**Software Requirements Document**

Project Management System

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**Introduction**

**Project Management System:**

Project management system is the application of processes, methods, skills, knowledge and experience to achieve specific project objectives according to the project acceptance criteria within agreed parameters in CTC. Project management objectives are the successful development of the project's procedures of initiation, planning, execution, monitoring, regulation and closure as well as the guidance of the project team's operations towards achieving all the agreed upon goals within the set scope, time, quality and budget standards. Project management system is used for CTC projects.

**Scope**

The Project Management System in CTC the management of software projects. It provides the framework for organizing and managing resources in such a way that these resources deliver all the work required to complete a software project within define scope, time and budget constraints.

**Objectives:**

The primary goals of project management system to meet the following requirements:

* **Create a Project.**
* **Bidding Process:** Bid manager create a project and execute all the following steps of bidding process and close it with results.
* **Input:** Source, Decision, Decision By, Decision Date, Evaluation Criteria, Responsible person, Partnership Required, Requirements (EIO, RFP), Internal Review, Review Results, Proposal Submission, Proposal Result, Presentation, Contract, Budget, Attachments, Execution, Results, Reports, Description.
* **Output:** Details, Reports.
* **Status of Proposal.**
* **Input:** Project, Status, Date.
* **Output:** Details.
* **Project Management:** After getting project from bid and allotted to the project manager. Project manager is responsible for dealing and managing all the proceeding of the project.
* **Input:** Projects, Project Type, Assignee, Project Status, Start Date, End Date, files, Description.
* **Output:** Project Details, Reports.
* **Project Objective (Proposal, Tasks, Deadline, Focal Person and Budget).**
* **Input:** Project,Project Proposal, Tasks, Deadline, Project Team, Budget, Description, Attachment.
* **Output:** Details, Reports.
* **Consultants (Agreements, Roster, Work plans, Payment Plan).**
* **Input:** project**,** Name, Contract, Start Date, End Date, Roster, Work plan, Payment, Description, Attachment.
* **Output:** Consultants Details, Reports.
* **Tasks Managements and Activities.**
* **Input:** Project, Task, Start Date, End Date, Status, Assignee, Description.
* **Output:** Details
* **Deadlines Reminders (Alerts).**
* **Input:** Creator, Task, Due Time, Time Logged, Status.
* **Output:** Details, Alert
* **Time Tracking (Work Hours).**
* **Input:** Creator, Due Time, Time Logged, Description, Status, Time Summary.
* **Output:** Details, Report.
* **Teams Details.**
* **Input:** Project, Name, Description.
* **Output:** Details.
* **Records of Projects** (Literature, Photographs and Attachments).
* **Reports.**