

## **Abstract for Project Development System**

Project Development software is a term covering many types of software, including estimation and planning, scheduling, cost control and budget management, resource allocation, collaboration software, communication, quality management and documentation or administration systems, which are used to deal with the complexity of large projects. A project management software may be of two types (i) Desktop Based Application. (ii) Web Based Application. The Web based application has many advantages over desktop-based software. The main thing is the centralized administration of the entire project management system.

Empowering you to optimize your everyday work needs, Project Development System is an intuitive, web-based solution for your project management needs. Collaboration and communication being the key factors in driving any project to success, Project Development System, allows all participants to share ideas, documents and most importantly enter, distribute and track all tasks required to reach a common objective; from any browser, anywhere in the world and at any time of the day.

Project Development System offers better control and efficiency, ensuring the successful completion of your projects on time and within budget, but most importantly, respecting your company's work processes, thus eliminating the learning curve and associated costs of a work team using new software.

The objective of the system is providing a web application for a software company for supporting the planning of human resources and project management. Resource planning is a key to success of any project. The main concepts of the system are tasks on one hand and employees on the other hand. Tasks need to be completed in a certain time by a limited number of employees with specific skills. The system supports the process of associating tasks to the

right employees in a way that due dates are met while every employee gets a constant workload and also the work of each of the employee can be analysed efficiently.