**Staff management System**

# Functional Requirements

Functional requirements describe the specific features and functionalities that the staff management system must have to meet the needs of its users. These requirements typically cover areas such as staff information management, time and attendance tracking. For example, the system should be able to store and manage all staff information, track staff time and attendance, and provide tools for managing Staff performance.

* Create and manage staff schedules.

The system ought to be able to browse and control plans. Schedules should be able to be changed, removed, and copied using the system.

Any time a staff member's timetable is changed, the system should let them know.

* Ability to track staff attendance and absences.

The system ought to be able to keep track of the staff members' attendance information, including their entrance and departure times as well as any breaks or leave requests.

* Ability to view and update staff information, such as contact details and job titles.

Users with the proper permissions should be able to view and edit staff information in the system, and that information should include contact information like phone numbers, email addresses, and work titles.

# Non-Functional Requirements

The characteristics of the staff management system that describe how it should work, such as its dependability, usability, security, and scalability, are referred to as non-functional requirements. These specifications guarantee the system's ability to effectively and efficiently cater to the demands of its users. For instance, the system needs to be user-friendly, dependable, secure, and capable of handling increasing volumes of users and data without sacrificing efficiency.

* Usability

How simple it is for users to use and operate the staff management system is referred to as usability. The system should have a straightforward interface, be easy to use, and require little training

* Performance

The ability of a system to achieve specific performance standards or objectives, such as reaction time, throughput, or scalability, is referred to as performance, which is a non-functional requirement.

* Security

How well the system is guarded against unauthorized entry and data breaches is referred to as security. To guarantee that employee data is safe, the system should have strong encryption and multi-factor authentication.

# Technical Requirements

Technical requirements describe the underlying technology and infrastructure needed to support the staff management system. These requirements typically cover areas such as the database, platform, integration, and mobile access.

* Database

The Staff management system should use a particular form of database management system, according to the database requirement. A relational database management system, for example, should be used because it is scalable, private, and reliable

* Fingerprint Reader

A scanner used to identify a person's fingerprint for security purposes. After a sample is taken, access to a computer or other system is granted if the fingerprint matches the stored sample.

* Integration

# Users of the features and their CRUD Operations

Users: Staff, managers, Staff Operations:

* Create, Read, Update, Delete (CRUD) Records for staffs that include personal data, contact information, staff history, job titles, pay information, and produce reports
* Create, Read, Update, Delete (CRUD) Records of staff time and attendance, including clocking in and out, requesting time off, and recording sick leave.
* Create, Read, Update, Delete (CRUD)Records related to staff performance, including performance appraisals, goal setting, performance metrics, and feedback.