

Project - 1 (SE Perspective)

# Leave Management System

Semester 6



CSB20046

Project GUIDE

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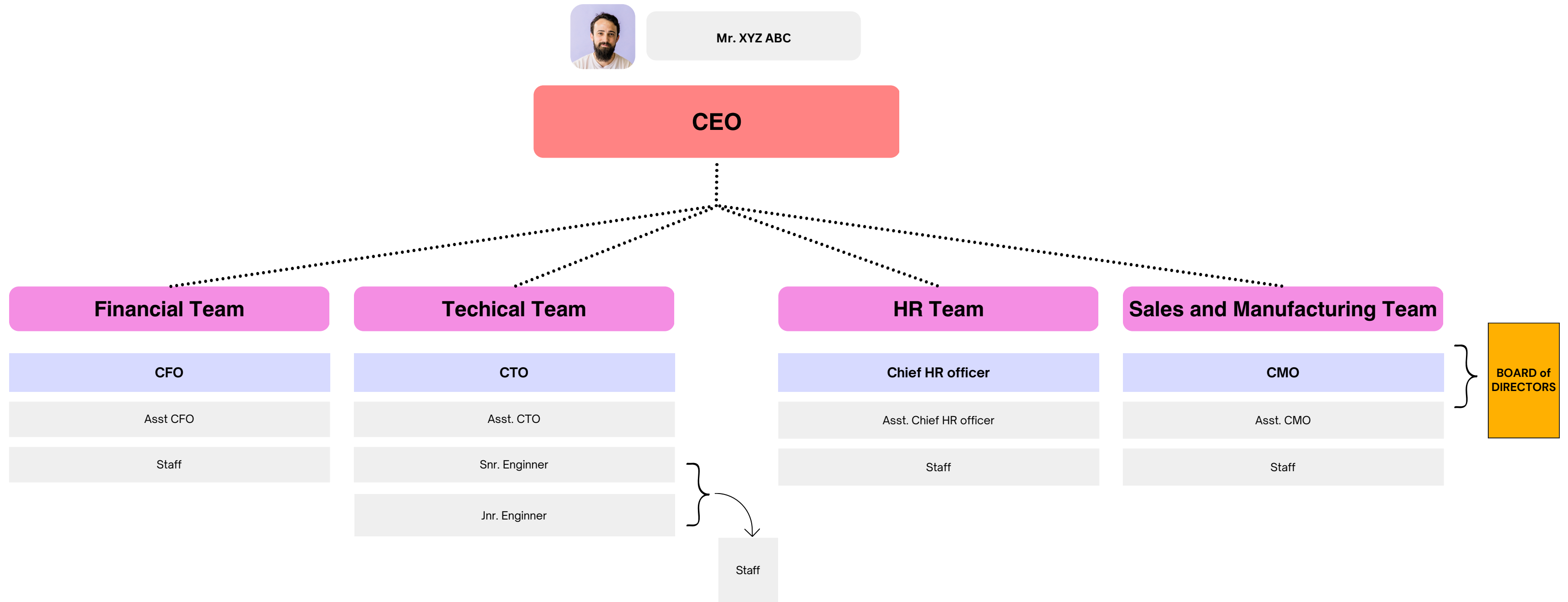
# Project Description

The requirement is to make the application for the organization where employees can easily apply and manage leave applications.

The application will be a web application using the following tech. stack :-

- HTML, CSS(Bootstrap), JS
- React
- Node JS - (Express JS)
- MongoDB

# Organizational Structure



# FEATURES

## Staff

- Login to Account : -
  - a. Check Name and Personal Details
  - b. Department
  - c. Designation in Office
- Check the no. of Paid Holidays Left.
- Apply for leave
  - a. Mention reason for leave
  - b. attach any document (if any)
- Check own Leave Application status.
- HR dept staff can watch no. of employees on leave in each dept.

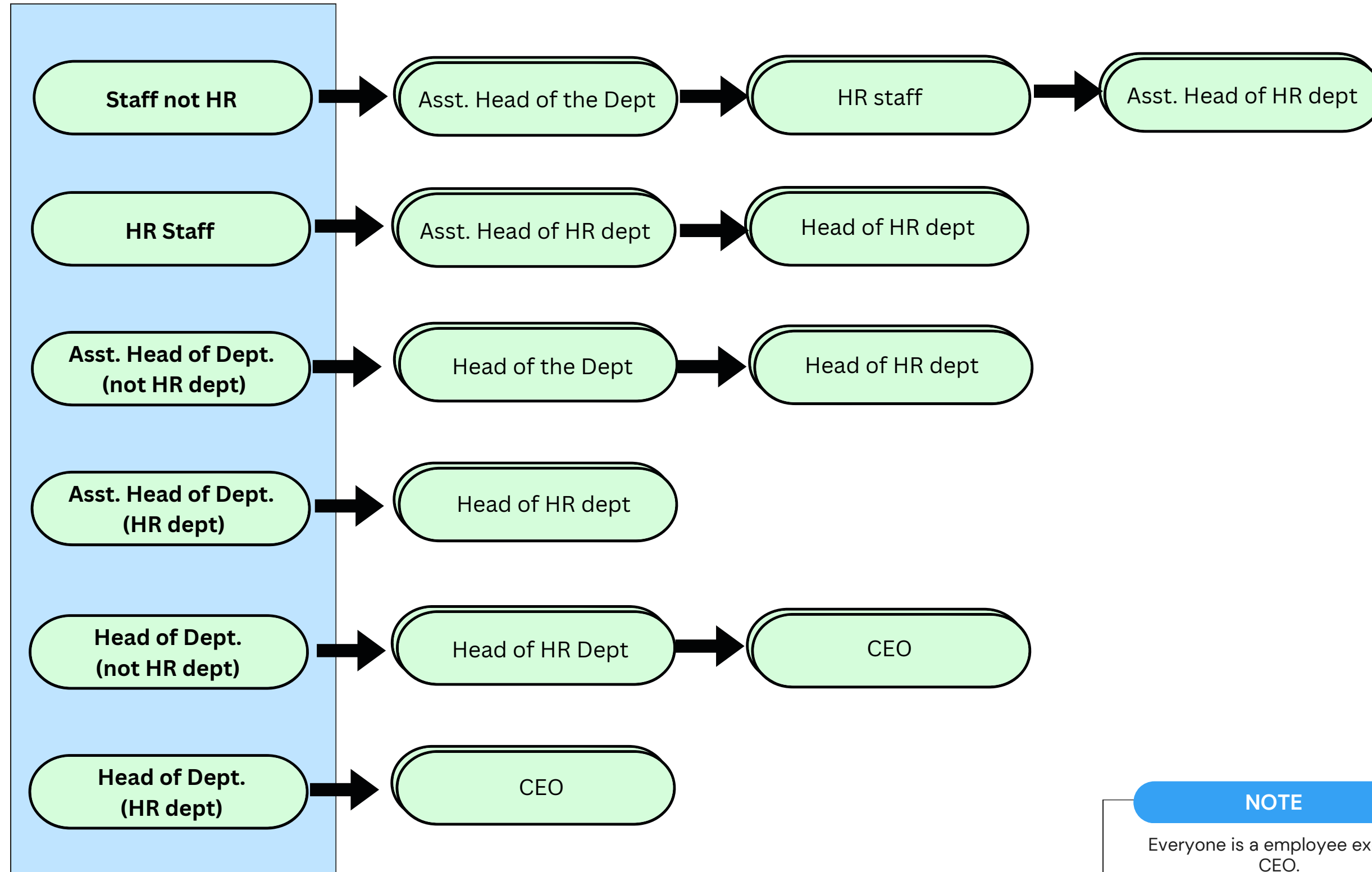
## Heads and Asst. Heads

- Login to your Account : -
  - a. Check your Name and Personal Details
  - b. Department
  - c. Designation in Office
- Check the no. of Paid Holidays Left.
- Apply for leave
  - a. Mention reason for leave
  - b. Attach any document (if any)
- Check own Leave Application status.
- Check no. of employees on leave in their Department. If Chief HR officer then for other dept. too.
- Check the Leave Application of the Department staff members and can accept or reject it. If of HR dept. then for other dept. staff members too.
- The HR dept. Chief can watch no. of employees on leave in each dept.

## CEO

- Login to your Account : -
  - a. Check your Name and Personal Details
  - b. Department
  - c. Designation in Office
- Check for no. of Employees on leave in Each dept.
- Accept and reject leave for any member of Board of directors.
- Add/remove any employee

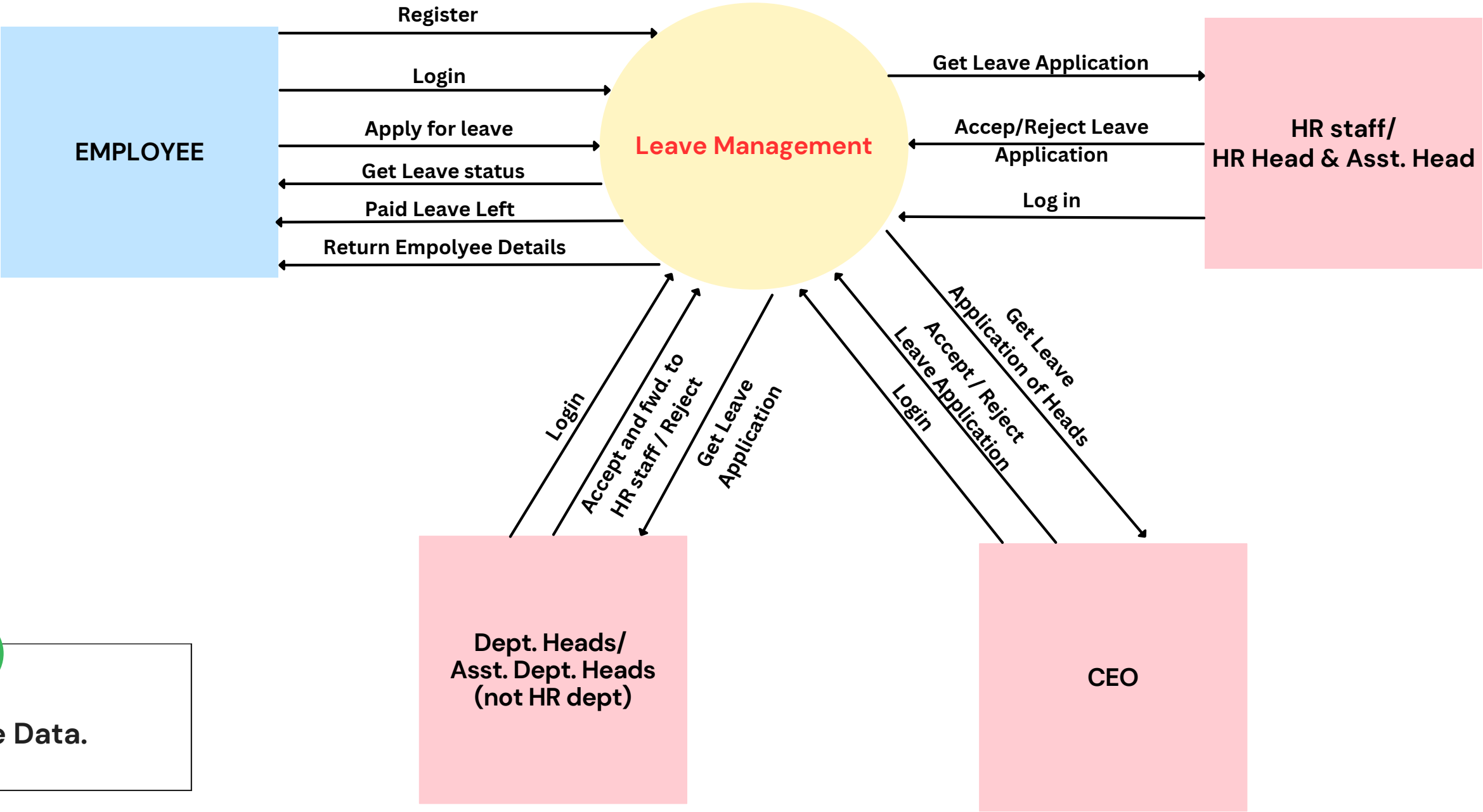
# FLOW



## NOTE

Everyone is a employee except CEO.

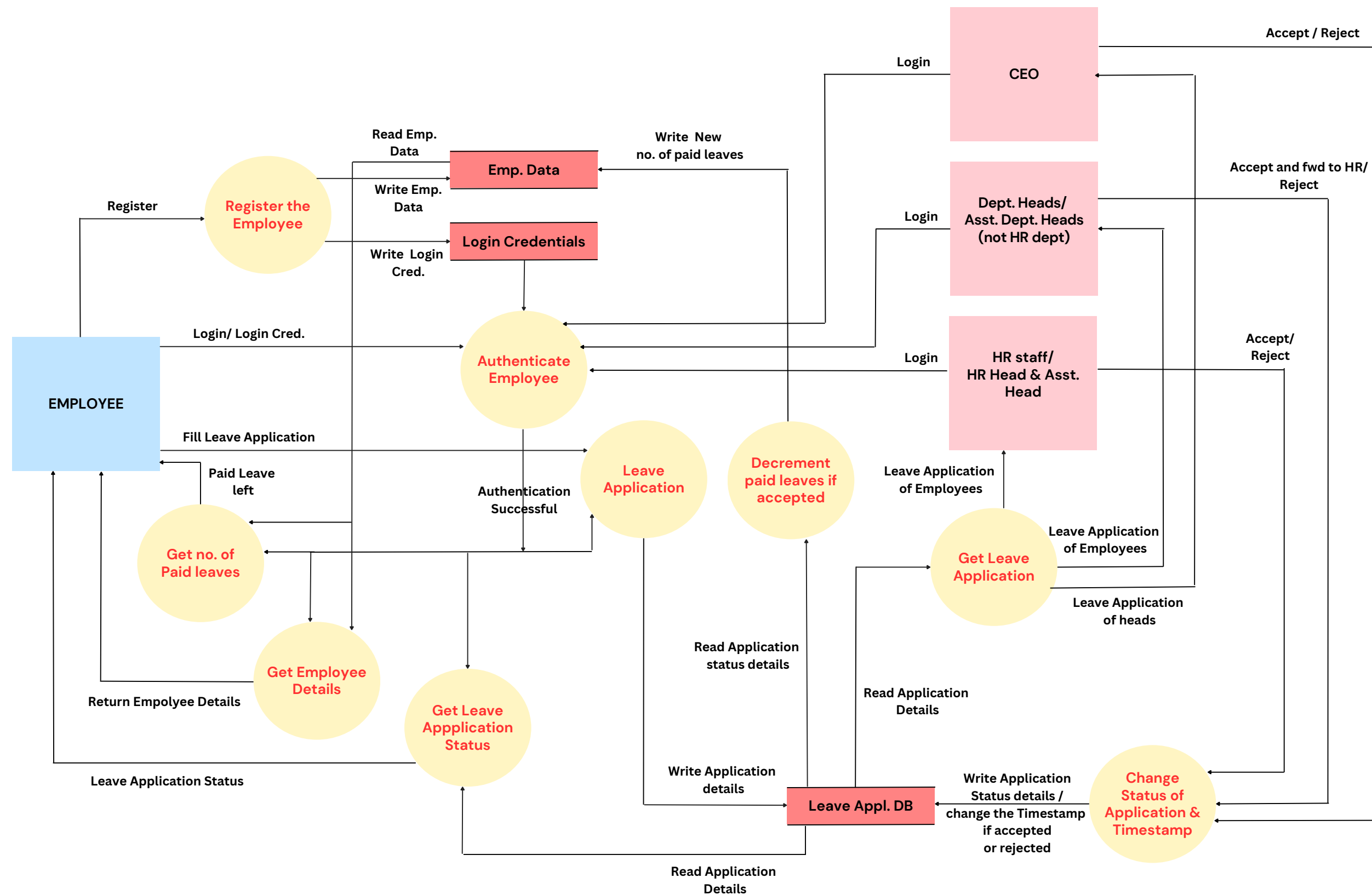
# Data Flow Diagram



LEVEL - 0

The Basic Layout of the flow Software Data.

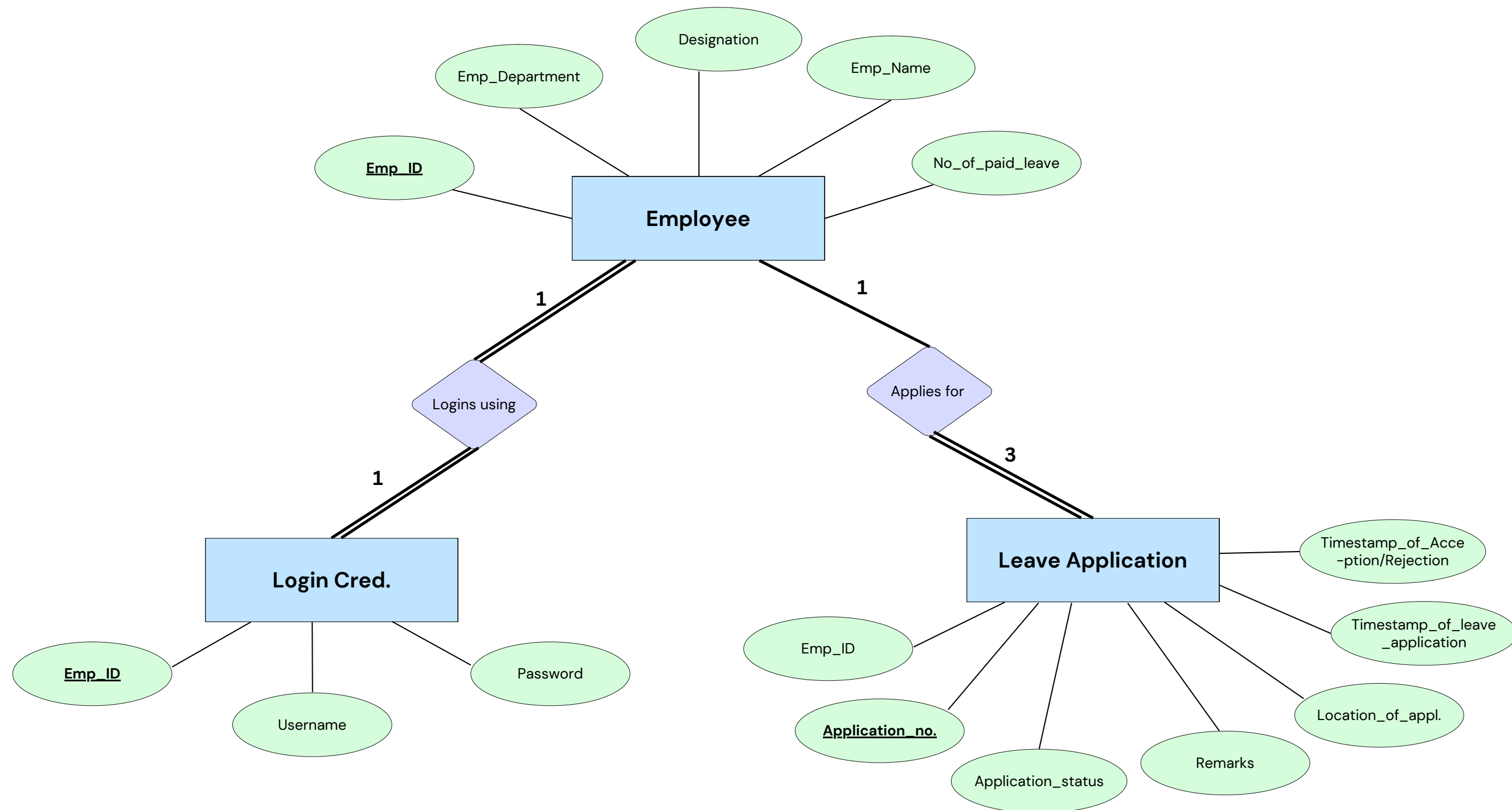




LEVEL - 1

Detailed explained with more Process and Inclusion of Data Stores

# ER - Diagram





# Agile Approach

The Project is subject to change if any additional features could be added at the later stage , if time permits.

The additional features could be :-

- Office Calendar
- Registration verification by the Heads of departments
- Heads can add or remove employees. etc.