

# Manual To Execute Project

## To Install Software and Libraries

1. Download and install anaconda software
2. Open anaconda prompt from windows search and run the following commands
  - `conda create -n project python==3.6.9`
  - `conda activate project`
  - `pip install pandas numpy matplotlib seaborn jupyter notebook tensorflow==1.14.0 keras==2.2.5 opencv-python opencv-contrib-python imutils pillow h5py==2.10.0 scikit-learn`
3. Download and install IntelliJ IDEA Community IDE.
4. The IntelliJ IDE is used to modify the code.

## To Run Project

open anaconda prompt from windows search and run the following commands

- `conda activate project`

C:\Users\perum\OneDrive\Desktop\A Vision-Based System Design and Implementation for Accident Detection and Analysis via Traffic Surveillance Video

**(Note: If project contains in another drive or in another folder then the path should be changed according to the project path manually.)**

- `python app.py`

**(Note: The above command is used to execute the main project)**

## Some Important Instructions in video.py

1. Sign-up
2. Sign-in with your details
3. Home-page appers
4. Choose File
5. Image
6. Accident prediction occurs in the image