CHAPTER-9
Mapping requirements with the functions

The main function of project management software is to manage all the resources and help them collaborate which each other as an when required which is also called the inter-process communication in project management. Its not always that all the functions of project management software are required by the industry utilizing the project management tool hence its important to map the requirements of the industry with the appropriate project management tool which suits their requirements. So a mapping of the requirements from the industry with the project management tools available in the market is also important catering to the needs of process, which they follow to manage the project. Requirements play an important role in any project which the company want to complete. Most requirements are directly related to functions which the client would love to perform in while the product is being designed. Project requirements can be mapped with functions most project management software have functions which are client really needs and some of the clients need extra functions in the project management software when ever an IT company is deciding to procure a project management software at that time its important for the company to first laydown their requirements which they would accept the software to perform to complete

Requirements were collected from the industry utilizing the project management software these requirements were collected from the feedback taken from the stakeholders of the companies each stakeholder at various level of the company has different requirement hence its important to keep track of the requirements at different levels of the organization and different stages of the project a mapping is carried out based on the requirements collected from the company stakeholders and the project management tools available in the market to manage the projects. Some of the requirements were met by the project management tools were, as the tools, which were being used in the company for project management purpose, could not cater some of the requirements which the stakeholders had hence there is a lacuna in the project management tools being used by the organization and so its important to first understand the requirements of the stakeholders before selecting any project management tool for managing the projects in the company. project management software functions are important for the stakeholder as they utilize functions of project management every day to report activities at different phases of the project these activities are updated to the PM software on regular basis. System functions help in
utilizing the system more efficiently and effectively with available resources for example the project manager will utilize project planning function of the project management software to plan various activities of the project. Testers will use the function of testing available in the PM software testers will use bug reporting tool to report errors found in software project under execution. Each company has different processes which they follow for completing project related activity one needs to study the functions which the company follow to complete the project activities based of the analysis done on the functionality which the company is following the manager will be responsible in selecting appropriate project management software which will best suit the company for boosting performance of the company in completing the project and also for recording and reporting project related activities in the project. Stakeholders need to provide their functionality which they follow while completing the project at their level. Once all the functionalities are collected by the project manager then he should design a functionality requirement matrix where he can select the most used functionality in his company and then plot a graph for most used functionalities at different phases of the project. Once the functionalities are finalized then project manager can search for most appropriate project management software for his company most important point which the project manager needs to focus while procuring a PM software will be functionality and features which his company stakeholders require the most. All stakeholder will use the PM software for different reporting and planning purpose for the ongoing project in the IT company if the function related to his work is not present then the stakeholder will not use the PM software and hence the project manager will not receive any report at about the phase and also full status of the project will not be received for review. Functions in any software play an important role in project management software also the functions or modules should communicate with each other so that seamless information can flow from one module to the other module. Functions are based to requirements so its important to have all functions working as the IT company requesting for specific functions from the software should work accordingly as most project management software available in the market today do not provide exactly the same function as required by the IT company its important to cater to maximum number of functions based on the IT requirement put upon by the client who is procuring project management software. Companies who are providing project management software are working round the clock to provide necessary services to the IT companies using project management software but the demand of the clients is ever increasing and the functions
needed by the clients are also increasing as requirements change companies need to update their functionalities as per the requirements of the client. Clients need to keep their requirements fixed based on the current functionality which they require from the project management product. As information flows from different modules it's important to maintain consistency between different module related information between the modules data needed between them can be easily exchanged over the same platform. Projects requirements are major concern to the company and it needs more information collaboration and should cater to the clients requirements