

## **CHAPTER III**

### **PLANNING**

#### **3.1 Research Methodologies**

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

- 1. Search and Collect references as a guidance, includes algorithm and data structure used in this project.**
- 2. Analyse the problem and make a plan to do the project.**
- 3. Implement the data structure and algorithm.**
- 4. Test all the functions in this project.**

### 3.2 Project Management

The project was done for 4 months, which will be divided into several steps as below:

Activities	Weeks									
	I	II	III	IV	V	VI	VII	VIII	IX	X
Finding Data Structure	■	■								
Analysis and planning			■	■	■					
Design Program				■	■	■	■			
Implementation Program				■	■	■	■	■		
Testing Program								■	■	■
Presentation										■

*Table 3.1 Project Management*