

S No.	Mini-project description																																																																		
2	<p>This is a small case study to manage employee enrollment and allocation of department for a recently opened small organization.</p> <table><tr><th colspan="3">Department Table</th></tr><tr><th>Coloumn Name</th><th>Type</th><th>Constraint</th></tr><tr><td>Department_Id</td><td>number</td><td>Primary Key</td></tr><tr><td>Department_Name</td><td>varchar</td><td></td></tr></table> <table><tr><th colspan="3">Exit_table</th></tr><tr><th>Column Name</th><th>Type</th><th>Contrain</th></tr><tr><td>Emp_Id</td><td>number</td><td>Primary Key</td></tr><tr><td>Emp_Name</td><td>varchar</td><td>Not null</td></tr><tr><td>Final_settlement</td><td>number</td><td>Salary+ arrears_salary - recovery_salary</td></tr><tr><td>Reason</td><td>Varchar</td><td>Reason for leaving the company; not null</td></tr><tr><td>Date_of_reliving</td><td>date</td><td>Default current date</td></tr></table> <table><tr><th colspan="3">Employee Table</th></tr><tr><th>Column Name</th><th>Type</th><th>Contrain</th></tr><tr><td>Emp_Id</td><td>number</td><td>Primary Key</td></tr><tr><td>Emp_Name</td><td>varchar</td><td>Not null</td></tr><tr><td>dept</td><td>number</td><td>FK with department_id from departmens_table</td></tr><tr><td>salary</td><td>number</td><td>min 1000</td></tr><tr><td>arrears_salary</td><td>number</td><td>nullable</td></tr><tr><td>recovery_salary</td><td>number</td><td>nullable</td></tr><tr><td>designation</td><td>varchar</td><td>Not null</td></tr><tr><td>status</td><td>varchar</td><td>default Active; possible values(Active ; LOP; Martanity; Abscornding; Resigned)</td></tr><tr><td>Date_Of_Joining</td><td>Date</td><td>Default current date</td></tr></table> <ol style="list-style-type: none">Create the above mentioned tables as per the given specification and constraintsPopulate Department table with sample data of 5 rows. Fix minimum of 5 departments and add them.Populate Employee table with sample data of 10 rows.<ol style="list-style-type: none">Initial few rows should be fully filled with all fields valuesInsert few rows with null data. 1 rows with arrears_salary as null and 1 recovery_salary no as null, 2 row with both as null.Make few rows to be inserted with default value for satus.Create 2 procedure to insert data into EmployeeTable.<ol style="list-style-type: none">Provide 8 IN parameters for table columns.	Department Table			Coloumn Name	Type	Constraint	Department_Id	number	Primary Key	Department_Name	varchar		Exit_table			Column Name	Type	Contrain	Emp_Id	number	Primary Key	Emp_Name	varchar	Not null	Final_settlement	number	Salary+ arrears_salary - recovery_salary	Reason	Varchar	Reason for leaving the company; not null	Date_of_reliving	date	Default current date	Employee Table			Column Name	Type	Contrain	Emp_Id	number	Primary Key	Emp_Name	varchar	Not null	dept	number	FK with department_id from departmens_table	salary	number	min 1000	arrears_salary	number	nullable	recovery_salary	number	nullable	designation	varchar	Not null	status	varchar	default Active; possible values(Active ; LOP; Martanity; Abscornding; Resigned)	Date_Of_Joining	Date	Default current date
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- b. Provide 5 in parameter leaving arrears_salary and recovery_salary being null and status and Date_of_joining to be with default value.
5. Create a Procedure to exit an employee from the organization
 - a. Provide 2 IN parameter (empno and reason) and one OUT parameter to return operation_status.
 - b. Get details of the employee and check if status is resigned, then set operation_status as "ALREADY RESIGNED".
 - c. Update employee table status to Resigned if status is anything other than resigned
 - d. Insert into exit table the all the field, except Date as it can be given as default.
 - e. set operation_status as "Inserted".
6. Create a function called getSalary which take one In parameter of Employee_Id and returns the Salary of that Employee.
7. Create a function call getEmployeeCount which takes one in parameter of department_Id and returns the total employees available in that department.
8. Create a function call getCurrentEmployeeCount which return the active employees count.
9. Create an Employee_backup table with all the contents of the current Employee table with the same structure.
10. Create a view called as Department_Report which display all department details along with count of exited employees, Active Employees, Non-Active employees (cases like LOP Maternity etc), total salary paid out by each department.

Department_Id	Department_Name	Tot_Active	Tot_Exited	Tot_NonActive	Tot_Sal_Paid
10	Accounts	15	2	3	350000