**Structure of Construction Project**

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**ABOUT PROJECT**

**We propose to develop a Construction management software.With this software we can manage multiple projects, User and Track resources deployed on the Projects and Project progress efficiently.**

**Majorly this project will comprise of two parts:**

**1.Admin**

**2.Project Management**

**User management**

In this part of the Project the User management will follow the structure of hierarchy.The functionalities of the user will vary according to the assigned role.

On the basis of these proposed roles, the tentative working of User management.

**1. Admin:**

1.1. can manage permission or functionality for all the users down the hierarchy.

1.2. can create/delete(soft) /update/manage the User and their designation

1.3. can see the list of all the Users.

1.4. can delete Users down the hierarchy.

1.5. can only create/delete/update/manage Project.

1.6. can assign users to projects.  
 1.7. can remove assigned users from the project.  
 1.8. can see the list of all the projects.

1.9. can create/delete/update phases.

2.0. can see the list of all the phases.  
 2.1. can create/delete/update tasks.   
 2.2. can see the list of all the tasks.

2.3. can assign users to tasks.  
 2.4. can track progress of the project.  
 2.5. can update own profile.  
 2.6. Admin

**2. Project Management**

In this part of the project the User functionalities will vary according to Roles .