**Admin Features**

* User Registration
  + UserName
  + Password
  + Email ID
  + Phone Number
* Authentication
* Metadata / Configuration
  + Project Type (ProjectID, Name, Description)
  + Labor Type (LaborID, Name, Description, Wage (INR))
  + Material Type (MaterialID, Name, Description, UOMID, Cost per UOM)
  + Material UOM (UOMID, Name, Description)
  + Building Milestone (MilestoneID, Name, Description, Applicable for only GF)

**Project Details**

1. Create a project with following fields
   1. Project Name (Text box – Alpha numeric)
   2. Project Type (Dropdown – Metadata {Project Type})
   3. Project Area (Text box – Numbers ) UOM (Sq.Feet)
   4. Client Name (Text box – Alpha numeric)
   5. Client Address (Text Area)
   6. City (Text box) – State (Drop down)
   7. Start Date (Date picker) (Today or future date)
   8. End Date (Date picker) (Only future date)
   9. Estimated Budget (INR) (Text box – numbers) (Project Area \* fixed value)
   10. Number of Stories (Drop down with numbers)
   11. Materials (Multiple rows)
       1. Type (Drop down – Metadata {Material Type})
       2. Units Required (Text box – numbers)
       3. Unit Cost (INR) (Text box – numbers) – Readable field
       4. Estimated Cost (Units \* Unit Cost) Readable (Auto calculate)
   12. Labor (Multiple rows)
       1. Type (Drop down – Metadata {Labor Type})
       2. Total Number Required (Text box – numbers)
       3. Expected Number of Days (Text box – numbers)
       4. Wage (Text box Read only)
       5. Estimated Cost (Total Number \* Expected Days \* Wage) Readble (Auto calculate)
   13. Payment Milestone
       1. Milestone Number (Auto generated Serial Number)
       2. Milestone Description (Textbox)
       3. Percentage value (Text box – Numbers)
       4. Payment value (INR) (Text box – Read only auto calculated)
       5. Revenue Collected in Actual (Text box) INR

Daily Transactions

1. Select a project from the down and give provisions to enter the Material and Labor details on daily basis
   1. Project Name (Drop down {Projects})
   2. Load basic project details from master project
   3. Date (Read only – System date)
   4. Material Details (Provision to add / delete / edit multiple rows)
      1. Type
      2. Units Used
      3. Actual Cost
      4. Vendor Name
   5. Labor Details
      1. Type (Drop down – Metadata {Labor Type})
      2. Name (Text box – Alphabets)
      3. Shift (Drop down – 1 / 1.5 / 2)
      4. Wage (Read only – Metadata {Labor Type})
      5. Planned Salary (Read only – calculation {wage \* shift})
      6. Actual Salary (option to edit - calculation {wage \* shift})
   6. Milestone Progress
      1. Show each milestone with progress and value

Salary

For each project salary has to be provided to Labors on daily or weekly basis. Select the project and provide the salary details based on daily entry provided above

* Project Name (Drop Down)
* Labor Details
  + Type
  + Name
  + Planned Wage
  + Actual Wage
  + Difference
  + Paid
* Material Details
  + Total Material cost planned (Based on Project master)
  + Summation of Materials used until today (Based on daily entry)
  + Paid

Dashboard

* Project details (Drop down)
* Estimated Budget Vs Actual Cost
* Planned Labor Vs Actual Labor
* Planned Material Vs Actual Material
* Payment Milestone Status