CHAPTER III

PLANNING

3.1 Research Methodologies

The project will be implemented using a phased approach. Here are the steps of the project:

1 Search and Collect reference as a reference, including algorithms and data structures used in this project.

2 Analyze problems and make plans to do this project.

3 Applying design data structures and algorithms into an application project.

4 implement the algorithms, the data structure, the formula into the program to complete the data / problem.

5 Tests all functions in this project.

6 develop a program to make it more flexible and efficient

3.2 Project Management

The project was done for 3 months, which will be divided into several step as below:

Table 3.1 Project Management

ACTIVITIES	WEEK									
	I	II	III	IV	V	VI	VII	VIII	IX	X
Finding Data	■	■	■							
Analysis and planning		■	■	■						
Design				■	■					
Implementation					■	■	■			
Testing							■	■	■	
Developing									■	■