Add/Update Employee Form

Fields:

1. First Name
2. Last Name
3. Middle Name
4. Role (Dropdown – from backend)
5. Designation (Dropdown – from backend)
6. Joining Dt
7. Relieving Dt
8. Email Id
9. Contact Number
10. Gender
11. Address
12. City (Dropdown – from front-end)
13. DOB
14. Education (Dropdown – from backend)
15. Image
16. Username
17. Password

Need an API: GetDataToDisplayUserForm()

Leave Module

Database Fields:

(EmployeeLeaves)

1. Id
2. EmployeeId
3. LeaveType – FK relation with LeaveType (PF, Emergency or LWP)
4. NumOfDays (starting from 0.5 – 15) (Need to verify)
5. StartDate
6. EndDate
7. Reason
8. CreatedDt
9. ModifiedDt
10. CreatedBy
11. ModifiedBy
12. LeaveStatus (Entered, Approved or Rejected)
13. IsDeleted

LeaveType (Table)

1. Id
2. Name
3. DaysPerUnit (For e.g. PL – 12, Emergency – 6, LWP – null)
4. Unit e.g. month, year
5. IsDeleted

Flow of Leave Module

Start - > Use will be able to see his/her leave balance on top with a tabular structure to show number of leaves already applied - > User clicks on Add Leave button - > Leave form with fields LeaveType, NumberOfDays, StartDate, EndDate, Reason will be displayed -> On submit, HR should be able to view it and then approve it -> User will be able to see his/her status in the meanwhile -> On any change in status, an email should be sent to user for updating about status.

APIs to be created:

1. **GetSubmittedLeave** (With submitted leave records to display in tabular structure, the things needed to display leave form should also be returned)
2. **PostNewLeave** for adding a new leave to database
3. **PutSubmittedLeave** for updating a leave until its status is not changed.
4. **DeleteLeaveApplication** for deleting a leave if not needed before its status is changed.

Project Module

Database structure

ProjectDetails table

1. Id
2. Name
3. StartDate
4. EndDate
5. ClientId
6. Technologies
7. Description
8. DateCreated
9. DateModified
10. IsDeleted
11. CreatedBy
12. ModifiedBy

ClientDetails table

1. Id
2. Name
3. Country
4. City
5. Ratings and Reviews
6. IsDeleted

EmployeeProjectXref table

1. Id
2. EmployeeId
3. ProjectId
4. IsDeleted

APIs to be created

1. GetAllProject (To display in tabular structure with necessary things to display Add/Update Project form)
2. PostProjectDetails (Add new project with client information in it)
3. PutProjectDetails (Update project details)
4. DeleteProject (Sets IsDeleted to 0 for logical delete)