

VX Leave Management System



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Introduction

This system is for manage the leaves in the Vizumatix (pvt) ltd.

Already there is a system for this. But there are some faults in that system

- Not calculate the rest number of leaves according to joining date.
- Can't request leave in one and half day from one application.
- Show same total leave count for everyone.
- Not inform to employees who assign for duties of leaved employees.

Therefore, there should be a system to achieve these tasks.

Requirement Specification

User roles

1. Admin
2. Supervisor
3. Employee

Functional Requirements

1. User Login
2. CRUD Employee by admin
3. Request the leaves by employee
4. View/ Approve/ Update/ Delete leave request of own employees by supervisor
5. View/ Approve/ Update/ Delete leave request of all employees by admin
6. If request leave that should send as an email to supervisor and admin.

Functional Requirements

1. Security
2. Accuracy
3. Speed
4. Portability
5. Recoverability
6. Maintainability

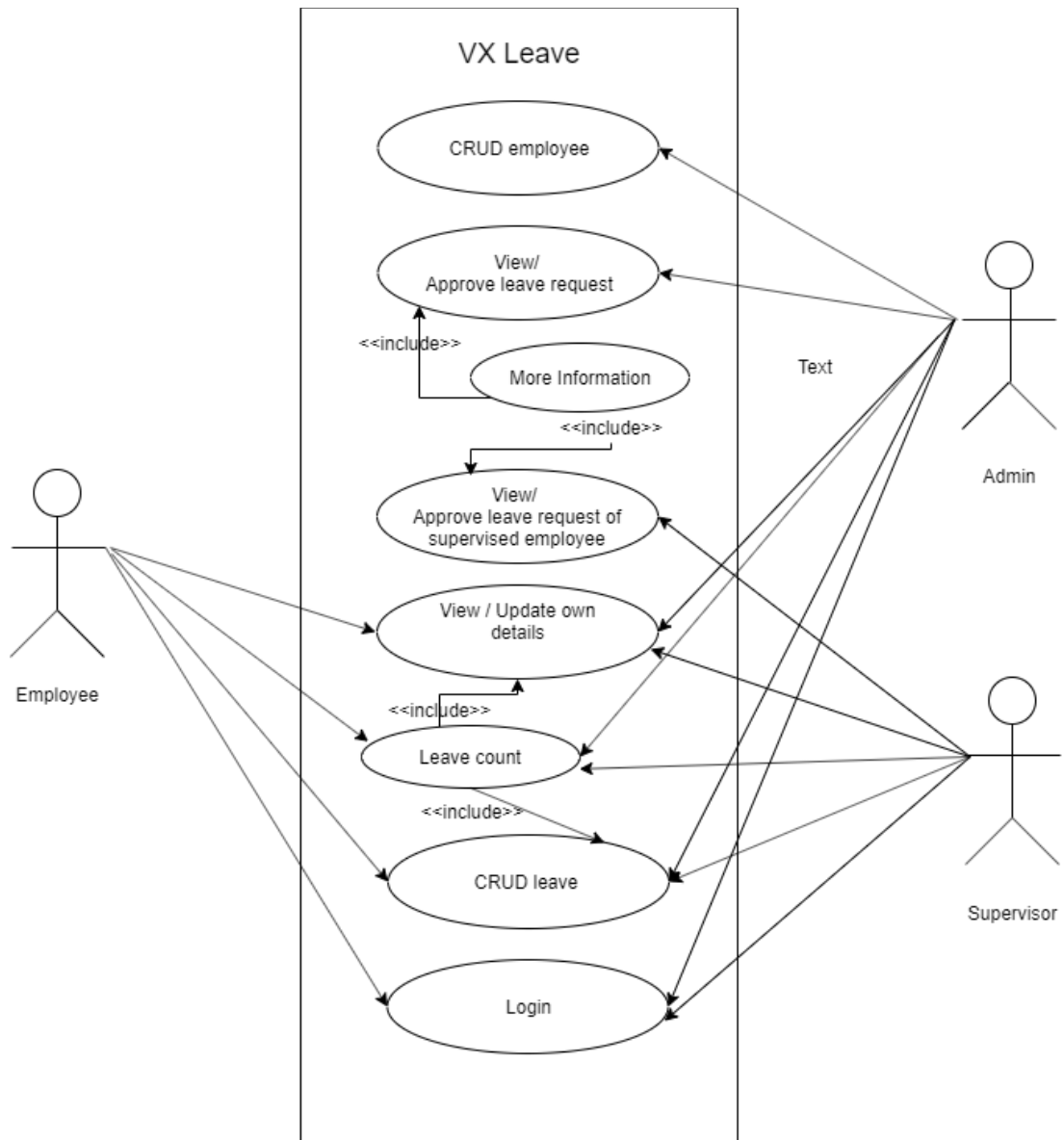
Limitations

1. This is only for manage the leaves of employee in the company.
2. There are no financial things.
3. View others details only for supervisors and admin.

Tables

- calender(id, date, reason, created_by, created_at)
- contact(contact_id, name, contact, relation, user_id)
- department(id, name)
- leave_count(id, annual, casual, medical, lieu, special, maternity, paternity, short, coverup, nopay)
- leave_request(id, emp_id, leave_type, start_date, end_date, number_of_dates, duties_cover, special_notes)
- leave_types(id, type, count)
- lieu_leaves(id, date, period, project, works_done, is_approved, request_at, employee, approved_at, approved_by)
- role(id, name)
- users(emp_id, first_name, second_name, initials, gender, email, residence, contact, role, department, supervior1, supervisor2, join_date, confirm_date, password, image)

Use Case Diagram



High Level Architecture

