Sprint 4 (Application and Deployment phase)
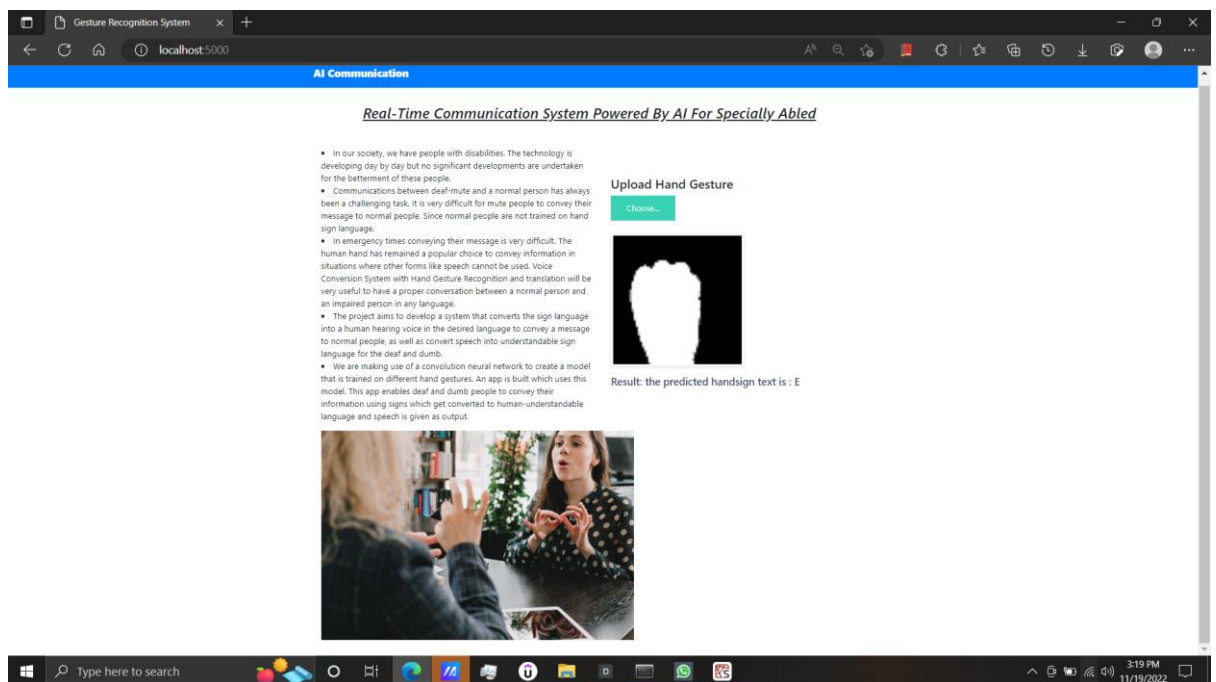
- Creating flask based web application for the deployment of the model and webpage is created
- Frontend is based on Html   and backend is based on flask for tracking or classifying the hand guesters that observed
- The server is running locally on port 5000 and live recognition of the model is observed

```
Anaconda Prompt (Anaconda3) - python app.py

127.0.0.1 - - [19/Nov/2022 15:11:01] "POST /predict HTTP/1.1" 200 -
 * Detected change in 'M:\\software\\AI_TRAINING_IBM\\IBM DEAF\\app.py', reloading
 * Detected change in 'M:\\software\\AI_TRAINING_IBM\\IBM DEAF\\tmpn075_md4', reloading
 * Detected change in 'M:\\software\\AI_TRAINING_IBM\\IBM DEAF\\app.py', reloading
 * Restarting with watchdog (windowsapi)
2022-11-19 15:12:54.775195: W tensorflow/stream_executor/platform/default/dso_loader.cc:64] Could not load dynamic library 'cudart64_110.dll'; dlerror: cudart64_110.dll not found
2022-11-19 15:12:54.775351: I tensorflow/stream_executor/cuda/cudart_stub.cc:29] Ignore above cudart dlerror if you do not have a GPU set up on your machine.
2022-11-19 15:12:58.771212: W tensorflow/stream_executor/platform/default/dso_loader.cc:64] Could not load dynamic library 'cudart64_110.dll'; dlerror: cudart64_110.dll not found
2022-11-19 15:12:58.772089: W tensorflow/stream_executor/platform/default/dso_loader.cc:64] Could not load dynamic library 'cublas64_11.dll'; dlerror: cublas64_11.dll not found
2022-11-19 15:12:58.772868: W tensorflow/stream_executor/platform/default/dso_loader.cc:64] Could not load dynamic library 'cublasLt64_11.dll'; dlerror: cublasLt64_11.dll not found
2022-11-19 15:12:58.773681: W tensorflow/stream_executor/platform/default/dso_loader.cc:64] Could not load dynamic library 'cufft64_10.dll'; dlerror: cufft64_10.dll not found
2022-11-19 15:12:58.774762: W tensorflow/stream_executor/platform/default/dso_loader.cc:64] Could not load dynamic library 'curand64_10.dll'; dlerror: curand64_10.dll not found
2022-11-19 15:12:58.776894: W tensorflow/stream_executor/platform/default/dso_loader.cc:64] Could not load dynamic library 'cusolver64_11.dll'; dlerror: cusolver64_11.dll not found
2022-11-19 15:12:58.778446: W tensorflow/stream_executor/platform/default/dso_loader.cc:64] Could not load dynamic library 'cusparse64_11.dll'; dlerror: cusparse64_11.dll not found
2022-11-19 15:12:58.781387: W tensorflow/stream_executor/platform/default/dso_loader.cc:64] Could not load dynamic library 'cudnn64_8.dll'; dlerror: cudnn64_8.dll not found
2022-11-19 15:12:58.782257: W tensorflow/core/common_runtime/gpu/gpu_device.cc:1934] Cannot dlopen some GPU libraries. Please make sure the missing libraries mentioned above are installed properly if you would like to use GPU. Follow the guide at https://www.tensorflow.org/install/gpu for how to download and setup the required libraries for your platform.
Skipping registering GPU devices...
2022-11-19 15:12:58.785486: I tensorflow/core/platform/cpu_feature_guard.cc:193] This TensorFlow binary is optimized with oneAPI Deep Neural Network Library (oneDNN) to use the following CPU instructions in performance-critical operations:  AVX AVX2
To enable them in other operations, rebuild TensorFlow with the appropriate compiler flags.
 * Debugger is active!
 * Debugger PIN: 527-144-433
 * Running on http://127.0.0.1:5000/ (Press CTRL+C to quit)
127.0.0.1 - - [19/Nov/2022 15:14:16] "GET / HTTP/1.1" 200 -
current path
current path M:\software\AI_TRAINING_IBM\IBM DEAF
upload folder is  M:\software\AI_TRAINING_IBM\IBM DEAF\uploads\26.png
1/1 [==============================] - 0s 108ms/step
prediction B
127.0.0.1 - - [19/Nov/2022 15:14:23] "POST /predict HTTP/1.1" 200 -
127.0.0.1 - - [19/Nov/2022 15:14:37] "GET / HTTP/1.1" 200 -
current path
current path M:\software\AI_TRAINING_IBM\IBM DEAF
upload folder is  M:\software\AI_TRAINING_IBM\IBM DEAF\uploads\28.png
1/1 [==============================] - 0s 21ms/step
prediction B
127.0.0.1 - - [19/Nov/2022 15:14:42] "POST /predict HTTP/1.1" 200 -
current path
current path M:\software\AI_TRAINING_IBM\IBM DEAF
upload folder is  M:\software\AI_TRAINING_IBM\IBM DEAF\uploads\2.png
1/1 [==============================] - 0s 23ms/step
prediction E
127.0.0.1 - - [19/Nov/2022 15:19:22] "POST /predict HTTP/1.1" 200 -
current path
current path M:\software\AI_TRAINING_IBM\IBM DEAF
upload folder is  M:\software\AI_TRAINING_IBM\IBM DEAF\uploads\2.png
1/1 [==============================] - 0s 20ms/step
prediction I
127.0.0.1 - - [19/Nov/2022 15:23:19] "POST /predict HTTP/1.1" 200 -
```