**Software Requirement:-**

1. Python 3.0
2. IDE e.g. Vscode, Jupyter Notebook.
3. Anaconda navigator for creating Environment
4. Python package Installer(PIP)

**Hardware Requirement:-**

1. R.A.M 4GB
2. Dual core Processor.
3. Storage 512 MB cloud/local

**Steps to Run Program:-**

1. **Go the folder containing python program.**
2. **Change the path of the image/video file in DetectPlate.py (user specified)**
3. **Run PredictCharacters.py. This will load the trained model (finalized\_model.sav) which is added to folder for reference. Your own model can also be trained using the dataset attached in folder.**
4. **Running PredictCharacters.py first gives grayscale and binary image. Then produces gray image with license plate bounded inside a rectangle.**
5. **Each characters are also segmented and shown within boxes.**
6. **Finally the model predicts the license plate.**