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## DBMS LAB 08 TASKS

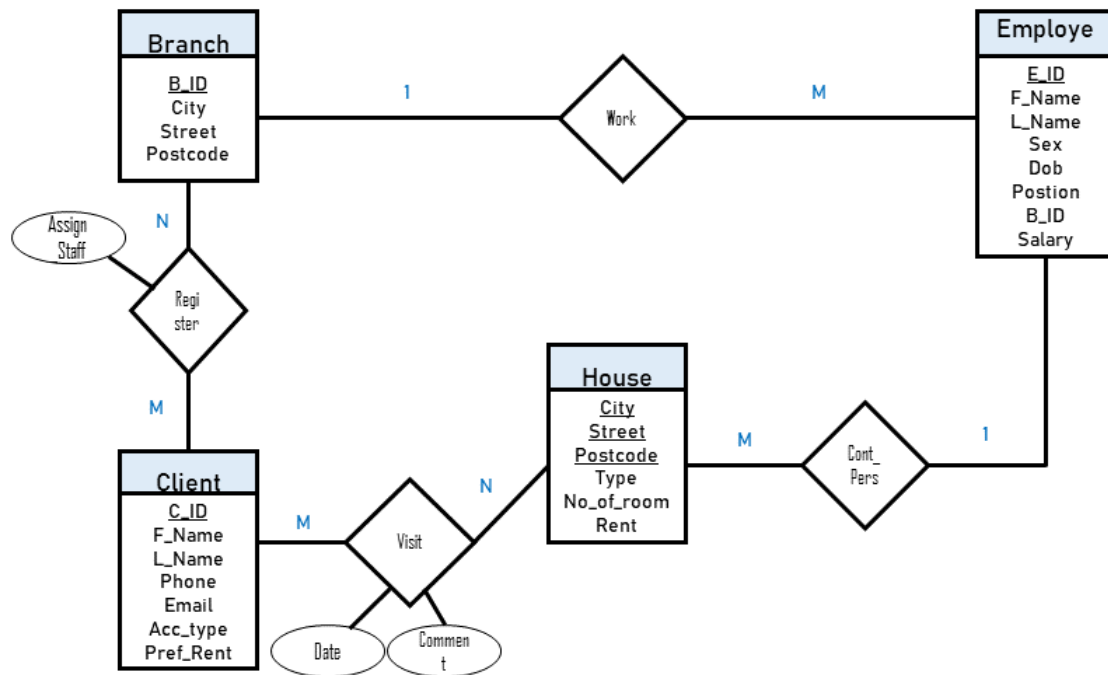
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# 1 SCENARIO



**Figure 1:** Partial ERD of the 'Bhalo Basha Chai' project

1. Create all the tables that can be found from this ERD.

[Hint: There will be at least 6 tables in total.]

Use the cascading delete clause for all the foreign keys in your tables. If there's any foreign key that should not have cascading delete, write down a comment explaining your reasoning.

2. Create a view named Visiting\_List that displays which customer has visited which house and on which day. Your view should contain the attributes C\_ID, First Name, Last Name and phone number of the customer, the visiting date and the address of the

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visited house.

From this view, create another view named HOUSE\_VISIT\_HISTORY that contains the number of times a house has been visited.

3. Create a view named Employee\_List that displays all the branches and the employees that work under each branch. Your view should have the attributes B\_ID, City, E\_ID, First name of employee and his position in the company.
4. There are three types of users in this database: Customers, Staff and Admin. Customers should be able to view their own information. Staff can view and modify both his and the customer's information. The Admin can modify Branch and House information, and at the same time can do everything the staff and customers can do.  
Create three separate roles for the three categories of users.