

## FIGURE LIST

Figure 2.1 Photo and OBD numbers[14].....	13
Figure 2.2 Engine Control Unit[8].....	14
Figure 2.3 Web Application .....	15
Figure 2.4 Illustration of Precision & Accuracy Definition.....	16
Figure 3.1 System MQTT & TCP/IP.....	20
Figure 3.2 Log Data from Listener.....	21
Figure 3.3 System Block Diagram.....	22
Figure 3.4 Conventional Transportation System Design .....	22
Figure 3.5 Online Transportation System Design .....	22
Figure 3.6 Future Publick Transportation System Design .....	23
Figure 3.7 System Design Block Diagram.....	25
Figure 3.8 Home page design .....	29
Figure 3.9 Design Page After Login.....	30
Figure 3.10 Design of the travel page.....	31
Figure 3.11 DAMRI Routes .....	33
Figure 3.12 Trans Metro Bandung route .....	35
Figure 3.13 Public Transportation Routes .....	37
Figure 3.14 City Tour Frame .....	38
Figure 3.15 Profile .....	41
Figure 4.1 Capture Wireshark.....	43
Figure 4.2 Capture Listener.....	44
Figure 4.3 Response Time Chart of OBD-II Gosuncn.....	46
Figure 4.4 Testing.....	49
Figure 4.5 Net Promoter Scorer.....	52