

*Diagram Design on*

# ***“Garments Employee Management System”***



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## **Agile Scrum Methodology**

The type of process model used in a Garments Employee Management System can vary depending on the organization's preferences and the specific needs of the project. However, one commonly used approach for software development projects is the iterative and incremental model, often associated with Agile methodologies.

In an iterative and incremental model, the development process is divided into multiple iterations or sprints. Each iteration involves a set of planned activities, including requirements gathering, design, development, testing, and deployment. At the end of each iteration, a working increment of the system is produced, allowing for feedback and adjustments.

Agile methodologies such as Scrum or Kanban are popular choices within the iterative and incremental model. Scrum involves organizing work into short iterations called sprints, while Kanban focuses on visualizing the workflow and limiting work in progress.

These methodologies offer flexibility, adaptability, and continuous improvement throughout the development process. They prioritize collaboration, frequent communication, and responding to changing requirements.

It's important to note that without specific information about the organization's development practices or the Garments Employee Management System's project details, it's difficult to determine the exact process model being used. The choice of process model ultimately depends on the organization's preferences and the project's specific requirements and constraints.

## User Stories and Relevant UI:

As an admin of the Garments Employee Management System, I want to efficiently manage employee information and related data to streamline operations and enhance productivity.

### User Story: Registration & Login

As an admin, I want to have my own registration & log in module for security purpose.

The image displays two side-by-side form mockups. The left form, titled 'Admin Registration', features a green header bar. Below it, there are four input fields labeled 'Admin ID', 'Phone Number', 'Email', and 'PASSWORD:'. A link 'Forgot Username/Password' is positioned below the password field. At the bottom, there are two green buttons: 'Clear' and 'Sign Up'. The right form, titled 'Login Here', also has a green header bar. It contains two input fields labeled 'USER NAME:' and 'PASSWORD:'. A 'Forgot Username/Password' link is located below the password field. A single green button labeled 'LOG IN' is at the bottom.

### User Story: Employee Information Management

As an admin, I want to be able to add, view, edit, and delete employee records in the system. This includes capturing details such as employee ID, name, contact information, and employment status.

The image shows a form titled 'Add New Employee' with a light green header bar. The form has a dark red background. It contains several input fields with yellow labels: 'First Name:', 'Last Name:', 'DOB:', 'NID:', 'Address:', 'Phone No:', 'Gender:', 'Mobile Bank Account:', and 'Banking Account:'. At the bottom, there are three buttons: 'CANCEL', 'CREATE', and 'Employee List'. An 'Update' button is also visible at the bottom center.



## Add New Employee

First Name:	<input type="text"/>	Gender:	<input type="text"/>
Last Name:	<input type="text"/>	Mobile Bank Account:	<input type="text"/>
DOB:	<input type="text"/>	Banking Account:	<input type="text"/>
NID:	<input type="text"/>		
Address:	<input type="text"/>		
Phone No:	<input type="text"/>		

**Created Successfully**

[CANCEL](#)

[CREATE](#)

[Employee List](#)

[Update](#)

Employee Update

Search:

Employee Id:

Address:

First Name:

Phone Number:

Last Name:

Gender:

DOB:

M.B. Account:

NID:

Bank Account:

Update

Insert

EMPLOYEE UPDATE										
EMPLOYEE ID	FIRST NAME	LAST NAME	DOB	NID	ADDRESS	PHONE NUMBER	GENDER	M.B ACC	BANK ACC	

Employee Update

Search:

Employee Id:

Address:

First Name:

Phone Number:

Last Name:

Gender:

DOB:

M.B. Account:

NID:

Bank Account:

Update

Insert

EMPLOYEE UPDATE										
EMPLOYEE ID	FIRST NAME	LAST NAME	DOB	NID	ADDRESS	PHONE NUMBER	GENDER	M.B ACC	BANK ACC	

Employee Update

Search:

Employee Id:

Address:

First Name:

Phone Number:

Last Name:

Gender:

DOB:

M.B. Account:

NID:

Bank Account:

Update

Insert

EMPLOYEE UPDATE										
EMPLOYEE ID	FIRST NAME	LAST NAME	DOB	NID	ADDRESS	PHONE NUMBER	GENDER	M.B ACC	BANK ACC	

## User Story: Salary Management

As an admin, I want to manage employee salaries effectively. This includes the ability to set and update salary details for each employee, such as the basic salary,

overtime rates, and any additional allowances or deductions. I also want to be able to generate salary reports and track payment history.



[illegible]

As an admin, I want to maintain a comprehensive job history for each employee. This includes recording information such as job titles, promotion dates, and any transfers between departments. I want to be able to access this information easily and generate reports to analyze employee career progression within the organization.

[illegible]





ATTENDANCE PANEL

Search:

Entry Date:

Entry Month:

Entry Year:

Entry Time:

Exit Time:

Employee ID:

Over Time:

Updated Successfully

ENTRY DATE	ENTRY MONTH	ENTRY YEAR	ENTRY TIME	EXIT TIME	EMPLOYEE ID	OVER TIME

Update

Insert

ATTENDANCE PANEL

Search:

Entry Date:

Entry Month:

Entry Year:

Entry Time:

Exit Time:

Employee ID:

Over Time:

Inserted Successfully

ENTRY DATE	ENTRY MONTH	ENTRY YEAR	ENTRY TIME	EXIT TIME	EMPLOYEE ID	OVER TIME

Update

Insert

## User Story: Leave Management

As an admin, I want to handle employee leave requests efficiently. This includes receiving and approving leave applications, tracking leave balances, and maintaining a leave calendar.

Leave

Search:

Leave ID:

Leave Status:

Leave From:

Leave From:

Employee ID:

Leave Reason:

LEAVE UPDATE

LEAVE ID	LEAVE STATUS	LEAVE FROM	LEAVE TO	EMPLOYEE ID	LEAVE REASON

Update

Insert

Leave

Search:

Leave ID:

Leave Status:

Leave From:

Leave From:

Employee ID:

Leave Reason:

LEAVE UPDATE

LEAVE ID	LEAVE STATUS	LEAVE FROM	LEAVE TO	EMPLOYEE ID	LEAVE REASON

Update Successfully

Update

Insert

Leave

Search:

Leave ID:

Leave Status:

Leave From:

Leave From:

Employee ID:

Leave Reason:

LEAVE UPDATE

LEAVE ID	LEAVE STATUS	LEAVE FROM	LEAVE TO	EMPLOYEE ID	LEAVE REASON

Inserted Successfully

Update

Insert

## User Story: Department Management

As an admin, I want to manage different departments within the organization. This includes creating, editing, and deleting department records, as well as assigning employees to specific departments. I need to be able to view department-wise employee lists and generate reports .

Department

Search:

Department ID:

Designation:

Title:

Employee ID:

Admin ID:

Employee ID:

DEPARTMENT

DEPARTMENT ID	DESIGNATION	TITLE	EMPLOYEE ID	ADMIN ID	

Update

Insert




Department

Search:

Department ID:   
 Designation:   
 Title:   
 Employee ID:   
 Admin ID:   
 Employee ID:

Update

Insert

DEPARTMENT					
DEPARTMENT ID	DESIGNATION	TITLE	EMPLOYEE ID	ADMIN ID	

Update Successfully




Department

Search:

Department ID:   
 Designation:   
 Title:   
 Employee ID:   
 Admin ID:   
 Employee ID:

Update

Insert

DEPARTMENT					
DEPARTMENT ID	DESIGNATION	TITLE	EMPLOYEE ID	ADMIN ID	

Inserted Successfully

These user stories aim to capture the main functionalities and requirements of the Garments Employee Management System. They focus on the key aspects of employee information, salary management, job history tracking, attendance management, leave management, and department management to ensure efficient administration and enhanced organizational operations.