# TRAIN MODEL ON IBM

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| Date | 17 November 2022 |
| Team ID | PNT2022TMID41636 |
| Project Name | AI -Fertilizers Recommendation SystemFor Disease Prediction |

Once a Data Set has been prepared, it can be used to train your deep-learning Model. Once trained, the Models can be deployed for use. Trained Models can beaccessed from within an Inspection or directly from the **Models** tab.

Data Set preparation includes:

- Adding labels to images (to train Object Detection Models)

OR

- Adding categories to images (to train Classification Models).

Once this is completed, the **Train Model** option is selected to commence training onthe IBM Maximo Visual Inspection server.

## To Train a Model:

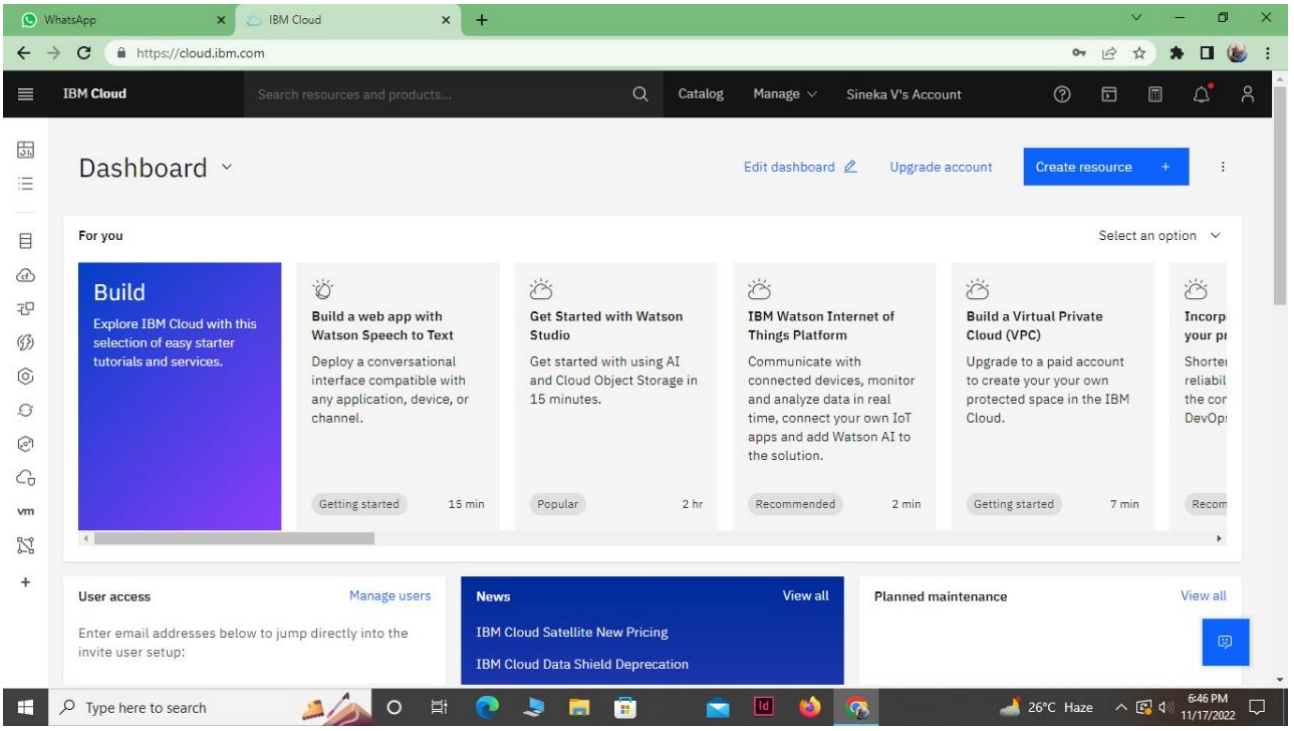
1. Specify a **Model Name**.
2. In the section **Train Model Using**, specify the appropriate **Model Type**, depending on whether you added labels (Object Detection) or categories (Classification) to the images. Even if an image has both labels and categories specified, it will train basedon the type selected in this field.

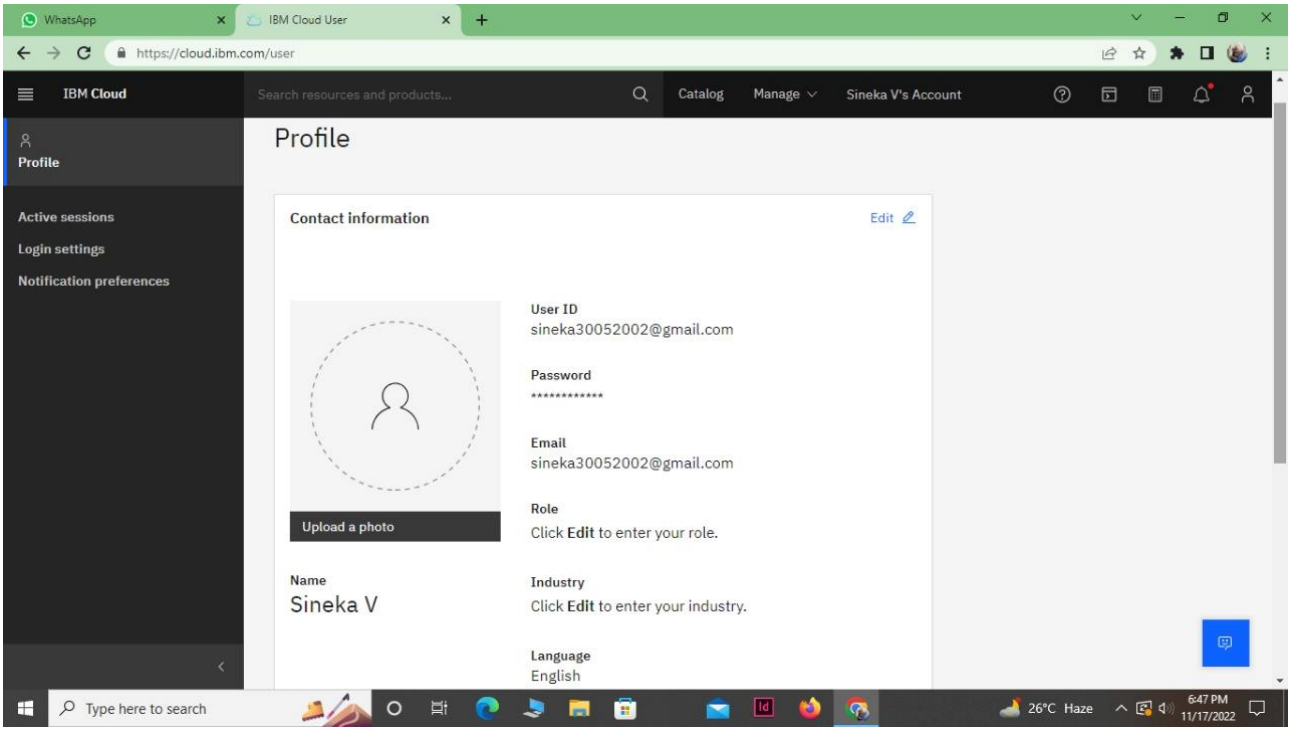
   If the selected Model Type supports CoreML (Image Classification with **GoogLeNet**, Object Detection with **Tiny Yolo v2** or **Yolo v3**) then the

trained Model will be available for download on the device for on-device inferencing.

3. Click on **Advanced Settings** to tweak the model training hyper-parameters, including the iteration count. The default value for all the parameters are pre-selected, based onthe Support CoreML model used.
4. Click **Done** after specifying all the parameters.

# TEAM LEADER-V.SINEKA

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Manage
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Profile
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Login settings
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Profile
Contact information
Edit
Upload a photo
User ID
sineka30052002@gmail.com
Password
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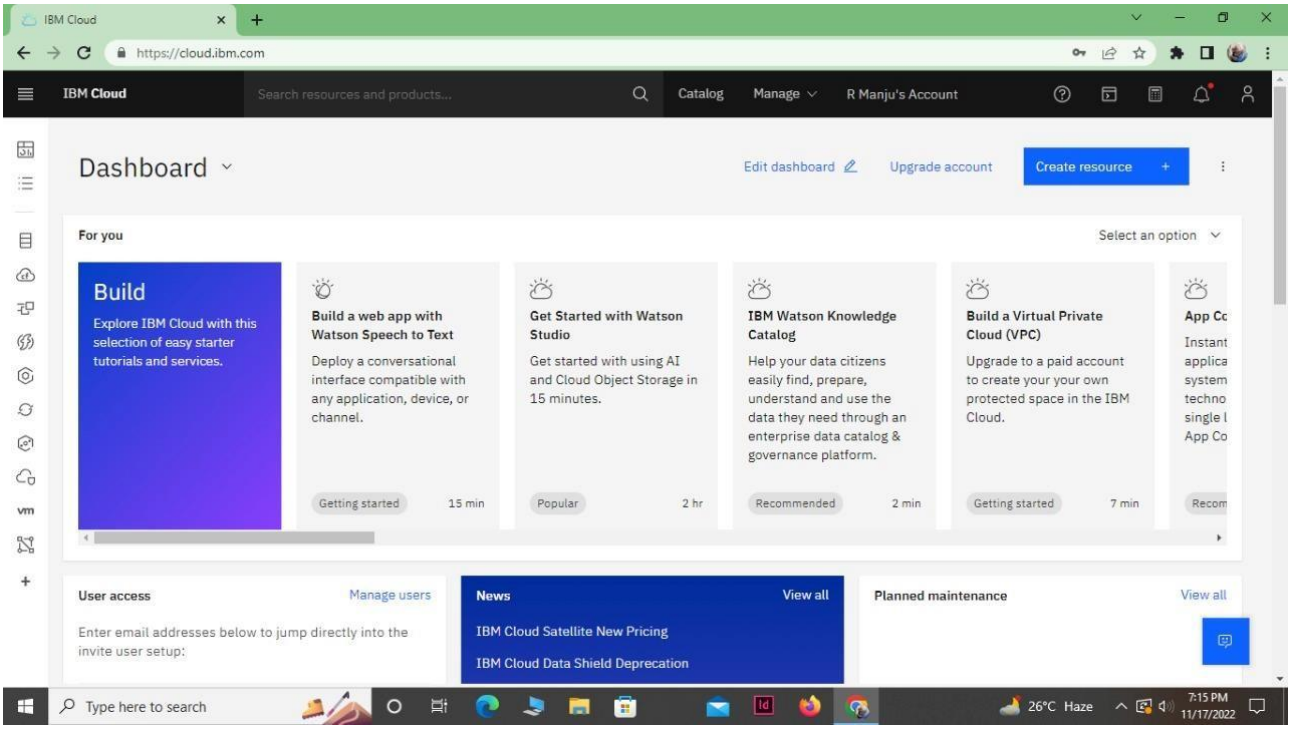
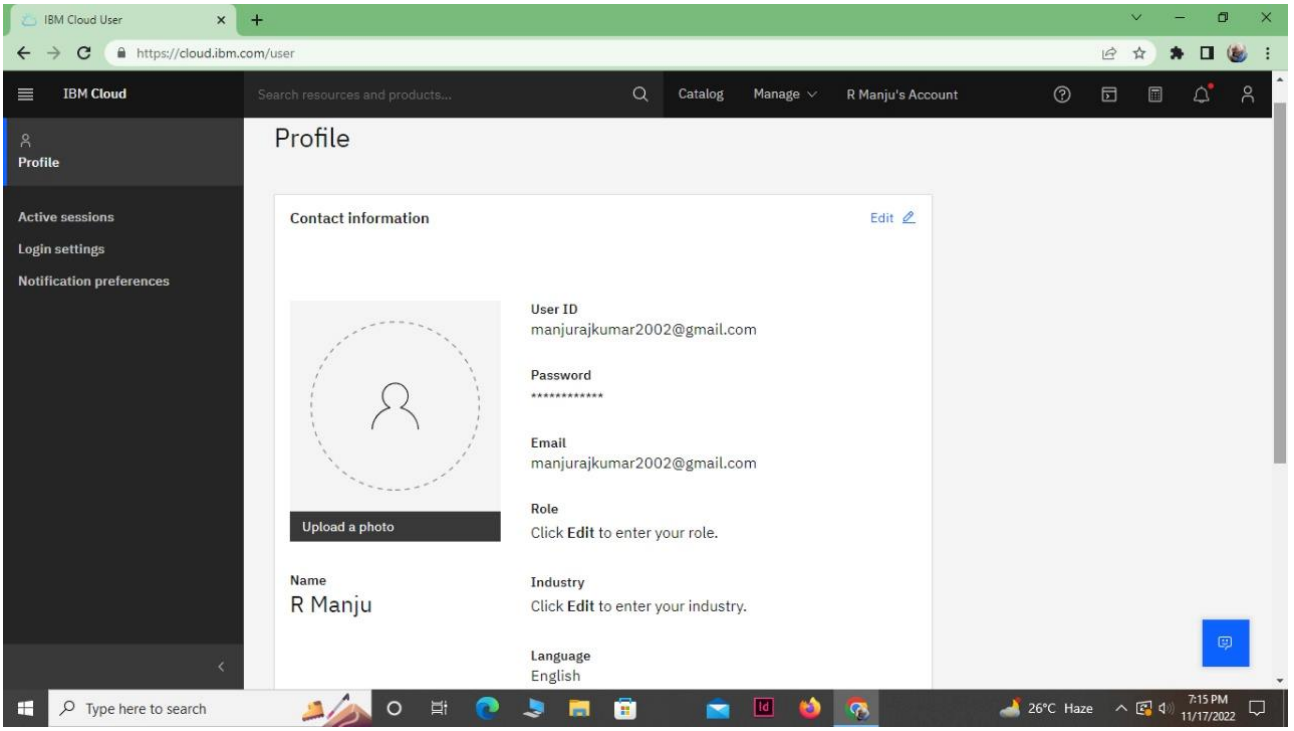
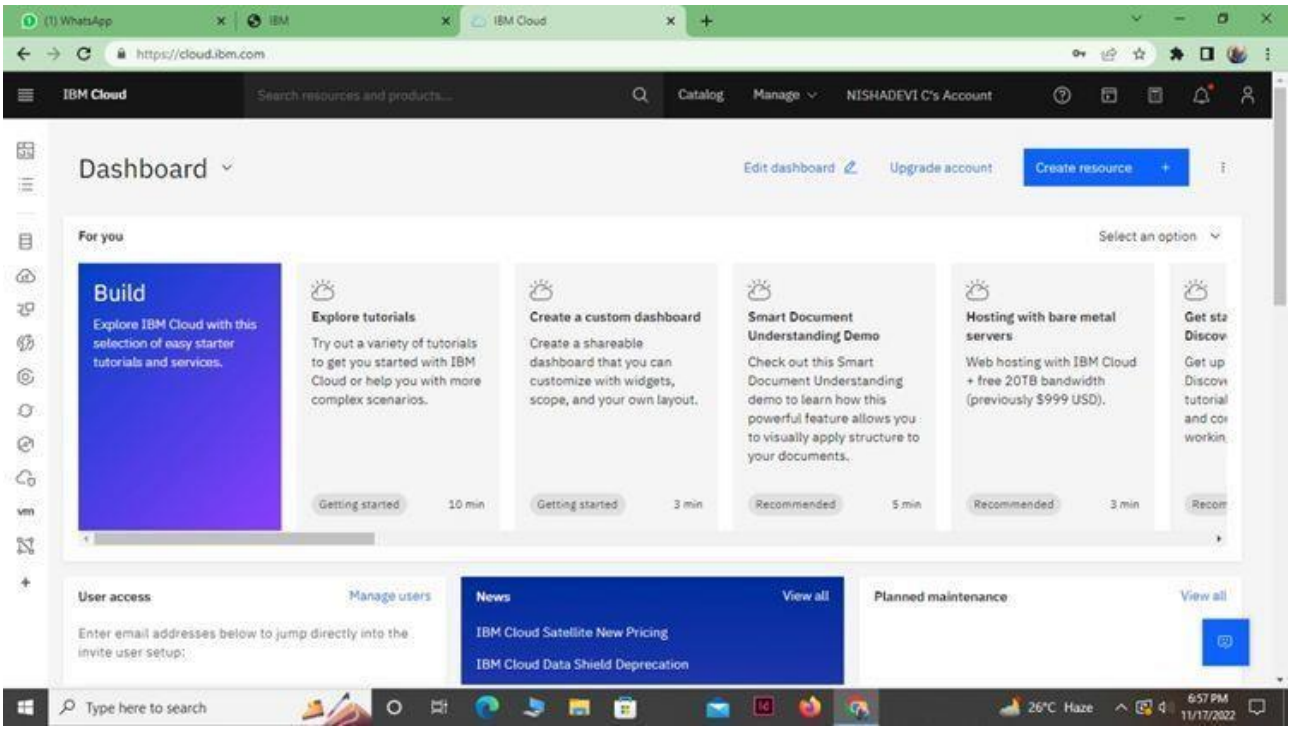
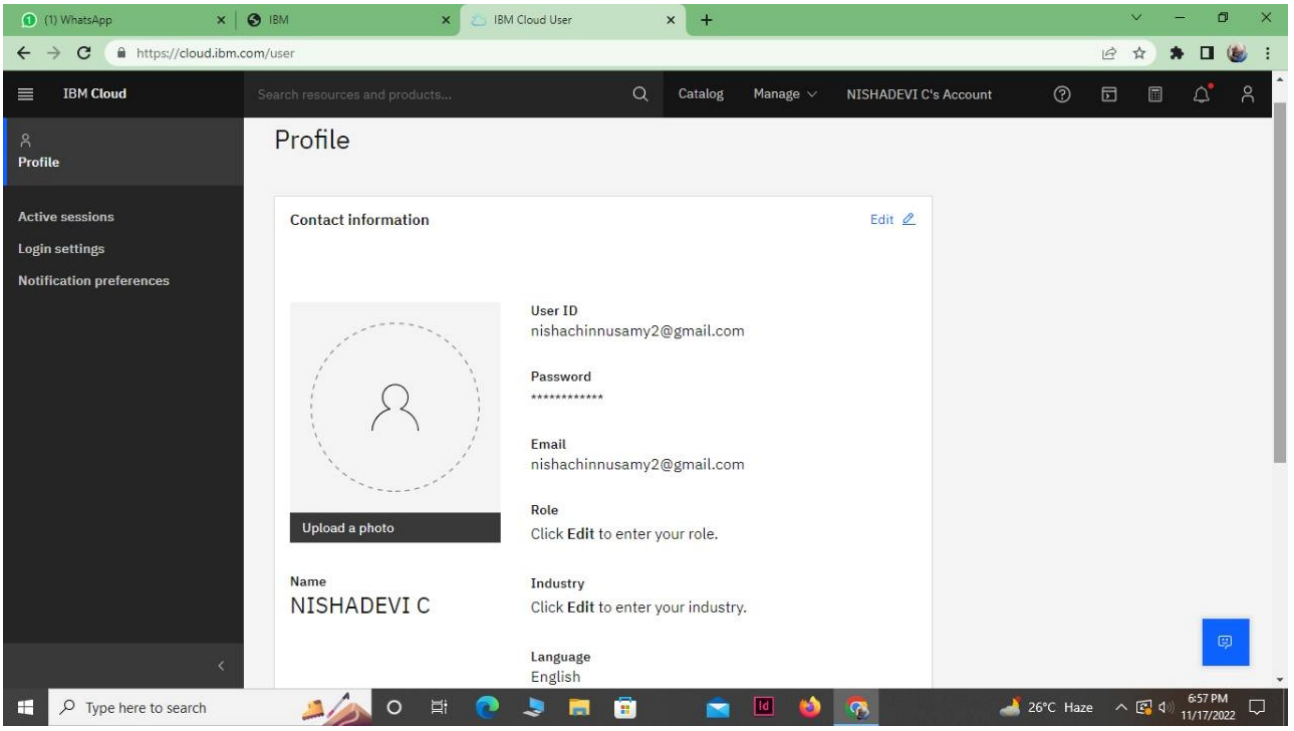
# TEAM MEMBER-R.MANJU



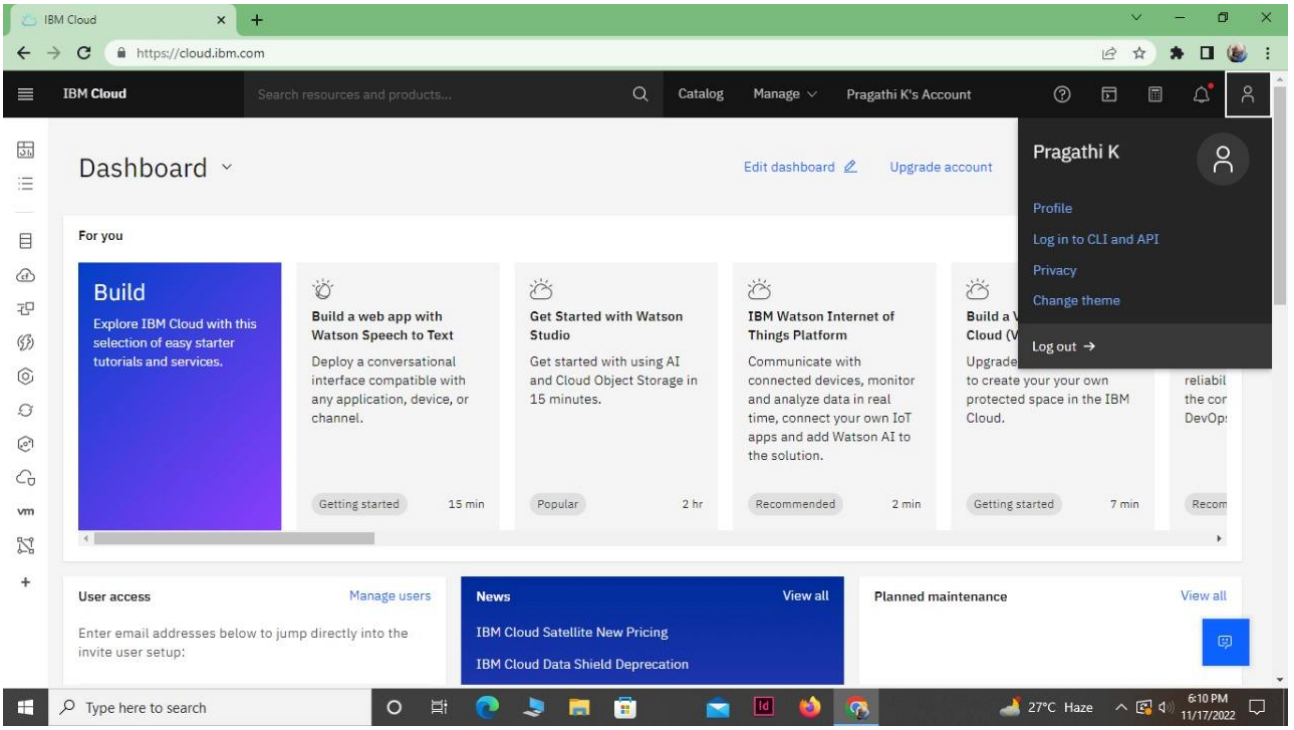



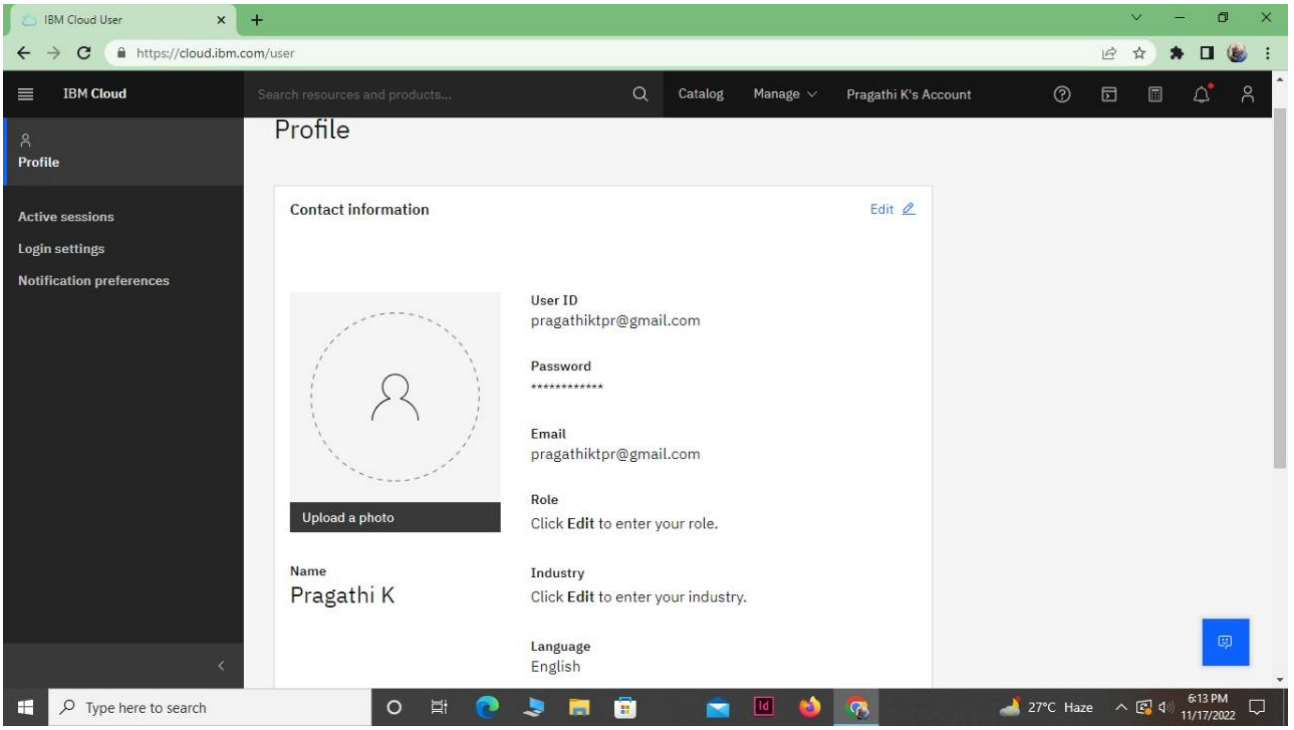
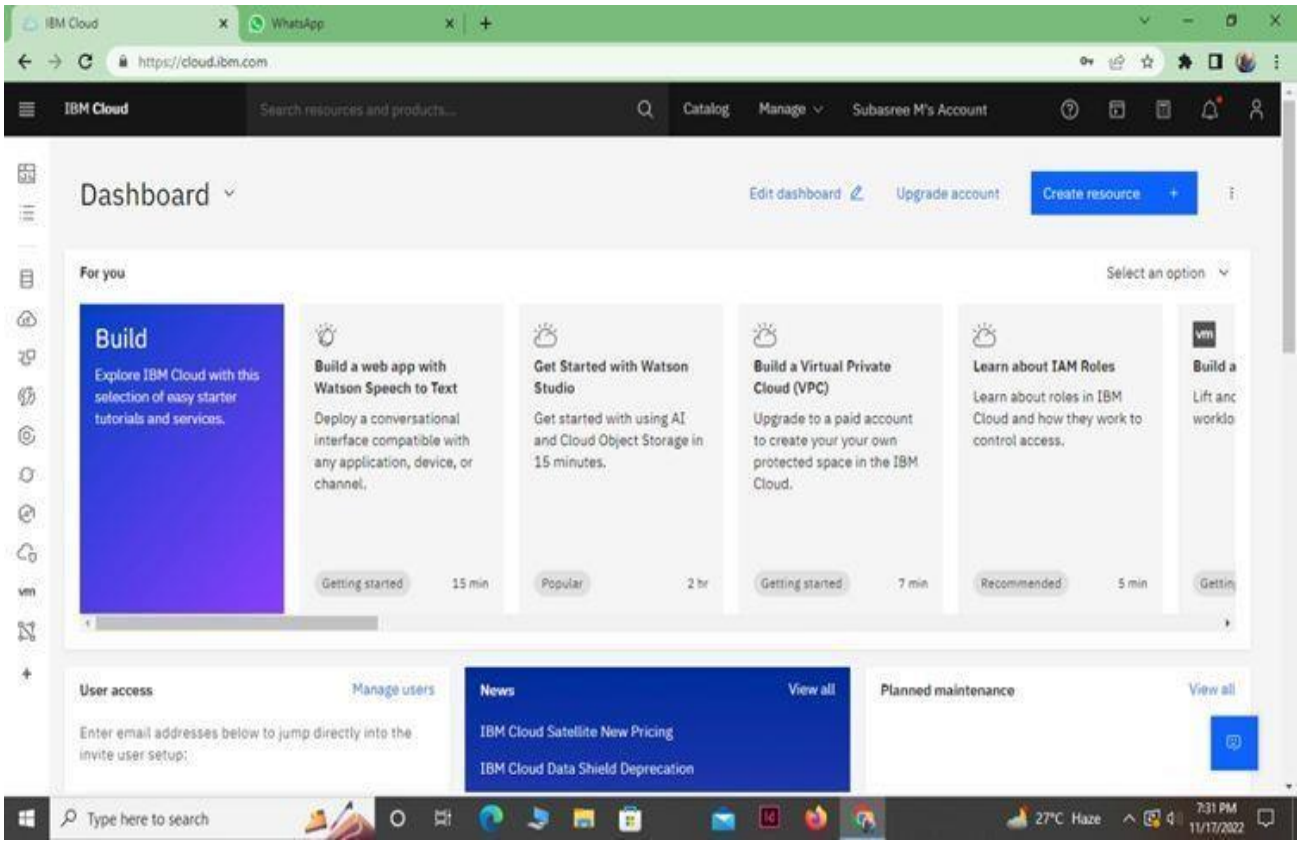
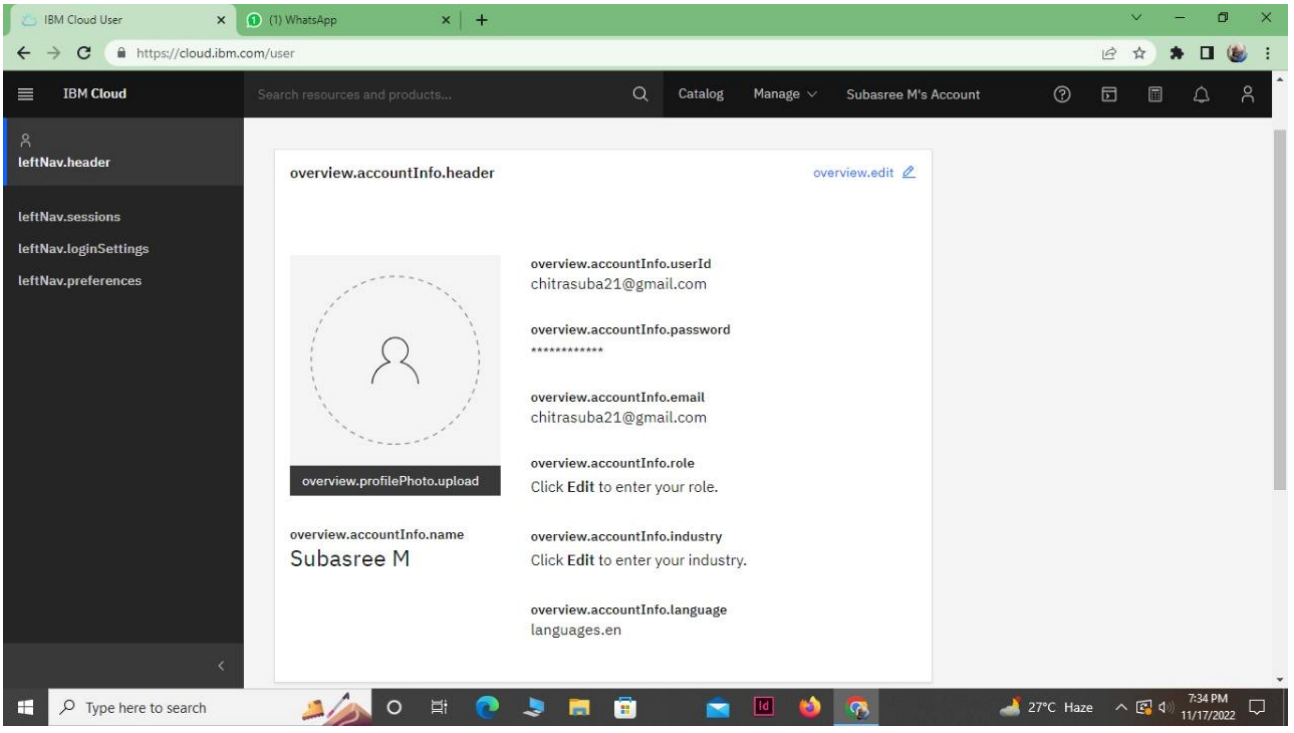
# TEAM MEMBER-C.NISHADEVI



# TEAM MEMBER-K.PRAGATHI






# TEAM MEMBER-M.SUBASREE