

LIST OF FIGURES

Figure 1.1 Internet of Things.	1
Figure 2.1 AWS.....	7
Figure 2.2 Express.js.	7
Figure 2.3 React.js.....	8
Figure 2.4 PostgreSQL.	8
Figure 3.1 Design system.	9
Figure 3.2 Node MCU flow diagram.	10
Figure 3.3 User reservation flow diagram.....	11
Figure 3.4 Parking model.	12
Figure 4.1 Tool design result.	13
Figure 4.2 Entire system diagram.	14
Figure 4.3 Firebase real-time database.	15
Figure 4.4 Login page.....	15
Figure 4.5 Registration page.....	15
Figure 4.6 Spot parking page.....	16
Figure 4.7 Booking form.	16
Figure 4.8 Line chart.	18
Figure 4.9 Gender chart.	19
Figure 4.10 Age chart.	19
Figure 4.11 Online reservation usage chart.....	19
Figure 4.12 Login page accessibility and usability chart.	20
Figure 4.13 Registration page accessibility and usability chart.....	20
Figure 4.14 Online reservation usage chart.....	20
Figure 4.15 Datetime picker accessibility and usability chart.	21
Figure 4.16 Booking form accessibility and usability chart.	21
Figure 4.17 Clarity of information chart.	21
Figure 4.18 Efficiency of web app chart.....	22