

Relation

User and Mobile_Number
User and Email
Client and Mobile_Number
Client and Email
ContractWorker and Mobile_Number
ContractWorker and Email

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