### ****Project Title:**** Mission Visaatr

**Project Owner (Admin):** Mayank  
**Assigned To (Manager):** Himanshu  
**Team Members (Users):** Rishi, Dev, Ayush

### 🧩 ****Project Tasks, Assignments & Outputs****

| **Task ID** | **Task** | **Assigned To** | **o**utcomes |
| --- | --- | --- | --- |
| T1 | FPO list, meetings, MoU signing, document verification | Rishi | Legal MoU, SS |
| T2 | GPS mapping, surveys, digital farmer profiles | Dev | Baseline reports, geo-data |
| T3 | Training, resource estimation, team tasking | Ayush | Cluster plans, role maps |
| T4 | Gap assessment, tech list, solar integration | Rishi | Equipment list, energy plan |
| T5 | Layouts, vendor due diligence, budgeting | Dev | DPRs |
| T6 | Mapping schemes, fund flow design | Ayush | Proposal tracking |
| T7 | Infra setup, procurement tracking | Rishi | Installation and QA reports |
| T8 | Branding, outreach, partner engagement | Dev | Packaging, buyer letters |
| T9 | Logs, impact surveys | Ayush | Logs, impact surveys |

**User Roles & Hierarchy**

| **Role** | **Permissions** |
| --- | --- |
| **Admin** | Full control — create managers, view all data, create user types, manage rights and settings and user permisions, all the things |
| **Manager** | Create/manage projects, assign tasks, manage users under them(assign rights) |
| **User** | Can view and update only their assigned tasks, upload documents, comment(accordingly to permission matrix) |

Project Module – Parameters

* project\_id
* project\_name
* description
* start\_date
* end\_date
* created\_by
* team\_members
* status
* milestones
* tasks
* priority
* last\_updated
* documents
* progress percentage

## **Task Module**

* task\_id
* task\_name
* description
* project\_id
* Outcomes\_id
* assigned\_to (user\_id)
* start\_date
* end\_date
* status (Pending / In Progress / Completed / On Hold)
* priority (High / Medium / Low)
* dependencies (list of task\_ids)
* created\_by (user\_id of Manager/Admin)
* documents (files linked to the task)
* comments (list of comments on the task)
* last\_updated

## **Document**

* document\_id
* file\_name
* file\_type (e.g., .pdf, .docx, .png)
* uploaded\_by (user\_id)
* uploaded\_on (timestamp)
* date
* linked\_to\_type (task / project )
* linked\_to\_id (respective task\_id / project\_id )
* description (optional short note/comment)
* file\_path (storage path or URL)

### **Comment**

* comment\_id
* text
* author\_id
* timestamp
* date
* linked\_to\_type (task / project / milestone / document)
* linked\_to\_id (respective ID: task\_id, project\_id, etc.)

### **Milestone**

* milestone\_id
* project\_id
* title
* description
* start\_date
* due\_date
* created\_at
* updated\_at
* created\_by
* status (Pending / In Progress / Completed / Delayed)

### **Outcome**

* outcome\_id
* linked\_to\_type (task <- project)
* linked\_to\_id
* title
* description
* status (Planned / Achieved / Pending Review / Delayed / Failed)
* recorded\_by
* recorded\_on
* approved\_by
* last\_updated

### **Deadlines**

* start\_date
* end\_date (also referred to as *due\_date* in some modules)
* actual\_start\_date
* actual\_end\_date / actual\_completion\_date
* created\_on
* last\_updated

### **Dependency**

* dependency\_id
* task\_id (the task that is dependent)
* depends\_on\_task\_id (the task it depends on)
* created\_on
* created\_by

**additional information V**

### ****Admin Module****

* admin\_id
* username
* email
* password\_hash
* created\_on
* last\_login
* status (active / inactive / suspended)
* role (fixed as "admin" can assign rights to manager and user)
* managed\_managers (list of manager\_ids created or supervised)

### ****Manager Module****

* manager\_id
* username
* email
* password\_hash
* assigned\_projects
* team\_users (list of user\_ids under this manager)
* created\_on
* assigned rights to their team(users)

### ****User Module****

* user\_id
* username
* email
* password\_hash
* role type( user)
* assigned\_projects
* created\_on
* last\_login
* status (active / inactive / suspended)

### ****Rights / Role Access Module****

* role\_id
* role\_name (admin / manager / user)
* permissions (list of allowed actions)
* assigned\_users (list of user\_ids with this role)
* created\_by
* created\_on
* role\_level (1 = Admin, 2 = Manager, 3 = User)
* status (active / inactive)
* last\_updated