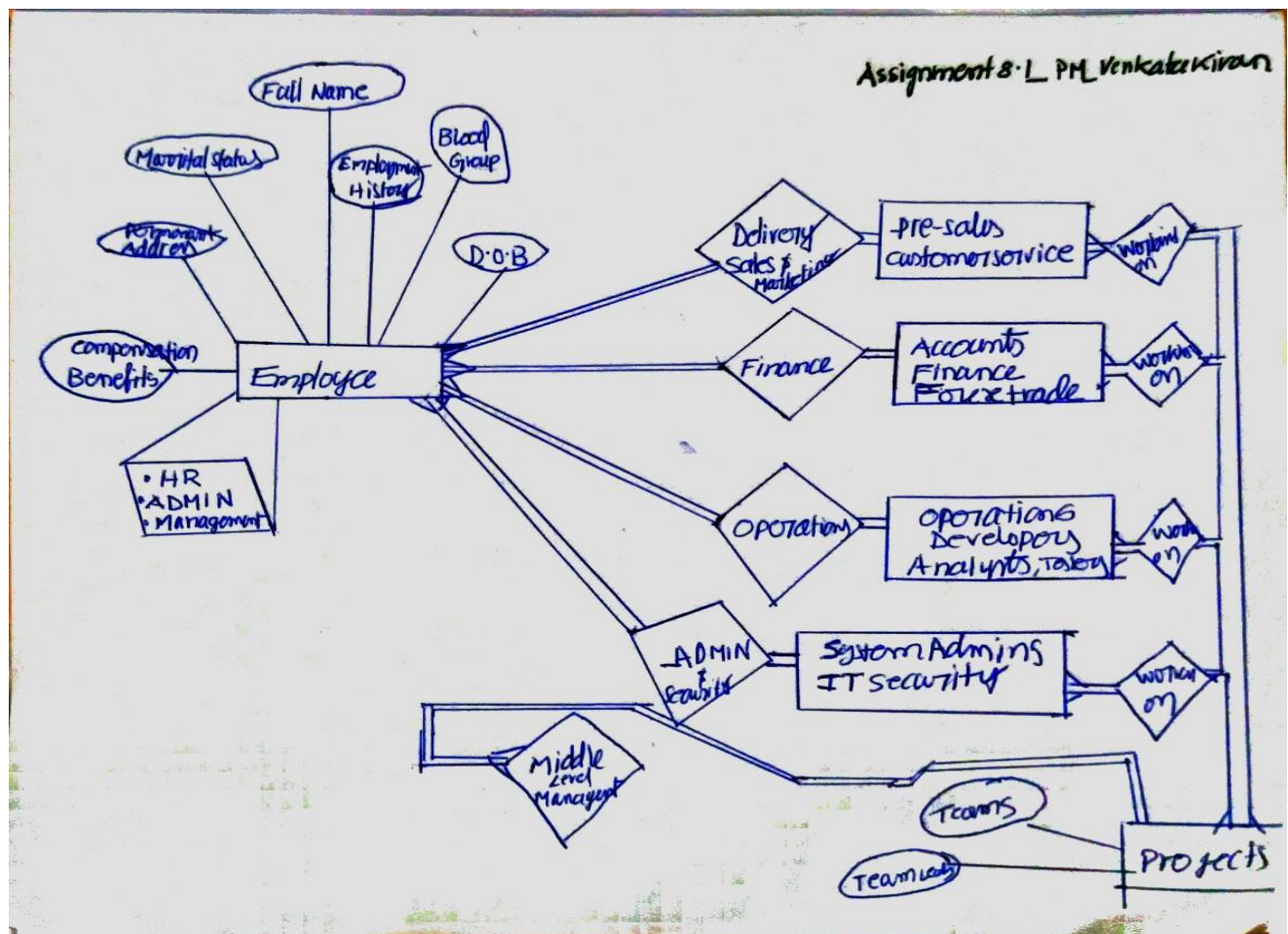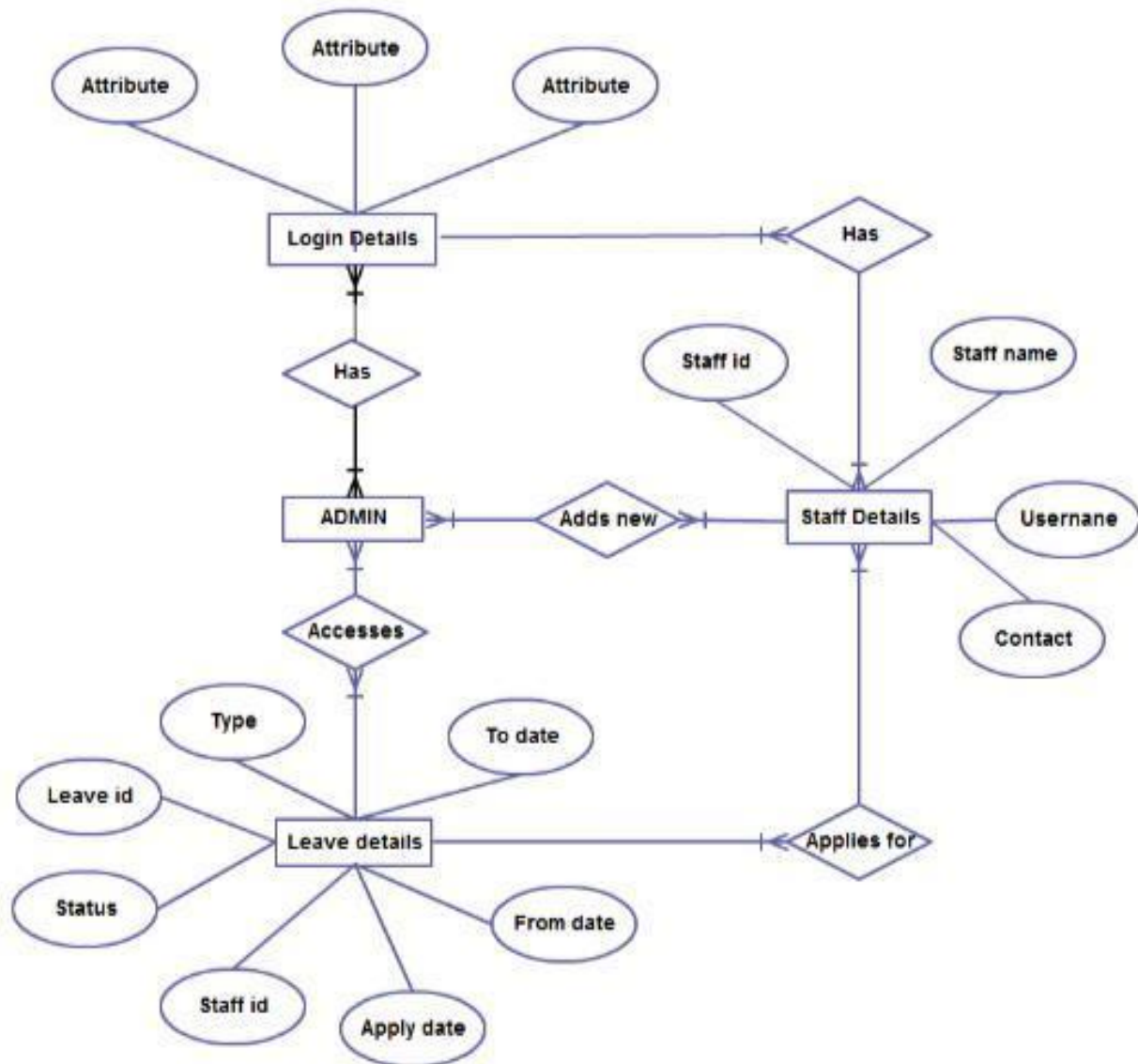1. **When to use (Rapid Application Development) RAD model When not to use (Rapid Application Development) RAD model?**

When to Use RAD Model	When to not to Use RAD Model
If project can be split into modules	If project can not be split into modules
If product needs to be delivered continuously	If product needs to be delivered at end
If sufficient budget is available	If the project cost is less
If quality resources and subject matter expertise are available	If low quality resources are available
If need to complete and deliver in short span	If delivery is not urgent

2. **Define an ER diagram of a software Organization with all the relationship model that was discussed in the classroom?**

3. **Describe the Entity Relationships for the following diagram?**

One to One Relationships:

- Login details consists of several attributes
- Username and contact is assigned to each staff

One to Many Relationships:

- Admin has access to all the leave details
- Admin has access to all the staff details
- If a staff applies for a leave it'll be saved in Leave details
- Admin can add new or edit the staff details
- Leave details consists of type, date, leave id, status, staff id

Many to Many Relationships:

- Login details consists of all the staff details
- Admin dept. has access to all the details ;leave details, login details and staff details