

LIST OF FIGURES

2.1 Licence Plate.....	15
2.2 Raspberry Pi 3	17
2.2 Greyscale	18
2.3 Thresholding image.....	19
2.3 Deep Neural Network	20
3.1 Block diagram system of Amans	20
3.2 Camera angle effectivity	21
3.3 System diagram flowchart	23
3.4 Data object for training programs.....	24
3.5 Gaussian blurring object.....	25
3.6 Training learn system.....	26
3.7 Classification system.....	27
3.8 Overview program trials	29
4.1 Dataset folder.....	31
4.2 Dataset training result	33
4.3 Image detection result.....	34
4.4 Real time object detection process	36
4.5 Real time object detection result.....	37
4.6 Object recognition using image	39

、

4.7 Text output.....	41
4.8 Image Output.....	42