**LIST OF FIGURES**

**PAGE**

Figure 3.1 System Design for Removing Inconsistency and Splitting Dataset 22

Figure 3.2 System Design for Generating Rules 23

Figure 3.3 System Design for Calculating Rule Accuracy 24

Figure 4. 1 Home Page 44

Figure 4.2 Upload File 44

Figure 4.3 Show Upper and Lower Approximations 45

Figure 4.4 Inconsistent Data Page 46

Figure 4.5 Show Accuracy 46

Figure 4.6 Show All Rule Lists with Accuracy 47

Figure 4.7 Show Detail of Selected Rule List with Accuracy 48

Figure 4.8 Show Rules with Maximum Accuracy as Suggested Rules 48

Figure 4.9 Select Random Number and Percentage 49

Figure 4.10 Generate Reducts 50

Figure 4.11 Generate Rules 51

Figure 4.12 Calculate Strength 51

Figure 4.13 Calculate Accuracy 52