

## **Relation**

User and Mobile\_Number  
User and Email  
Client and Mobile\_Number  
Client and Email  
ContractWorker and Mobile\_Number  
ContractWorker and Email

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## **Profile**

Id (PK)  
User\_Id (FK)  
Photo  
Date\_Of\_Birth  
Gender  
Address  
City  
State  
Pin\_Code  
Country  
Aadhar\_Card  
PAN\_Card  
Created\_By  
Created\_At  
Updated\_By  
Updated\_At

## **Email**

Id (PK)  
User\_Id (FK)  
Email  
Is\_Verified (True / False)  
Is\_Primary (True / False)  
Created\_By  
Created\_At  
Updated\_By  
Updated\_At

## **MobileNumber**

Id (PK)  
User\_Id (FK)  
Mobile\_Number  
Is\_Verified (True / False)  
Is\_Primary (True / False)  
Created\_By  
Created\_At  
Updated\_By  
Updated\_At

## **OTP**

Id (PK)  
User\_Id (FK)  
OTP  
OTP\_Type ( E, M )  
OTP\_For (Registration, Reset)  
Is\_Verified (True / False)  
Created\_By  
Created\_At  
Updated\_By  
Updated\_At

## **BankAccount**

Id (PK)  
Profile\_Id (FK)  
Bank\_Name  
Account\_Number  
IFSC\_Code  
Branch  
Created\_By  
Created\_At  
Updated\_By  
Updated\_At

## **DocumentTemplate**

Id (PK)  
Title

Category  
Description  
Created\_By  
Created\_At  
Updated\_By  
Updated\_At

### **DocumentTemplateVersion**

Id (PK)  
Template\_Id (FK)  
Version\_Number (Autogenerated)  
File  
File\_Type (pdf/docx)  
Is\_Published (True / False)  
Created\_By  
Created\_At  
Updated\_By  
Updated\_At

### **CombinedDocument**

Id (PK)  
Template\_Id (FK)  
Title  
Created\_By  
Created\_At  
Updated\_By  
Updated\_At

### **Client**

Id (PK)  
Name  
Address  
City  
State  
Pin\_Code  
Country  
Created\_By  
Created\_At

Updated\_By  
Updated\_At

### **AMC**

Id (PK)  
Client\_Id (FK)  
AMC\_Number  
Amount  
Start\_Date  
End\_Date  
Status (Pending, Active, Expired, Canceled)  
Billing\_Cycle (Monthly, Quarterly, Half-yearly, Yearly)  
Created\_By  
Created\_At  
Updated\_By  
Updated\_At

### **AMCBilling**

Id (PK)  
AMC\_Id (FK)  
Bill\_Number  
Bill\_Date  
Period\_From  
Period\_To  
Amount  
Paid (True / False)  
Payment\_Date  
Payment\_Mode (Cash, Cheque, Bank Transfer, UPI)  
Notes  
Created\_By  
Created\_At  
Updated\_By  
Updated\_At

### **Tender**

Id (PK)  
Name  
Reference\_Number

Description  
Filed\_Date  
Start\_Date  
End\_Date  
Estimated\_Value  
Status (Filed, Awarded, Lost, Closed)  
Created\_By  
Created\_At  
Updated\_By  
Updated\_At

### **TenderDeposit**

Id (PK)  
Tender\_Id (FK)  
Deposit\_Type (EMD\_Security1, EMD\_Security2, Other)  
Amount  
DD\_Number  
DD\_Date  
DD\_Beneficiary  
Is\_Refunded (True / False)  
Refund\_Date  
Notes  
Created\_By  
Created\_At  
Updated\_By  
Updated\_At

### **TenderDocument**

Id (PK)  
Tender\_Id (FK)  
Document\_Version\_Id (FK)  
Created\_By  
Created\_At  
Updated\_By  
Updated\_At

### **Employee**

Id (PK)

Profile\_Id (FK)  
Employee\_Code  
Designation (Technician, Field Staff, Computer Operator, Other)  
Department  
Joining\_Date  
Created\_By  
Created\_At  
Updated\_By  
Updated\_At

### **Project**

Id (PK)  
Client\_Id (FK)  
Name  
Description  
Start\_Date  
End\_Date  
Status (Planned, In Progress, On Hold, Completed, Canceled)  
Created\_By  
Created\_At  
Updated\_By  
Updated\_At

### **Task**

Id (PK)  
Employee\_Id (FK)  
Project\_Id (FK)  
Description  
Date  
Location  
Time\_Taken\_Minutes  
Cost\_Incurred  
Status (Open, In Progress, Completed, Canceled)  
Created\_By  
Created\_At  
Updated\_By  
Updated\_At

**TaskAttachment**

Id (PK)  
Task\_Id (FK)  
File  
Notes  
Created\_By  
Created\_At  
Updated\_By  
Updated\_At

**Resource**

Id (PK)  
Name  
Description  
Unit\_Of\_Measure  
Created\_By  
Created\_At  
Updated\_By  
Updated\_At

**TaskResource**

Id (PK)  
Task\_Id (FK)  
Resource\_Id (FK)  
Quantity  
Unit\_Cost  
Total\_Cost  
Created\_By  
Created\_At  
Updated\_By  
Updated\_At

**ClientResourcePriceHistory**

Id (PK)  
Client\_Id (FK)  
Resource\_Id (FK)  
Price\_Charged

Created\_By

Created\_At

### **ContractWorker**

Id (PK)

Profile\_Id (FK)

Project\_Id (FK)

Name

Worker\_Type (Unskilled, Semi-Skilled, Skilled)

Monthly\_Salary

Aadhar\_No

UAN\_Number (optional)

Created\_By

Created\_At

Updated\_By

Updated\_At

### **HolidayCalander**

Id

Date

Name

Type (National, Festival, Company)

Created\_By

Created\_At

Updated\_By

Updated\_At

### **Attendance**

Id (PK)

Employee\_Id (FK)

Contract\_Worker\_Id (FK)

Person\_Type (Employee, ContractWorker)

Date

Status (Present, Absent, Half-Day, Leave)

Approved\_By

Is\_Payable (True / False)

Created\_By

Created\_At

Updated\_By  
Updated\_At

### **PayrollRecord**

Id (PK)  
Employee\_Id (FK)  
Contract\_Worker\_Id (FK)  
Person\_Type (Employee, ContractWorker)  
Period\_From  
Period\_To  
Working\_Days  
Days\_Present  
Gross\_Amount  
Deductions (PF, TDS, advances, penalties, unpaid leave)  
Net\_Amount  
Computation\_Details  
Payment\_Date  
Payment\_Mode (Cash, Bank Transfer, Cheque, UPI)  
Bank\_Transaction\_Reference\_Number  
Notes  
Created\_By  
Created\_At  
Updated\_By  
Updated\_At

### **Notification**

Id (PK)  
Recipient\_Id (FK → User.Id)  
Title  
Message  
Type (Task, AMC, Tender, Payroll, System, Other)  
Channel (In-App, Email, Push)  
Is\_Read (True / False)  
Created\_By  
Created\_At

Updated\_By  
Updated\_At

**EmailTemplate**

Id (PK)  
Name  
Subject  
Body  
Placeholders  
Created\_By  
Created\_At  
Updated\_By  
Updated\_At