

## LIST OF FIGURES

Figure I.1 The Waiting Time for FRI Graduates (In Months).....	3
Figure I.2 The Average Waiting Time for FRI Graduates from 2021 to 2023 (In Months).....	3
Figure I.3 The Waiting Time for Graduates of the 2016 - 2018 Cohort.....	4
Figure I.4 Fishbone Diagram Student Waiting Time .....	5
Figure III.1 Design Systematic .....	19
Figure IV.1 Import Libraries Flowchart .....	30
Figure IV.2 Syntax for Uploading Files .....	30
Figure IV.3 Import Data Flowchart.....	31
Figure IV.4 Syntax for Importing Data .....	31
Figure IV.5 Data Categorization Flowchart .....	32
Figure IV.6 Syntax for Data Categorization.....	32
Figure IV.7 Syntax for Data Normalization .....	33
Figure IV.7 Naive Bayes Classification Flowchart .....	35
Figure IV.8 Syntax for Data Training and Testing Split.....	35
Figure IV.10 Syntax for Accuracy Calculation .....	36
Figure IV.11 Classification Report.....	36
Figure IV.12 Classification Report of 3 Months Boundary .....	38
Figure IV.13 Classification Report of 3 Months Boundary .....	39
Figure IV.14 Classification Report of 12 Months Boundary .....	40
Figure IV.15 Entity Relationship Diagram (ERD).....	42
Figure IV.16 Use Case Diagram.....	43
Figure IV.17 Activity Diagram - Manual Data Input .....	44
Figure IV.18 Activity Diagram - Upload Data .....	45
Figure IV.19 Sequence Diagram - Manual Input Data.....	46
Figure IV.20 Sequence Diagram - Upload Data.....	47
Figure IV.21 Dashboard Interface .....	48
Figure IV.22 <i>Klasifikasi Waktu Tunggu</i> Interface .....	48
Figure IV.23 <i>Pengisian Data Manual</i> Interface .....	49
Figure IV.24 <i>Unggah File</i> Interface .....	50
Figure IV.25 <i>Lihat Hasil Prediksi</i> Interface .....	50

Figure IV.26 Grafik Bar Chart Interface .....	51
Figure IV.27 Confusion Matrix Interface .....	52
Figure IV.28 Correlation Heatmap More Than 6 Months .....	52