CHAPTER – VI

APPROXIMATION OF THE SOFTWARE INDUSTRIALIZED, AGENDA

6.1 Design and Development of the Project approximation

The approximation of the time required to complete the project is necessary to be calculated it’s important to have connection to the module of the project also while designing the project approximation it’s important to keep track of the modules implementation time and dependability of the modules on the other modules. Keep the project time and management of the module and their dependability is tedious task to be executed hence it’s important to design a schedule to manage the various activities and module design in the project.

In software engineering and project management it’s important to have a central design and development. The function point analysis is the main method designed to calculate to external inputs and the external outputs required in the software engineering project it’s important to manage and deploy the various inputs to the software project and the outputs should also be calculated from each stage of the software engineering project. The external inputs of the project are the Data Warehouse which stores all the data related to the ongoing and executed projects and the data mining algorithms which collect data from the data warehouse and give it to the intended stakeholder of the software engineering project as an when required to perform the further operations which will be executed. The user interface also has many inputs, which will be taken into consideration while calculating the function point of the software project under executions. The software projects need to be managed according to the time and schedule.

This system also has various external output files which will be generated once the project is executed or during the course of development of the software, these file will also be required by the other module to execute their processes this is important to calculate the project function point and design and development issues of the project under development. The tables explain the function point calculation depending on the inputs and the outputs of the software project under execution.

<table>
<thead>
<tr>
<th>Outward file</th>
</tr>
</thead>
<tbody>
<tr>
<td>Compliant</td>
</tr>
</tbody>
</table>
Table 1: Outward files for function point calculation

This table above explains the outward files from the system which will be compiled and generated from the data warehouse which will be helpful in calculating the function point of the software project this function point will help in estimating the number of resources required in the project and also the time period required to execute the software project under development. The function point analysis in the system is important which bridges the gap of project execution time. What is the meaning of the term to the end user or the user can use it without specifying. In this case, the user is a sophisticated user. System from a functional perspective, understand that someone or acceptance testing requirements, providing the possibility that more than one person. Points system from a functional perspective, the work action is independent of the technology. Regardless of language, development method, or use the hardware platform, the system will continue to work for the number of points. The only variable is the amount of effort required to deliver a set of action points; therefore, function point analysis tool, an environment, a language within an organization or between organizations to determine more productive compared to other can be used. This is a complex issue and function point analysis is one of the great values. Function Point Analysis Scope creep is to provide a mechanism to track and monitor. Function Point counts of requirements, analysis, design, code, test and implement interoperable. Requirements and / or design point was at the end of the work can be compared with the actual delivered function points. The project has grown, there is scope creep. Received by the amount of growth, as well as requirements and / or project team demonstrates how to communicate. If the amount of development projects is on time, improved user interaction with the natural assumption.