

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. data structure used in this project.
- 2 Analyze 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 3 months, which will be divided into several step as below:

Table 3.2 Time Schedule

| ACTIVITIES | APRIL | | | | MEI | | | | JUNI | | | | JULI | | | |
|----------------------------|-------|----|-----|----|-----|----|-----|----|------|----|-----|----|------|----|-----|----|
| | I | II | III | IV | I | II | III | IV | I | II | III | IV | I | II | III | IV |
| Finding Data Cards | | | | | | | | | | | | | | | | |
| Analysis and planning Game | | | | | | | | | | | | | | | | |
| Design Game | | | | | | | | | | | | | | | | |
| Implementation | | | | | | | | | | | | | | | | |
| Testing | | | | | | | | | | | | | | | | |
| Project Presentation | | | | | | | | | | | | | | | | |