Diagram Key

- 🟢 Child Table
- 🟡 Parent Table

Employee

Employee_First_Name	CHAR (50) , NOT NULL
Employee_Last_Name	CHAR (50) , NOT NULL
Employee_ID_Number	INT (6) Auto Increment
Employee_SSN	INT (10) , NOT NULL
Employee_Address_Street	CHAR (35) , NOT NULL
Employee_Address_City	CHAR (35) , NOT NULL
Employee_Address_State	CHAR (2) , NOT NULL
Employee_Address_Zipcode	INT (5) , NOT NULL
Employee_Salary	INT (10) , NOT NULL
Employee_Gender	CHAR (6) , NOT NULL
Employee_DOB	Date , NOT NULL
Employee_Project	CHAR (50) , NOT NULL
Employee_Superior_ID	INT (10) , NOT NULL
Employee_Department_Number FK	INT (5) , NOT NULL
Employee_Project_Number FK	INT (10) , NOT NULL
Employee_Project_Name FK	CHAR (50) , NOT NULL
Employee_Dependent_1_First_Name	CHAR (50) , NOT NULL
Employee_Dependent_1_Last_Name	CHAR (50) , NOT NULL
Employee_Dependent_1_Gender	CHAR (6) , NOT NULL
Employee_Dependent_1_DOB	DATE , NOT NULL
Employee_Dependent_1_Relationship	CHAR (25) , NOT NULL
Employee_Dependent_2_First_Name	CHAR (50) , NOT NULL
Employee_Dependent_2_Last_Name	CHAR (50), NOT NULL
Employee_Dependent_2_Gender	CHAR(6) , NOT NULL
Employee_Dependent_2_DOB	Date , NOT NULL
Employee_Dependent_2_Relationship	CHAR (25) , NOT NULL

Project

Project_Name FK	CHAR (50), NOT NULL
Project_ID_Number	INT (6) Auto Increment
Project_Department_Name	CHAR (50), NOT NULL
Project_Start_Date	DATE , NOT NULL
Project_End_Date	DATE , NOT NULL
Project_Employee_Assigned FK	INT (6) , NOT NULL
Project_Location	CHAR (65) , NOT NULL

Department

Department_Name	CHAR (50) , NOT NULL
Department_ID_Number	INT (6) Auto Increment
Department_Manager_ID FK	INT (6), NOT NULL
Department_Manager_Is_Active	CHAR (3), NOT NULL
Department_Manager_Start_Date	DATE , NOT NULL
Department_Manager_End_Date	DATE , NOT NULL
Department_Project_Name FK	CHAR (50) , NOT NULL