Software Requirement Specifications

## Problem Statement

Employee Termination: Removing employee details from various HR systems post last working day of employee once the resignation is accepted in the system. The BOT should start making necessary changes in relevant HR systems by preparing flags to take effect post the last working day of the employee eliminating dependency on HR agents to do this manually.

## Objective

Application to help HR admins and employees navigate the termination process. Automates tedious HR tasks. Provides an easy to use point-and-click system.

## Users

HR admins and employees who have resigned or have been terminated.

**Assumptions:** Employee database containing regular and HR employees.

## Functional Requirements

1. Common:
   1. Login
2. HR:
   1. Approve resignation – Based on the tickets , Set termination date
   2. View all resignations
   3. Records for non-employees
3. Employee:
   1. Raise Ticket for Resignation
   2. View resignation status
   3. Reports

## Non-functional Requirements

1. Responsive UI.
2. Mobile First Design
3. Hashing and Salting of passwords.

Backend

Models

1. Employee
   1. ID
   2. Name
   3. Designation
   4. Status
   5. Password
   6. Joining Date
   7. End Date

**Note:** Status changes on resignation acceptance. Record gets deleted after End date.

1. Resignation
   1. ID
   2. Status
   3. Employee ID
   4. End Date

Services

1. Common
   1. Login
2. Employee
   1. Create resignation
   2. Update resignation
3. HR:
   1. Accept a resignation
   2. Create a resignation
   3. Update resignation
4. Bot:
   1. Delete an employee

Frontend

1. Login
2. Employee Dashboard
3. HR Dashboard