

CHAPTER III

PLANNING

3.1 Research Methodologies

This project will be done using an incremental approach. Below are the steps of this project:

1. Information gathering and literature study for the project, as defined in the scope.
2. Analyze the problems and processes, then create the program design.
3. Implement the algorithm in Java programming language.
4. Test all the required functions of the project.
5. Repeat steps 3 and 4 until the project is done and has no errors left.

3.2 Project Management

This project was done for around 3 months, with planned with timetables below:

Activity	April				May				June			July
	I	II	III	IV	I	II	III	IV	I	II	III	IV
Literature study												
Analysis, planning, and design												
Implementation												
Testing												
Revisions and Fixes												
Project presentation												

Table 3.2 Time schedule table