

Requirement Analysis

1. Employees

1.1 Description and Priority

- Enables the employees to register or log into the system
- Create a profile for each employee.
- Create a timeline of employee's monthly salary, performance and allowance.

1.2 Functional Requirements

FR- 1.1: The System landing homepage will have the company's clickable logo along with the taglines as well.

FR-1.2: The System will allow the employee to login to the dashboard.

FR-1.3: In dashboard admin will check the information about the employees i.e., monthly salary, performance, allowance, day offs etc.

FR-1.4: Employees can login with unique mail/user name and password.

FR-1.5: Employees can only check his database

1.3 Non-Functional Requirements

Operational: NFR-1.1: Employees should have a valid mail address or valid phone number and password.

Operational: NFR-1.2: User Interface should be colorful and eye catching.

Operational: NFR-1.3: Software will send notification to employees every month about their monthly progress

Performance: NFR-1.4: Employees can access the system anytime.

Performance: Server will update the employee data in every 12 hours.

Security: No employees can each other's profile.

Culture & Political: It should be worked well in mid performance computer.

2. System Admins

2.1 Description and Priority

- Enables the employees to register or log into the system.
- Create a separate interface to register/login system for the engineers and staff.

2.2 Functional Requirements

FR- 2.1: Admins can login with email/username and password.

FR- 2.2: Admins will get notifications on new customers and new employee's registrations.

FR- 2.3: Admins will be able to view, search, add and delete new employees.

FR-2.4: Day off request will be approved by system admins.

2.3 Non-Functional Requirements

Operational: NFR 2.1. Admins should use a valid email and password.

Security: NFR 2.2. Secure access to admin employee's confidential data.

Performance: NFR 2.3. The system should accommodate a high number of engineers and staff without any fault.

Security: NFR 2.4. No one but the admins will be able to see the employee's confidential information.

Performance: Server will update the employee data in every 10 minutes.

Cultural: Day off according to employee's religion should be granted

3. Employee Management

3.1 Description and Priority

- Create a described profile for each employee.
- ADD enough contact information of employees.
- ADD specific address of the employees with Google map location.

3.2 Functional Requirements

FR-3.1: Employee management staff can login with email and a unique password.

FR-3.2: Employee management staff will get a notification on new employee and their requests.

FR-3.3: Employee management can add, delete and search employees.

FR-3.4: Employee management can update the description of employees.

3.3 Non-Functional Requirements

NFR-3.1: Every employee will have a unique user ID.

NFR-3.2: Every employee will receive a rating from each team leader.

NFR-3.3: Employees cannot cancel a day off without notifying the system Admins.

Security:

1. Data integrity should be maintained if an error occurs or the whole system comes down.
2. The employees should be able to change their passwords for increased security.
3. If an employee wants to cancel any day off then he/she will have to cancel it at least 3 days earlier.
4. Employees would not get access to any kind of confidential information about another employees.
5. There should be no limitation about the hardware platform that is to be used to run the system.