cells deploy the web app and generates a URL to use the app.
- To use the web app run all the 4 cells and click on the link generated in the **3rd cell** after running all the cells. This will open the web app which we deployed.



- This is how the web app is supposed to look like after clicking on the link generated in the 3rd cell.



- Browse and detect.



- 4th cell will keep running while the app is being used and if the app is no longer needed to be used then the 4th cell must be stopped running.