# **Chapter 4: Project Planning**

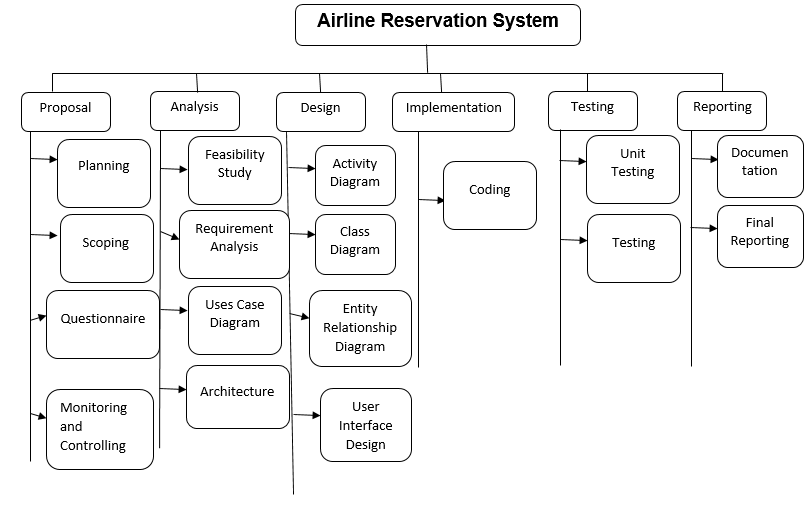
## **4.1 WBS (Work Breakdown Structure)**

A Work Breakdown structure (WBS) is used in the project to break it down into manageable smaller parts making project easy to understand and helps to complete in time.

The reason of using WBS in arrangement for all project are as follows:

1. It helps in organizing the scope of whole project.
2. It helps to assign the control of project, responsibilities, etc.
3. It helps in making deliverables more accurate.

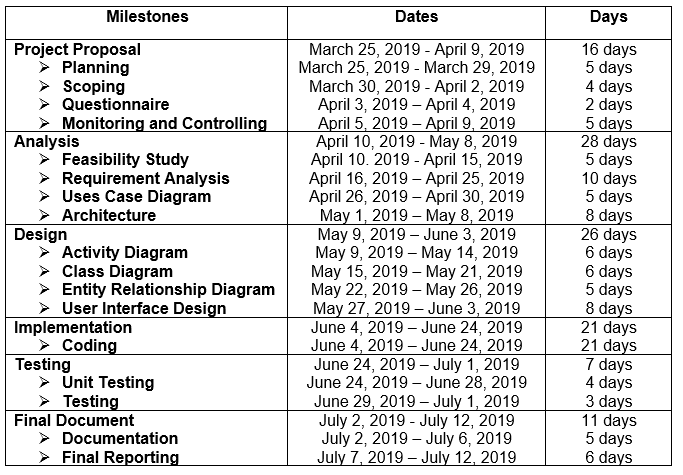
To evaluate the Work Breakdown Structure (WBS)



**Figure 4: Work Breakdown Structure**

## **4.2 Milestone**

The tools that are used in project management for measuring the progress of a project moving forward to its goal is known as milestone. It also helps you to be sure that you stay on track.

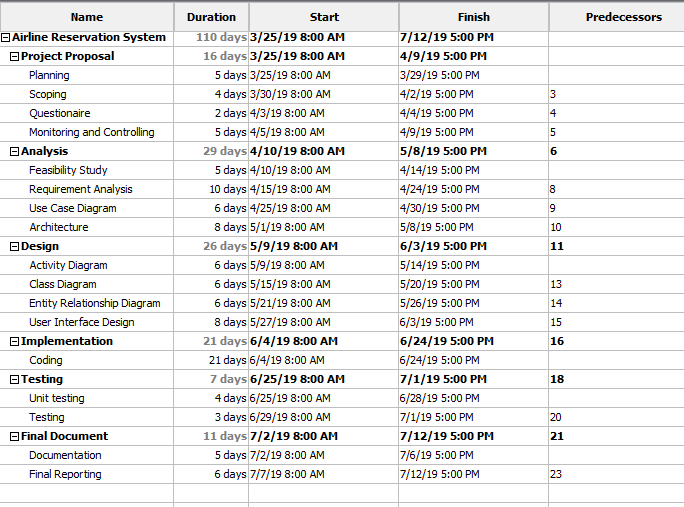


**Figure 5: Milestone**

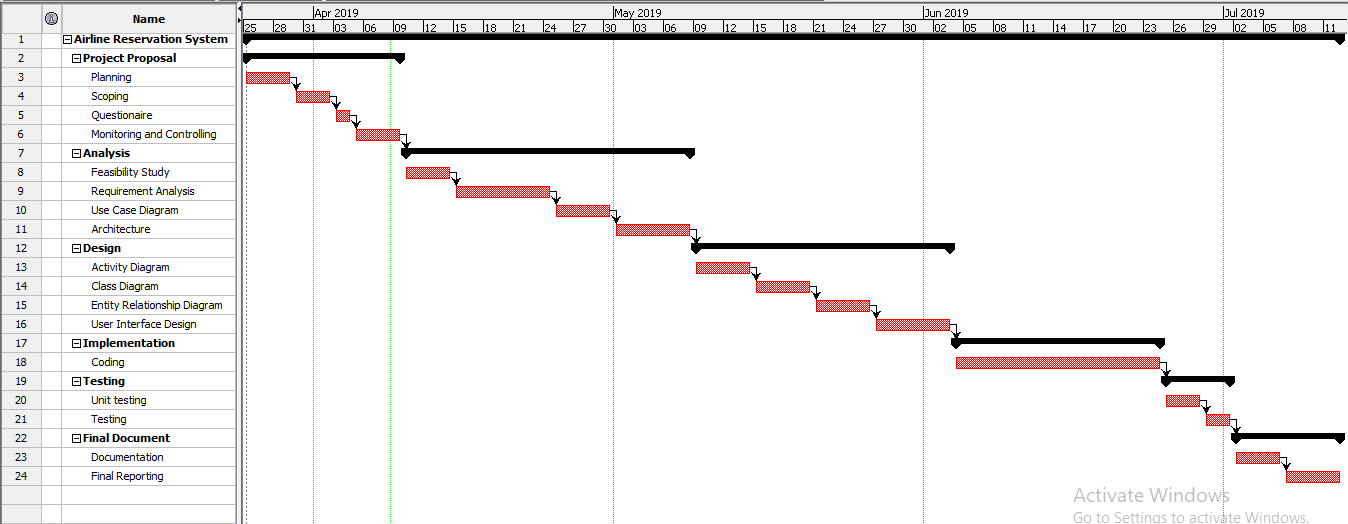
I have divide the task of my project in various phases including its deadline. To complete the project proposal I have separated 16 days, management of risk is done and the configuration management will be done as well. 28 days is separated for the analysis. 21 days, 21 days and 11 days is separated for implementation, testing and final document respectively.

## **4.3 Gantt Chart**

Gantt chart is used in project management as it helps in representing activities such as events or tasks that is displayed against time. It will help in coordinating, planning and tracking the tasks in a project.



**Figure 6: Time Schedule**



**Figure 7: Gantt chart**