Sprint 3 – A Gesture Based Tool for Sterile Browsing of Radiology Images

Team ID: PNT2022TMID53060

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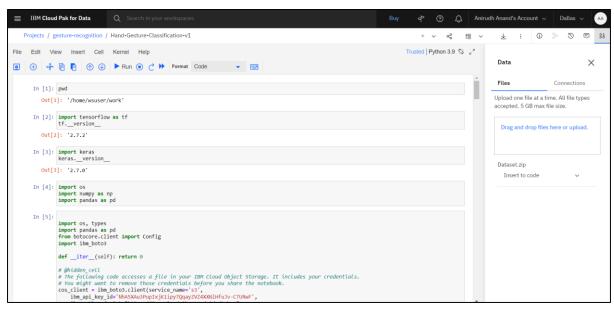
Code: Updated on GitHub in the Sprint-3 folder under Project Development Phase.

Description of USN and Screenshots:

USN-8:

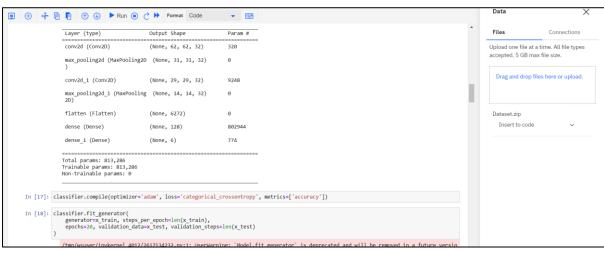
As a user, I need the deep learning model to be accessible worldwide.

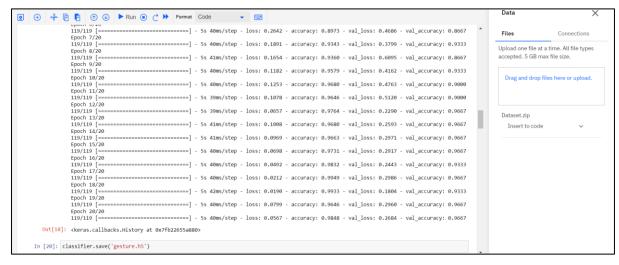
1. Model Training on Watson Studio



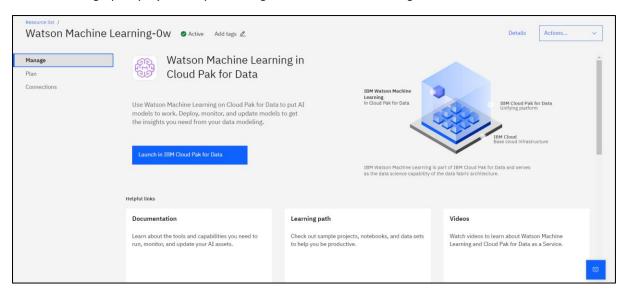


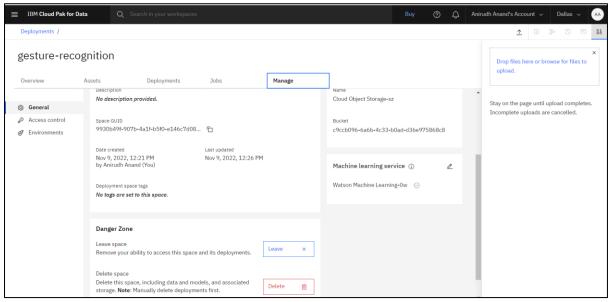






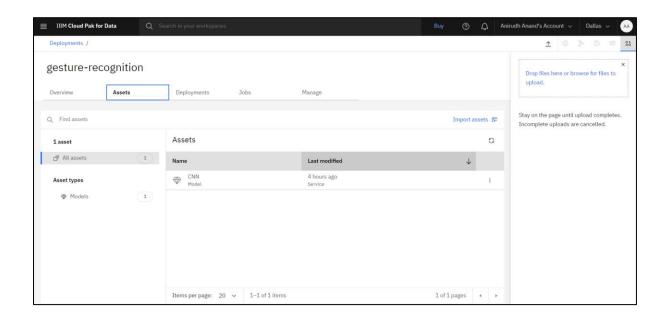
2. Setting up Deployment Space using IBM's Machine Learning Service











3. Downloading the model to a local system



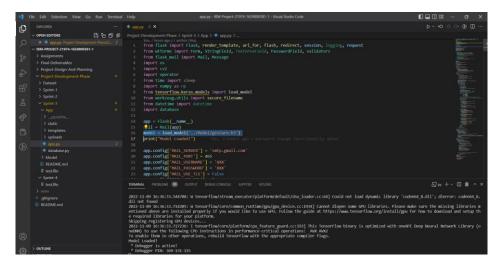




USN-9:

As a user, I need the application to be accessible. The application should be able to plug-in different models with minimal modifications.

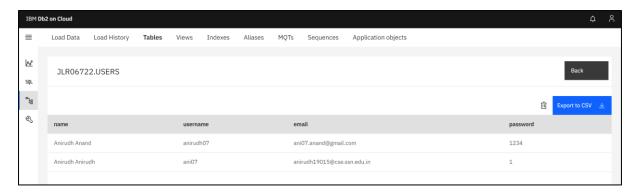
- The model trained on IBM Watson Studio is stored on the deployment space using IBM's Machine Learning Service.
- From here, the model can be downloaded (as a zip file) using the ibm_watson_machine_learning python package.
- The downloaded model can be extracted and loaded using Kera's load_model() function.



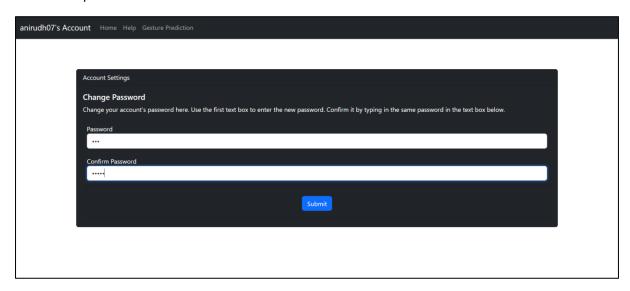
USN-10:

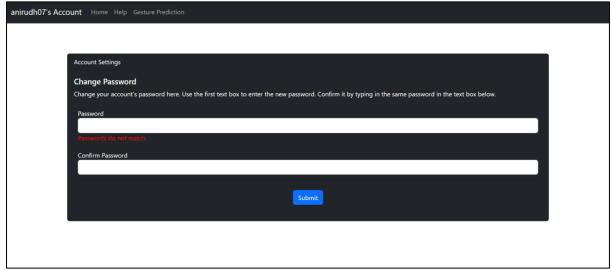
As a user, I should be able to access my dashboard to change my password.

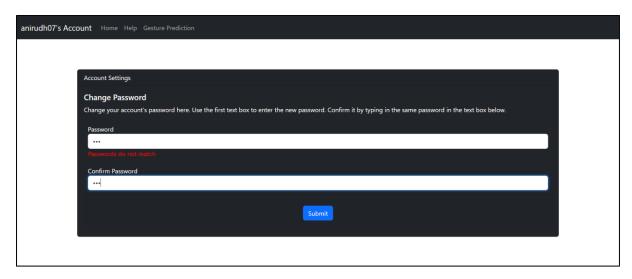
DB2 Database before password update

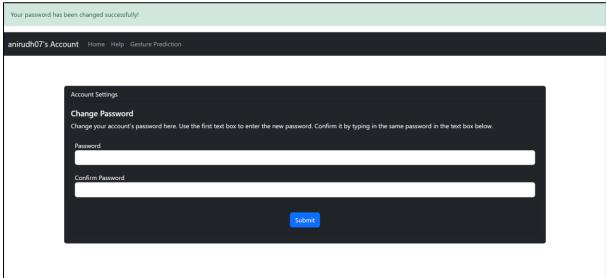


Password Update

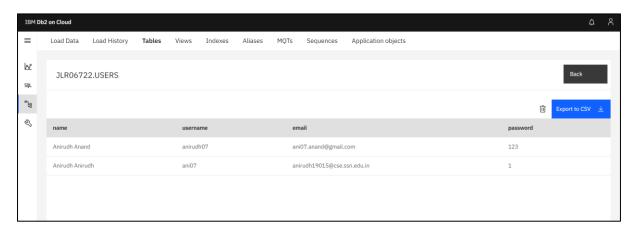








DB2 Database after password update



USN-11:

As a user, I should be alerted in case:

- The application can't access my webcam
 The image I took/uploaded is corrupted

