

# C

Chapter-1  
Introduction

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### 1.1 Existing System

- A Human Resources Management System (HRMS) is a type of information system (IS) that is designed to manage an organization's computerized and automated human resource (HR) processes.
- It is a combination of hardware and software resources that hosts and provides most, if not all, of a HR department's business logic.

### 1.2 Need for the New System

- HRMS provides human resource professionals with opportunities to enhance their contribution to the strategic direction of the firm. First, by automating and devolving many routine human resource task to the line management, HRMS provides human resource professionals with the time needed to direct their attention towards more business-critical and strategic level tasks, such as leadership development and talent management.

### 1.3 Objective of the New System

- The major objective of the system is HR can easily maintain all information of the Employee and also Employee can see all the data related it.

### 1.4 Problem Definition

- HR leaders and staff are the primary users, given that they run day-to-day workforce operations and are responsible for compliance and performance reporting. However, HR isn't the only department that benefits. Companies can empower managers and employees with self-service for common tasks an important selling point for younger hires. Executives can use an HRMS to generate data on workforce trends and their business implications

## 1.5 Core Components

- Admin: The main administrator can do configure, update, delete employee data.
- Interfaces of the system: The base interface of the system is the login page where a user can login the system. After the login is done, user can see the personal data.
- Hardware: The project is not dependent on any hardware constraint.
- Software: Windows 10+ or Google chrome or any other web browser, Angular JS, MVC, web api, java script, Bootstrap, CSS, HTML.
- Communication Interface: A good web browser with internet facilities and a minimum internet speed of 1 MBPS
- Product Functions: The system uses login of users. The admin can access data and records.

## 1.6 Project Profile

| Project Title    | HRMS   |
|------------------|--|
| Technology Used  | <b>Angular 15</b><br><b>.Net MVC</b><br><b>Ionic</b>   |
| Project Guide    | <b>Prof. Rashmi Chouhan</b>  |
| Team Members     | <b>5</b>   |
| Developed By     | <b>Nandani Borse (ET21MTCA007)</b><br><b>Urvashi Borse (ET21MTCA008)</b><br><b>Gosiya Khan (ET21MTCA037)</b><br><b>Dharmin Prajapati (ET21MTCA074)</b><br><b>Anjali Shimpi (ET21MTCA093)</b> |
| Software Used    | <b>Microsoft Visual Studio, SQL Server Management Studio<br/>Management Studio 19,Figma</b>  |
| Operating System | <b>Windows 10+</b>   |

## 1.7 Assumption and Constraints

- This system is going to be used by ASK E-Square Business Solutions Pvt. Ltd.

## 1.8 Advantages and Limitations of the Proposed System

- **Advantages:** -

- ✓ HRMS System Provide an effective way to manage employees.
- ✓ Manage Attendance of all the employees with face recognition and also store its location which implement in phone.
- ✓ Manage Payroll system which contain Appraisal, Loan Management, Pay slip functionality.
- ✓ Employee can see its profile and also its Attendance in App.
- ✓ Employee also can download its Pay slip.
- ✓ Employee also can download Reports like Employee Report, Pay slip etc.
- ✓ Employee also can download Document like Joining letter and offer later etc.

- **Limitations:** -

- ✓ Internet connection is required.

## Chapter-2

Requirement Determination & Analysis

## 2.1 Requirement Determination

- To develop any application, it is important to identify the user requirements therefore it is very important to analyze the existing application.
- During analysis, initially, I started with studying the web with specification documents to understand the system and refer to an existing system. I started to collect the basic requirements of the web. During the discussion of the system, we had questions and answers in between the discussion, which helps us to clear the idea about the system. I met our project guide with basic details.
- By discussion I were able to get a lot of important information for the proposed web. I observed that output the personnel give to their existing application and what kind of output they are getting.
- The new web is proposed to organize all the above activities so the work becomes easy and any person can operate the app easily

## 2.2 Targeted Users

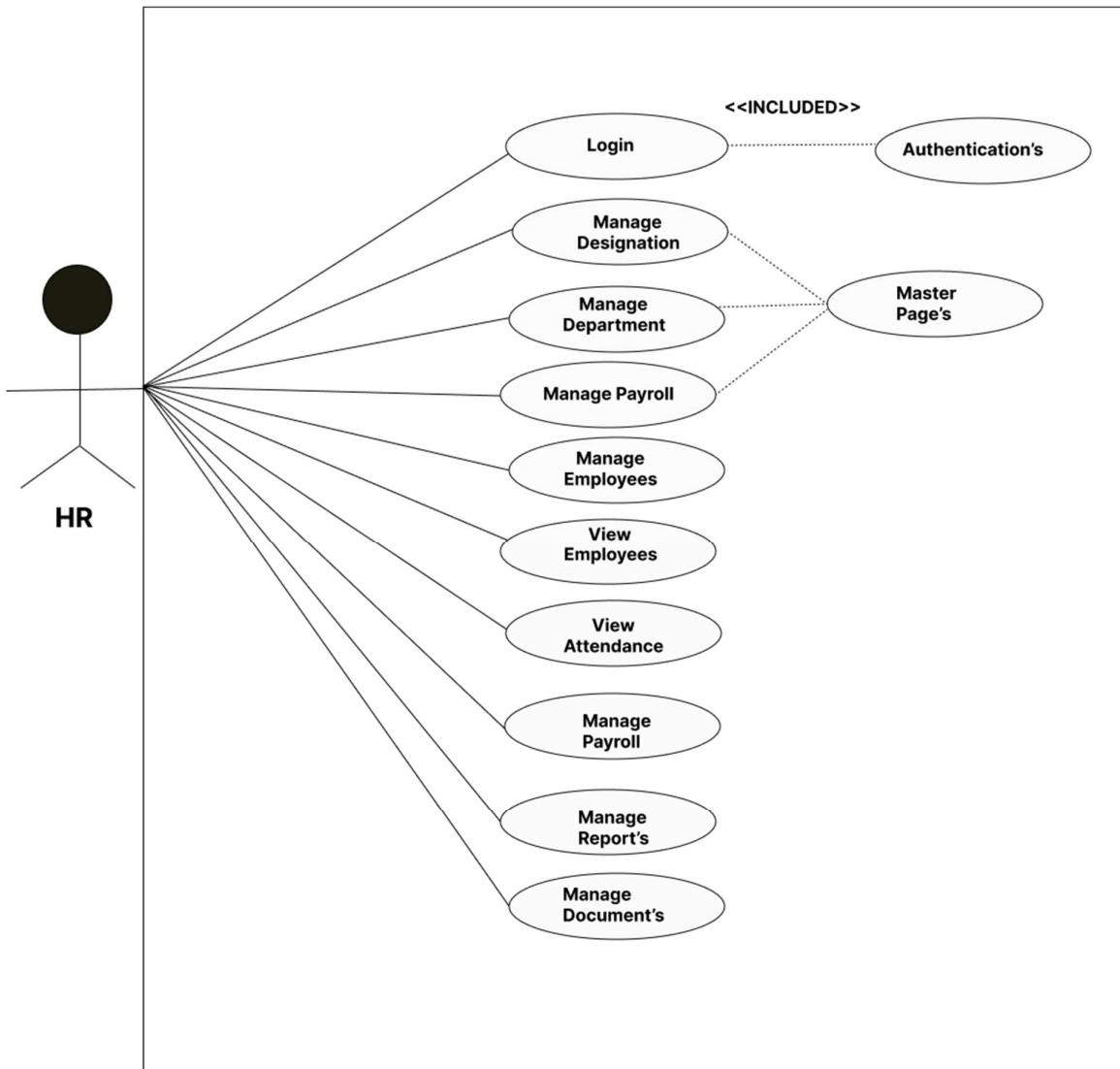
- **HR(Admin)**
  - ✓ Manage Login
  - ✓ Manage Employee
  - ✓ Manage Dashboard
  - ✓ Manage Employee Data
  - ✓ View Employee Attendance
  - ✓ Manage Employee Salary Details
- **Employee**
  - ✓ View Own Profile
  - ✓ View Own Attendance
  - ✓ Manage Own Attendance
  - ✓ View Own Salary Details

# C

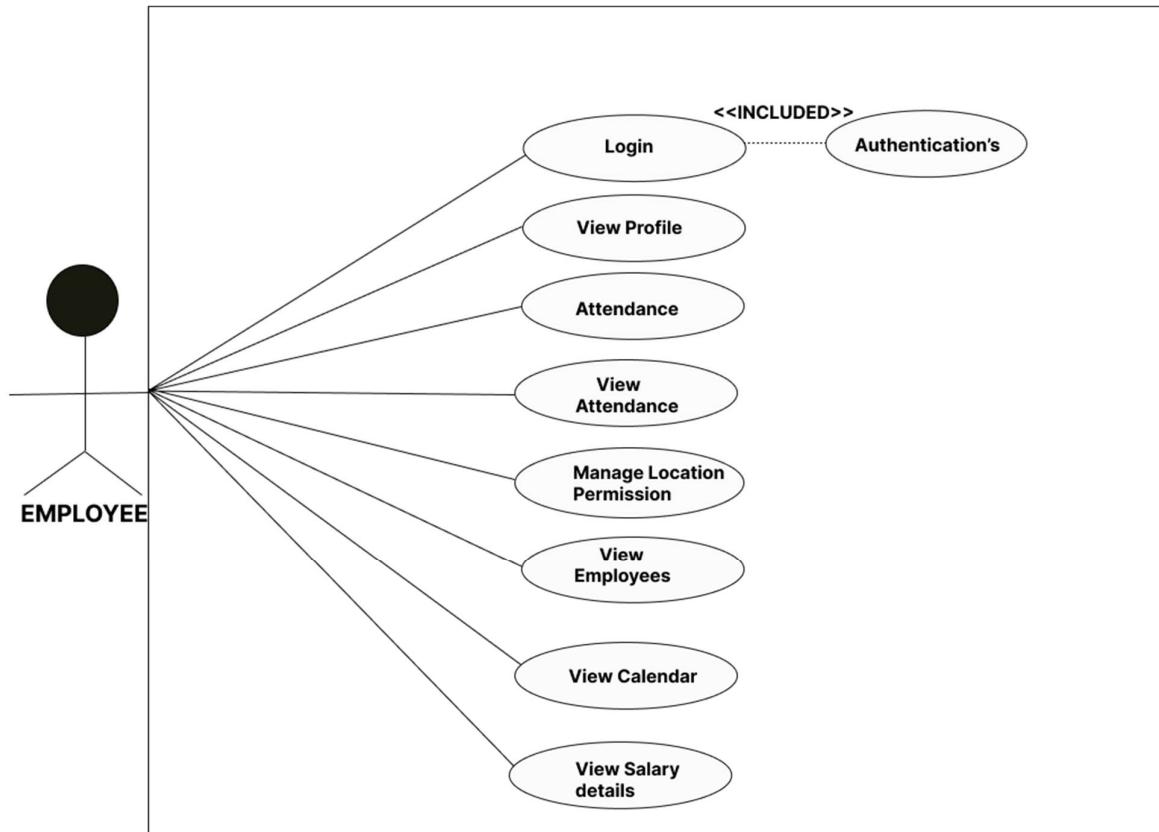
Chapter-3  
System Design

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### 3.1 Use Case Diagram

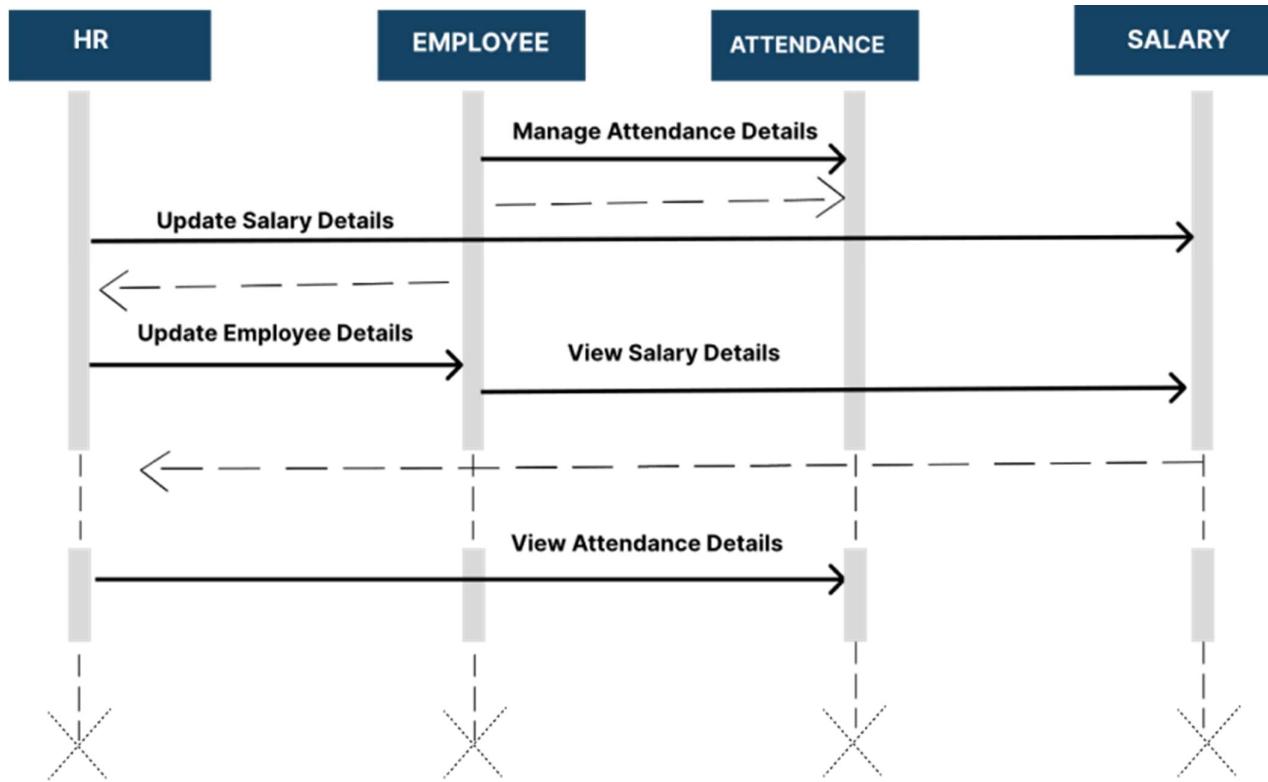


[Figure: 3.1.1 Use Case Diagram for HR( Admin)]

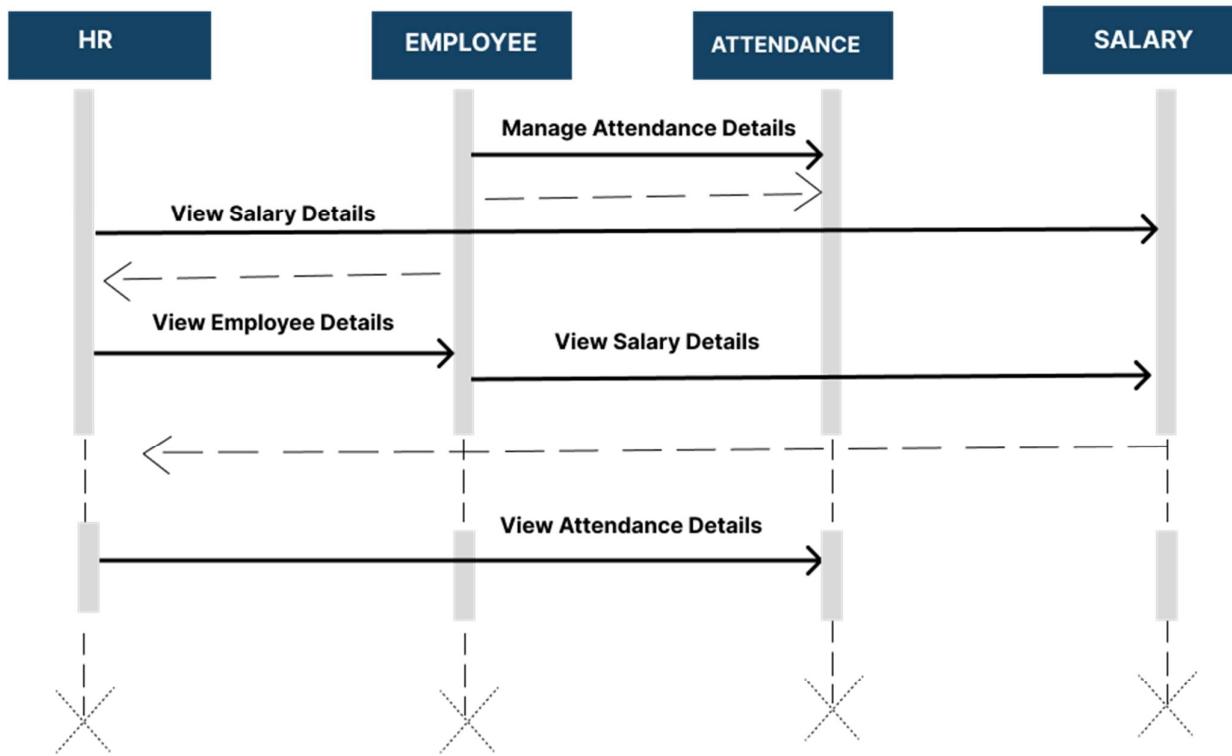


[Figure: 3.1.2 Use Case Diagram for Employee (Application)]

### 3.2 Sequence Diagram

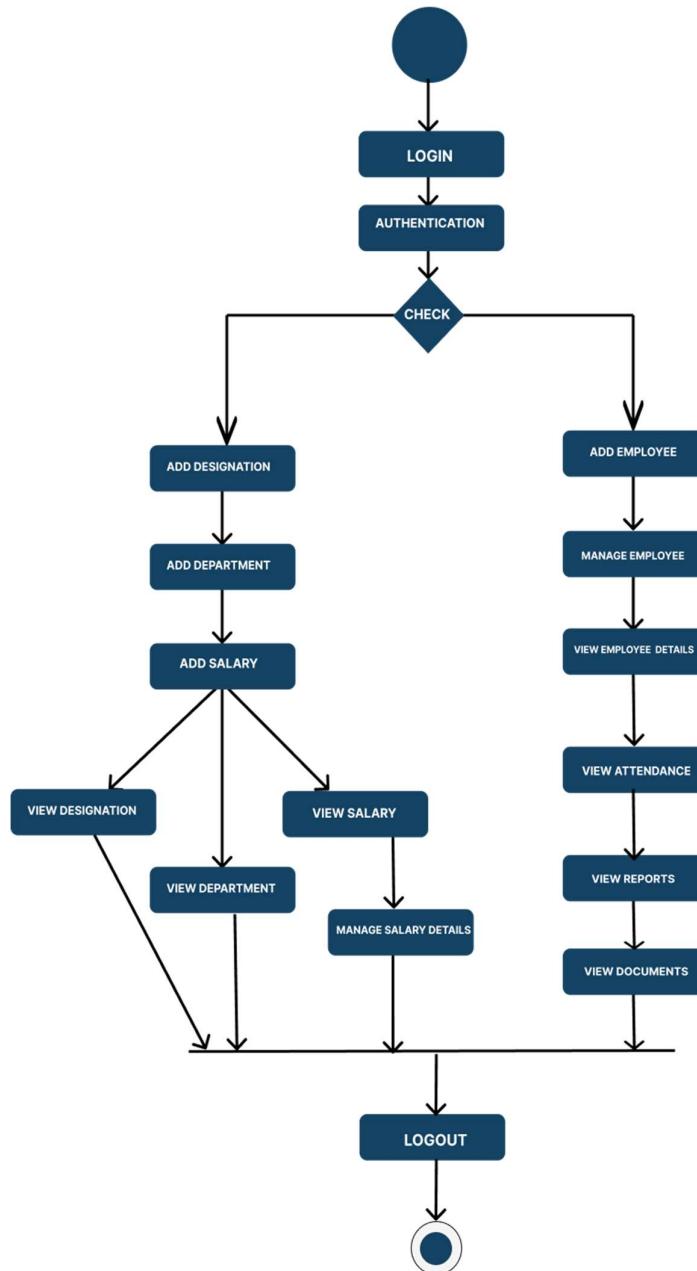


[Figure: 3.2.1 Interaction Diagram for Admin.]

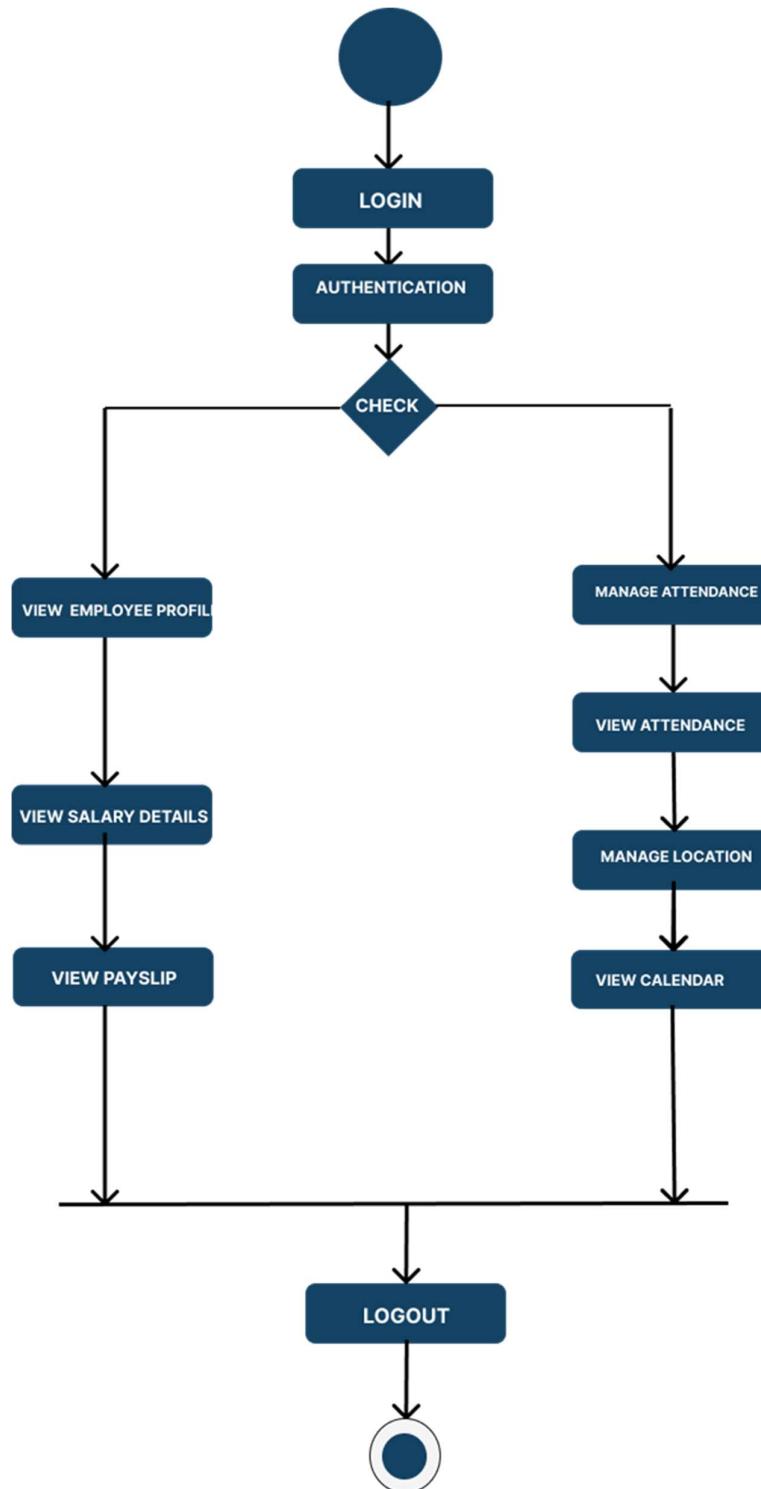


[Figure: 3.2.1 Interaction Diagram for App.]

## 3.3 Activity Diagram



[Figure: 3.3.1 Activity Diagram for Web.]



[Figure: 3.3.2 Activity Diagram for App.]

## Chapter-4

### Development

## 4.1 Coding Standard

### •Fundamentals

- ✓ AngularJS is a toolset for building the framework most suited to your application development. It is fully extensible and works well with other libraries

#### • Naming

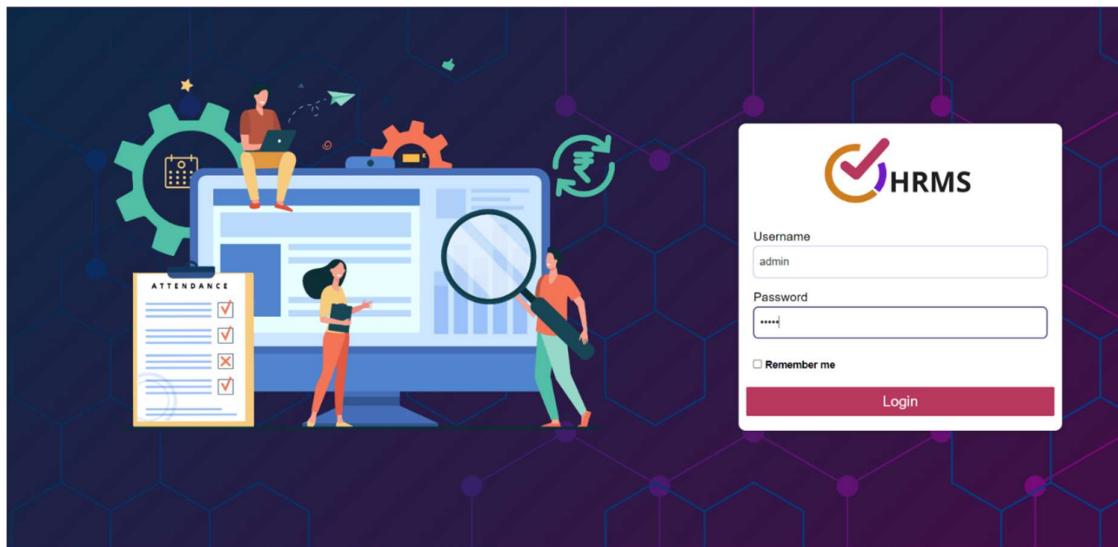
- ✓ Include all the words needed to avoid ambiguity for a person reading code where the name is used.
- ✓ Omit needless words. Every word in a name should convey salient information at the use site.
- ✓ Name variables, parameters, and associated types according to their roles, rather than their type constraints.

#### • Conventions

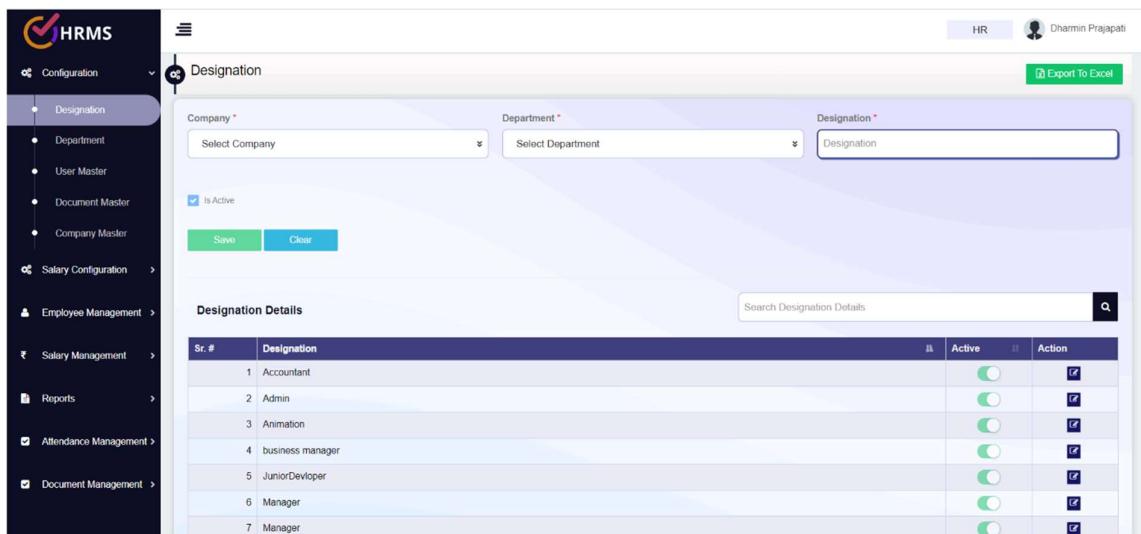
- ✓ **Essential:** These rules help prevent errors, so learn and abide by them at all costs.
- ✓ **Strongly Recommended:** These rules have been found to improve readability and/or developer experience in most projects.
- ✓ **Recommended:** Where multiple, equally good options exist, an arbitrary choice can be made to ensure consistency. In these rules, we describe each acceptable option and suggest a default choice.

## 4.1 Screenshots

### LOGIN PAGE

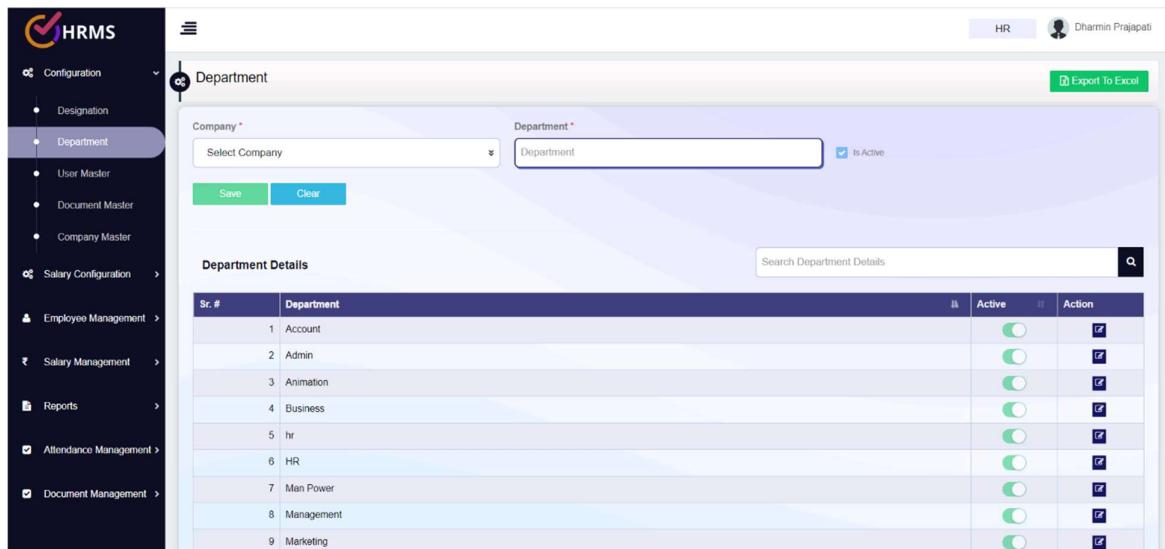


### DESIGNATION VIEW(MASTER PAGE)



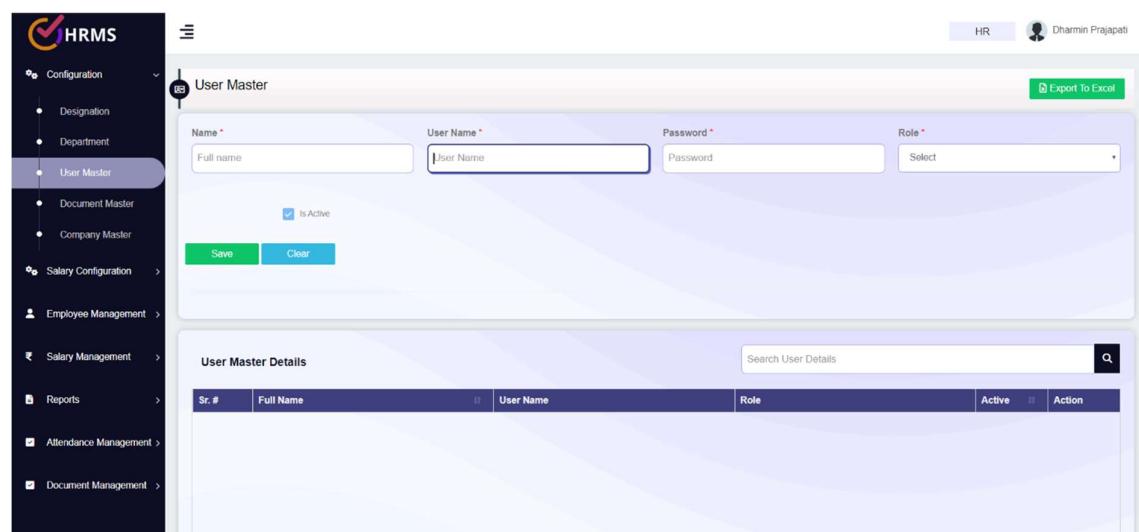
| Sr. # | Designation      | Active                              | Action                              |
|-------|------------------|-------------------------------------|-------------------------------------|
| 1     | Accountant       | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| 2     | Admin            | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| 3     | Animation        | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| 4     | business manager | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| 5     | JuniorDeveloper  | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| 6     | Manager          | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| 7     | Manager          | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |

## DEPARTMENT VIEW (MASTER PAGE)



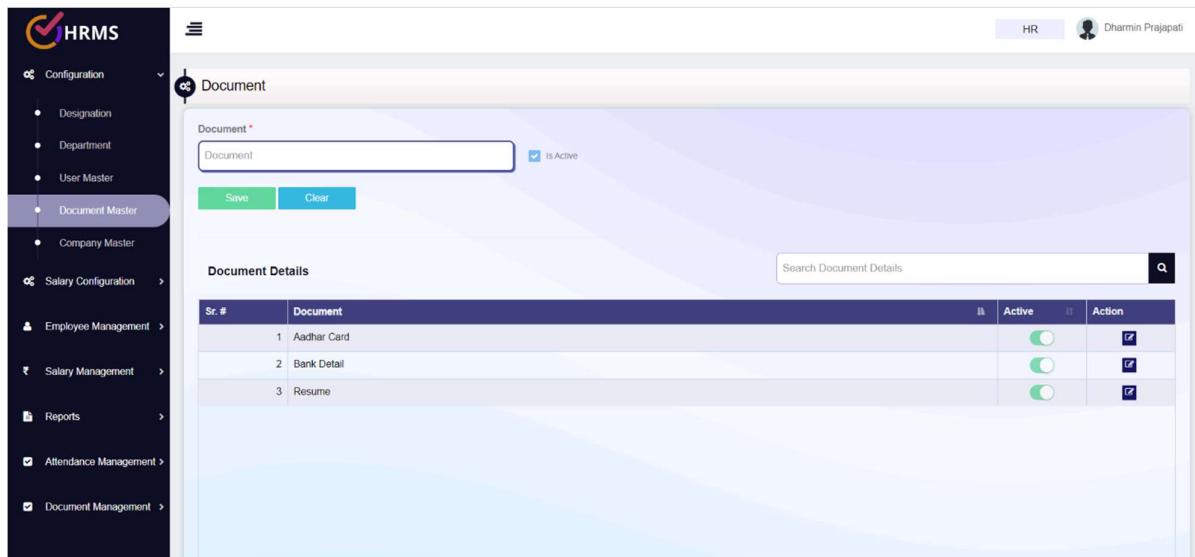
| Sr. # | Department | Active                              | Action                              |
|-------|------------|-------------------------------------|-------------------------------------|
| 1     | Account    | <input checked="" type="checkbox"/> | <input type="button" value="Edit"/> |
| 2     | Admin      | <input checked="" type="checkbox"/> | <input type="button" value="Edit"/> |
| 3     | Animation  | <input checked="" type="checkbox"/> | <input type="button" value="Edit"/> |
| 4     | Business   | <input checked="" type="checkbox"/> | <input type="button" value="Edit"/> |
| 5     | hr         | <input checked="" type="checkbox"/> | <input type="button" value="Edit"/> |
| 6     | HR         | <input checked="" type="checkbox"/> | <input type="button" value="Edit"/> |
| 7     | Man Power  | <input checked="" type="checkbox"/> | <input type="button" value="Edit"/> |
| 8     | Management | <input checked="" type="checkbox"/> | <input type="button" value="Edit"/> |
| 9     | Marketing  | <input checked="" type="checkbox"/> | <input type="button" value="Edit"/> |

## USER MASTER (MASTER PAGE)



| Sr. # | Full Name | User Name | Role | Active | Action |
|-------|-----------|-----------|------|--------|--------|
|       |           |           |      |        |        |

## Document Master



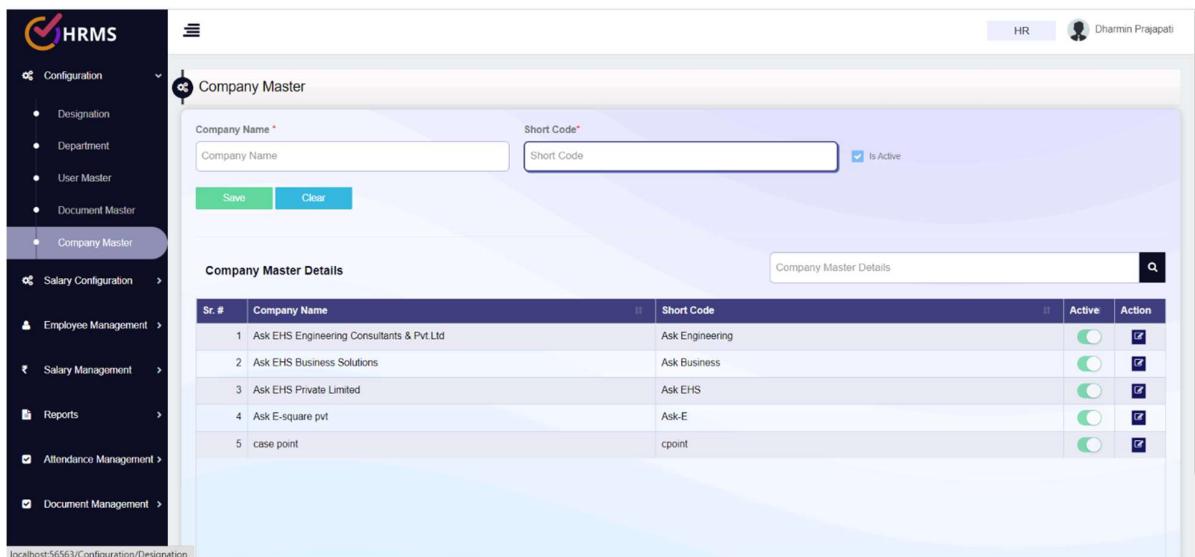
**Document**

Document \*   Is Active

**Document Details**

| Sr. # | Document    | Active                              | Action                              |
|-------|-------------|-------------------------------------|-------------------------------------|
| 1     | Aadhar Card | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| 2     | Bank Detail | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| 3     | Resume      | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |

## Company Master



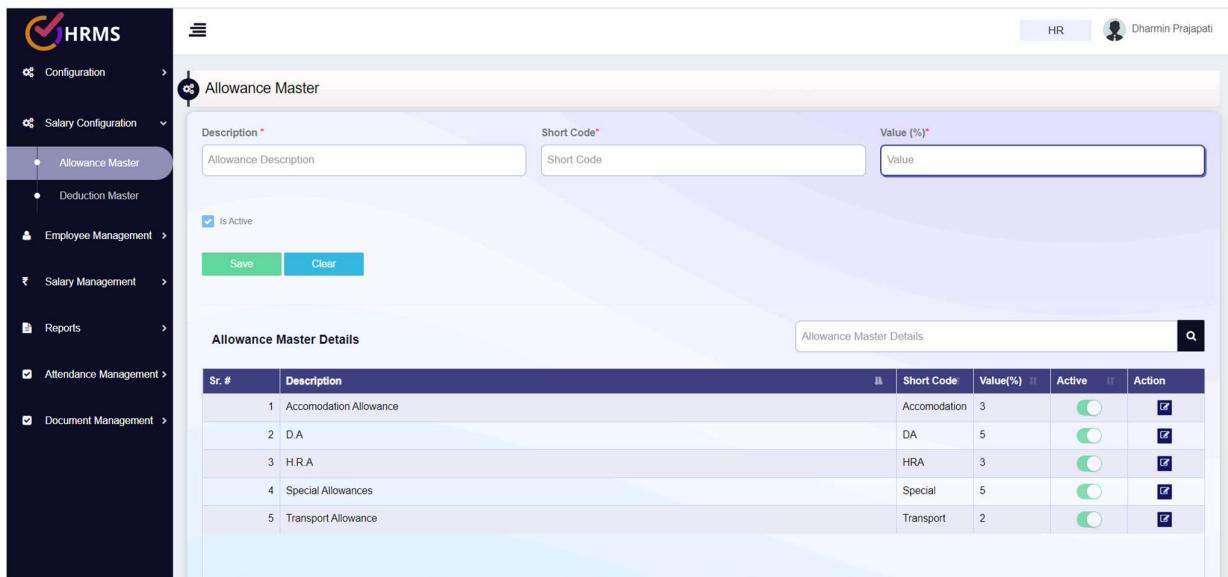
**Company Master**

Company Name \*  Short Code\*   Is Active

**Company Master Details**

| Sr. # | Company Name                              | Short Code      | Active                              | Action                              |
|-------|---|-----------------|-------------------------------------|-------------------------------------|
| 1     | Ask EHS Engineering Consultants & Pvt.Ltd | Ask Engineering | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| 2     | Ask EHS Business Solutions                | Ask Business    | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| 3     | Ask EHS Private Limited                   | Ask EHS         | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| 4     | Ask E-square pvt                          | Ask-E           | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| 5     | case point                                | cpoint          | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |

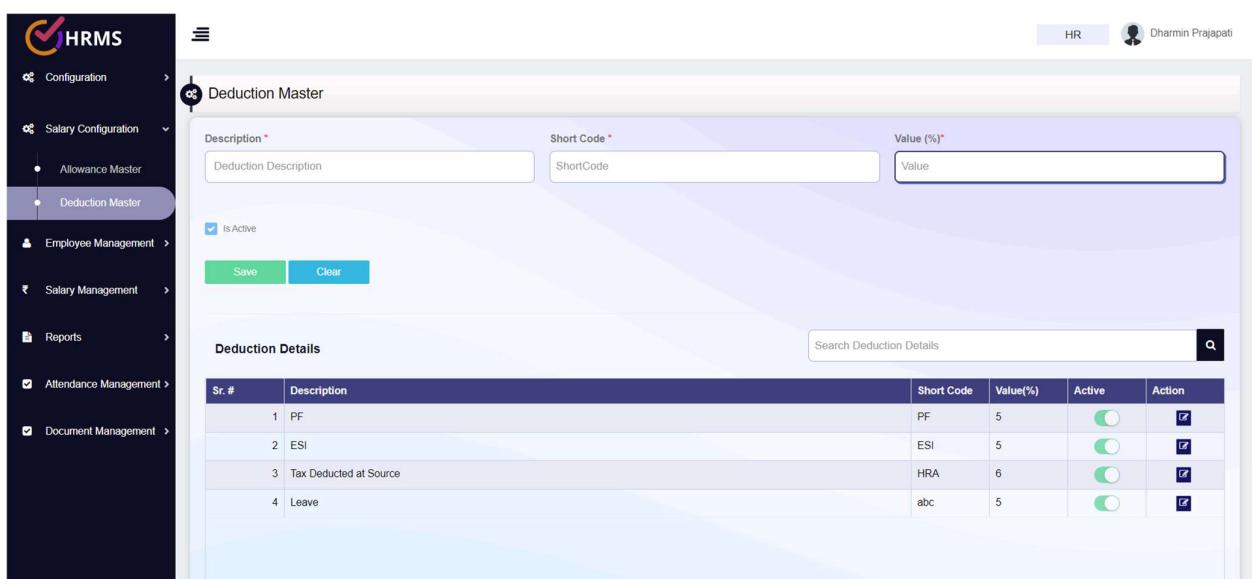
## Allowance Master



**Allowance Master**

| Sr. # | Description             | Short Code    | Value(%) | Active                              | Action |
|-------|-------------------------|---------------|----------|-------------------------------------|--------|
| 1     | Accommodation Allowance | Accommodation | 3        | <input checked="" type="checkbox"/> |        |
| 2     | DA                      | DA            | 5        | <input checked="" type="checkbox"/> |        |
| 3     | H.R.A                   | HRA           | 3        | <input checked="" type="checkbox"/> |        |
| 4     | Special Allowances      | Special       | 5        | <input checked="" type="checkbox"/> |        |
| 5     | Transport Allowance     | Transport     | 2        | <input checked="" type="checkbox"/> |        |

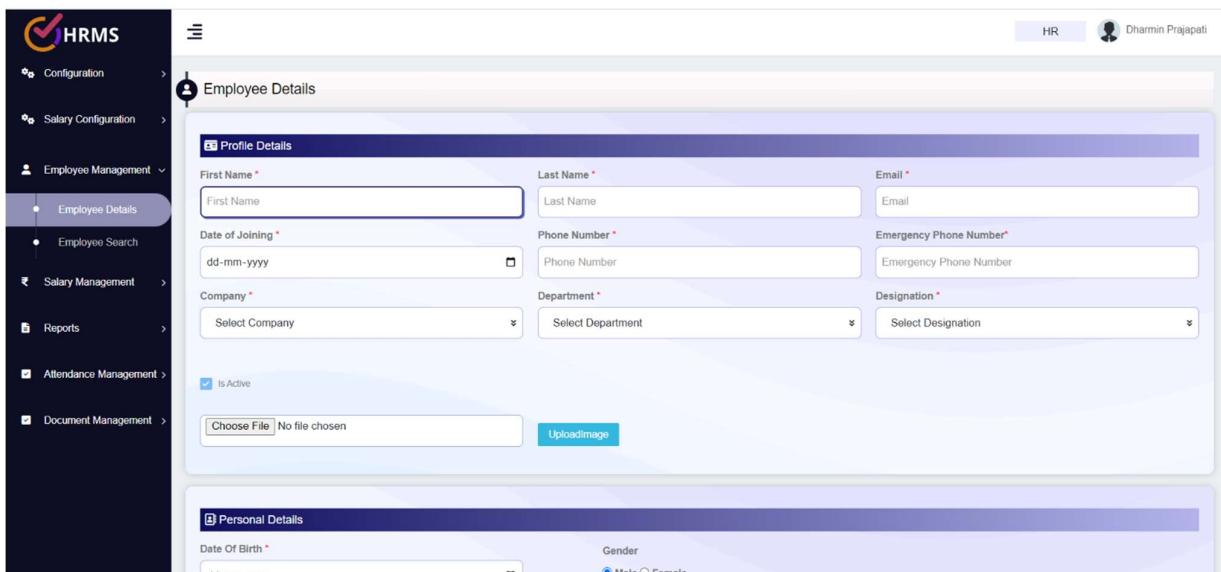
## Deduction Master



**Deduction Master**

| Sr. # | Description            | Short Code | Value(%) | Active                              | Action |
|-------|------------------------|------------|----------|-------------------------------------|--------|
| 1     | PF                     | PF         | 5        | <input checked="" type="checkbox"/> |        |
| 2     | ESI                    | ESI        | 5        | <input checked="" type="checkbox"/> |        |
| 3     | Tax Deducted at Source | HRA        | 6        | <input checked="" type="checkbox"/> |        |
| 4     | Leave                  | abc        | 5        | <input checked="" type="checkbox"/> |        |

## Employee Details



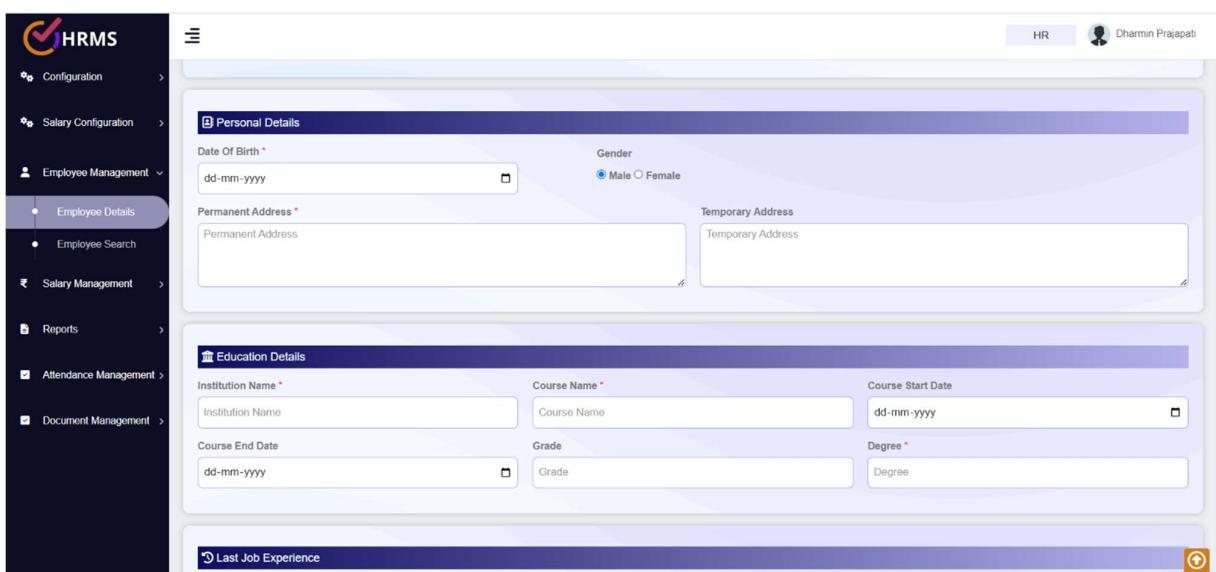
**Employee Details**

**Profile Details**

|  |  |   |
|--|--|---|
| First Name *   | Last Name *                                    | Email *   |
| <input type="text" value="First Name"/>  | <input type="text" value="Last Name"/>         | <input type="text" value="Email"/>                  |
| Date of Joining *  | Phone Number *                                 | Emergency Phone Number*                             |
| <input type="text" value="dd-mm-yyyy"/>  | <input type="text" value="Phone Number"/>      | <input type="text" value="Emergency Phone Number"/> |
| Company *  | Department *                                   | Designation *                                       |
| <input type="text" value="Select Company"/>  | <input type="text" value="Select Department"/> | <input type="text" value="Select Designation"/>     |
| <input checked="" type="checkbox"/> Is Active<br><input type="button" value="Choose File"/> <input type="text" value="No file chosen"/> <input type="button" value="UploadImage"/> |  |   |

**Personal Details**

|   |  |
|---|--|
| Date Of Birth *                         | Gender   |
| <input type="text" value="dd-mm-yyyy"/> | <input checked="" type="radio"/> Male <input type="radio"/> Female |



**Personal Details**

|  |  |
|--|--|
| Date Of Birth *                                | Gender   |
| <input type="text" value="dd-mm-yyyy"/>        | <input checked="" type="radio"/> Male <input type="radio"/> Female |
| Permanent Address *                            | Temporary Address  |
| <input type="text" value="Permanent Address"/> | <input type="text" value="Temporary Address"/>                     |

**Education Details**

|   |  |   |
|---|--|---|
| Institution Name *                            | Course Name *                            | Course Start Date                       |
| <input type="text" value="Institution Name"/> | <input type="text" value="Course Name"/> | <input type="text" value="dd-mm-yyyy"/> |
| Course End Date                               | Grade                                    | Degree *                                |
| <input type="text" value="dd-mm-yyyy"/>       | <input type="text" value="Grade"/>       | <input type="text" value="Degree"/>     |

**Last Job Experience**

# HUMAN RESOURCE MANAGEMENT SYSTEM



**Last Job Experience**

|              |                   |                              |
|--------------|-------------------|------------------------------|
| Company Name | Last Job Location | Job Position                 |
| Company Name | Last job Location | Job Position                 |
| From Period  | To Period         | Total Experience :           |
| dd-mm-yyyy   | dd-mm-yyyy        | 0 years   0 months<br>0 days |

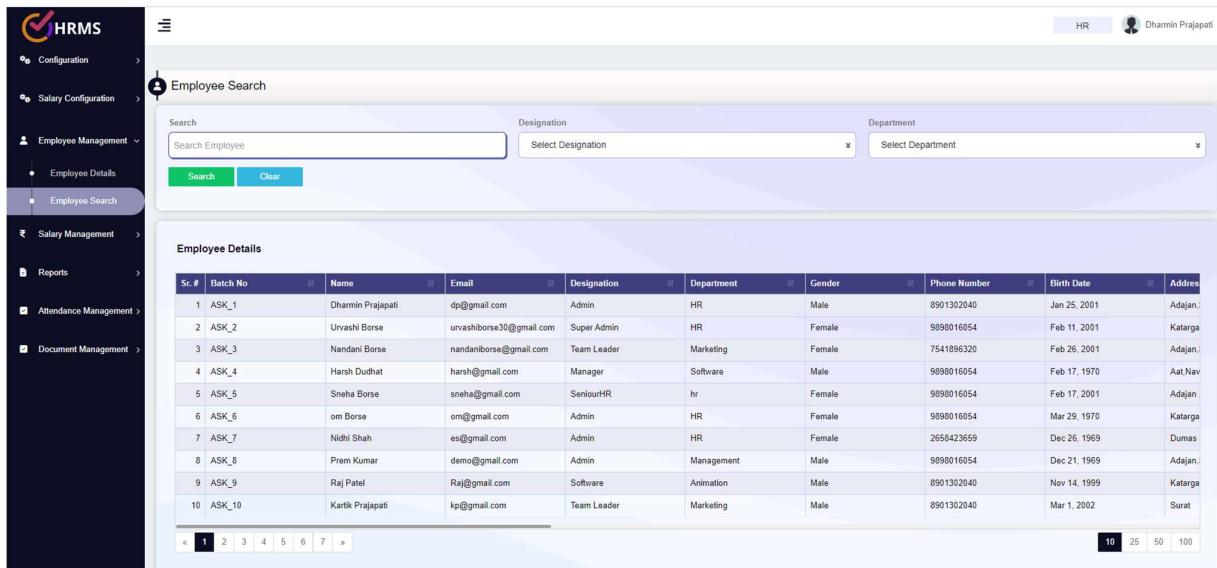
**Employee Details**

| Sr. # | BatchNo | Name              | Email                    | Gender | Company                    | Department | Designation | Phone Number | Birth Date |
|-------|---------|-------------------|--------------------------|--------|----------------------------|------------|-------------|--------------|------------|
| 1     | ASK_1   | Dharmen Prajapati | dpm@gmail.com            | Male   | Ask EHS Private Limited    | HR         | Admin       | 8901302040   | Jan 25     |
| 2     | ASK_2   | Urvashi Borse     | urvashiborse30@gmail.com | Female | Ask EHS Private Limited    | HR         | Super Admin | 9898016054   | Feb 11     |
| 3     | ASK_3   | Nandani Borse     | nandaniborse@gmail.com   | Female | Ask EHS Engineering Con... | Marketing  | Team Leader | 7541896320   | Feb 26     |
| 4     | ASK_4   | Harsh Dudhat      | harsh@gmail.com          | Male   | Ask E-square pvt           | Software   | Manager     | 9898016054   | Feb 17     |
| 5     | ASK_5   | Sneha Borse       | sneha@gmail.com          | Female | case point                 | hr         | SeniorHR    | 9898016054   | Feb 17     |
| 6     | ASK_6   | om Borse          | om@gmail.com             | Female | Ask EHS Private Limited    | HR         | Admin       | 9898016054   | Mar 25     |
| 7     | ASK_7   | Nidhi Shah        | es@gmail.com             | Female | Ask EHS Business Solution  | HR         | Admin       | 2658423659   | Dec 26     |
| 8     | ASK_8   | Prem Kumar        | demo@gmail.com           | Male   | Ask EHS Engineering Con... | Management | Admin       | 9898016054   | Dec 21     |
| 9     | ASK_9   | Raj Patel         | Raj@gmail.com            | Male   | Ask E-square pvt           | Animation  | Software    | 8901302040   | Nov 14     |

**C:\git1\_HRMS\_Project\_MVCProjectApi\Reports\_Employee (9) - Excel**

| Employee Id | First Name  | Last Name | Email                    | Joining Date | Phone Number | Emergency Phone Number | Designation Name | Department Name | Birth Date | Gender | Permanent Address | Temporary Address |
|-------------|-------------|-----------|--------------------------|--------------|--------------|------------------------|------------------|-----------------|------------|--------|-------------------|-------------------|
| 2           | 1 Dharmen   | Prajapati | dpm@gmail.com            | 24-01-2023   | 8901302040   | 6532014878             | Admin            | HR              | 25-01-2001 | Male   | Adajan,Surat      |                   |
| 3           | 2 Urvashi   | Borse     | urvashiborse30@gmail.com | 10-02-2023   | 9898016054   | 9898015060             | Super Admin      | HR              | 11-02-2001 | Female | Katargam,Surat    |                   |
| 4           | 3 Nandani   | Borse     | nandaniborse@gmail.com   | 26-02-2023   | 7541896320   | 9898015060             | Team Leader      | Marketing       | 26-02-2001 | Female | Adajan,Surat      |                   |
| 5           | 4 Harsh     | Dudhat    | harsh@gmail.com          | 12-02-2023   | 9898016054   | 9898015060             | Manager          | Software        | 17-02-1970 | Male   | Aat,Navsari.      |                   |
| 6           | 5 Sneha     | Borse     | sneha@gmail.com          | 06-02-2023   | 9898016054   | 9898015060             | SeniorHR         | hr              | 17-02-2001 | Female | Adajan,Surat      |                   |
| 7           | 6 om        | Borse     | om@gmail.com             | 20-01-2023   | 9898016054   | 9898015060             | Admin            | HR              | 29-03-1970 | Female | Katargam,Surat    | Adajan,Surat      |
| 8           | 7 Nidhi     | Shah      | es@gmail.com             | 11-02-2023   | 7558423659   | 755394256              | Admin            | HR              | 26-12-1969 | Female | Dumas Road,Surat  | Katargam,Sur      |
| 9           | 8 Prem      | Kumar     | demo@gmail.com           | 20-01-2023   | 9898016054   | 9898015060             | Admin            | Management      | 21-12-1969 | Male   | Adajan,Surat      |                   |
| 10          | 9 Raj       | Patel     | Raj@gmail.com            | 06-03-2023   | 8901302040   | 9898015060             | Software         | Animation       | 14-11-1999 | Male   | Katargam,Surat    |                   |
| 11          | 10 Kartik   | Prajapati | kpm@gmail.com            | 07-03-2023   | 8901302040   | 6532014878             | Team Leader      | Marketing       | 01-03-2002 | Male   | Surat             | sss               |
| 12          | 11 Rani     | Charan    | ram@gmail.com            | 10-04-2023   | 9898016054   | 6532014878             | Super Admin      | HR              | 08-02-1990 | Male   | Adajan,Surat      |                   |
| 13          | 12 Dhruv    | Prajapati | dpm@gmail.com            | 02-03-2023   | 8901302040   | 9898015060             | Software         | HR              | 01-03-2023 | Male   | xyz               |                   |
| 14          | 13 Rani     | Jariwala  | ram@gmail.com            | 02-03-2023   | 8901302040   | 9898015060             | Admin            | HR              | 13-03-2023 | Female | surat             |                   |
| 15          | 14 Rahul    | Patel     | ram@gmail.com            | 01-03-2023   | 9898016054   | 9898015060             | Admin            | HR              | 30-03-2023 | Male   | Surat             |                   |
| 16          | 15 Harsha   | kapoor    | harsha@gmail.com         | 08-03-2023   | 8901302040   | 9898015060             | Super Admin      | Animation       | 08-03-2001 | Female | Surat             |                   |
| 17          | 16 Anjali   | Shimpai   | as@gmail.com             | 09-03-2023   | 9898016054   | 9898015060             | System User      | Account         | 09-03-2023 | Female | Surat             |                   |
| 18          | 17 Ashok    | Patel     | ashok@gmail.com          | 13-03-2023   | 8901302040   | 6532014878             | Admin            | Account         | 01-03-2023 | Male   | surat             | surat             |
| 19          | 18 ary      | kumar     | arya@gmail.com           | 14-03-2023   | 9898016054   | 9898015060             | Admin            | HR              | 01-01-1970 | Male   | surat             | surat             |
| 20          | 19 jay      | Borse     | jay@gmail.com            | 09-03-2023   | 8901302040   | 6532014878             | Software         | Account         | 19-03-2023 | Male   | surat             | surat             |
| 21          | 20 Radha    | Shah      | radha@gmail.com          | 12-03-2023   | 9536415726   | 9563147562             | Software         | Management      | 06-03-2023 | Male   | UP                |                   |
| 22          | 21 Ridhii   | Patel     | ridhi@gmail.com          | 06-03-2023   | 9536415726   | 9563147562             | Admin            | HR              | 27-02-2023 | Male   | surat             |                   |
| 23          | 22 Bhumi    | Patel     | bhumi@gmail.com          | 27-02-2023   | 7541896320   | 9563147562             | Admin            | Account         | 26-02-1999 | Female | surat             | surat             |
| 24          | 23 Tapan    | Solaniki  | solaniki@gmail.com       | 28-02-2023   | 7541896320   | 9898015060             | Manager          | Animation       | 29-02-2000 | Male   | surat             | surat             |
| 25          | 24 Komal    | Patel     | komal@gmail.com          | 08-03-2023   | 9536415726   | 9563147562             | Software         | Account         | 07-03-2000 | Male   | surat             | surat             |
| 26          | 25 gopi     | Singh     | gopi@gmail.com           | 11-03-2023   | 9536415726   | 9563147562             | Admin            | HR              | 20-03-2023 | Female | vapi              | vapi              |
| 27          | 26 Devanshi | Tailor    | devanshi@gmail.com       | 11-03-2023   | 9536415726   | 9898015060             | Admin            | Account         | 11-03-2023 | Female | gh                |                   |
| 28          | 27 Deep     | Patil     | dpm@gmail.com            | 13-03-2023   | 9536415726   | 9898015060             | System User      | Management      | 13-03-2023 | Male   | Surat             |                   |

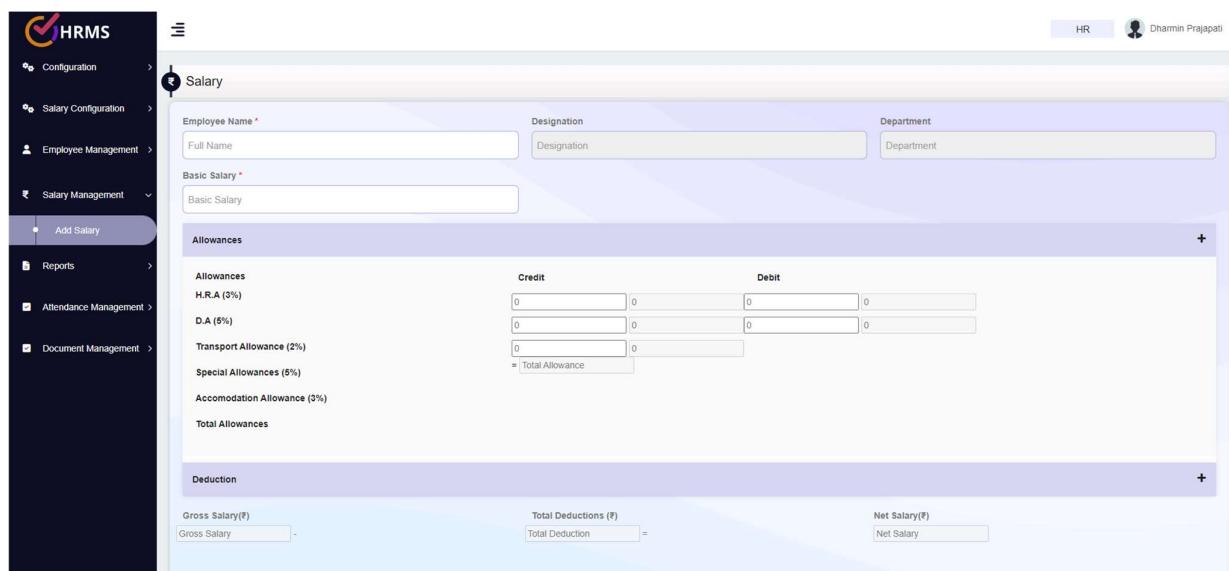
## Employee Search



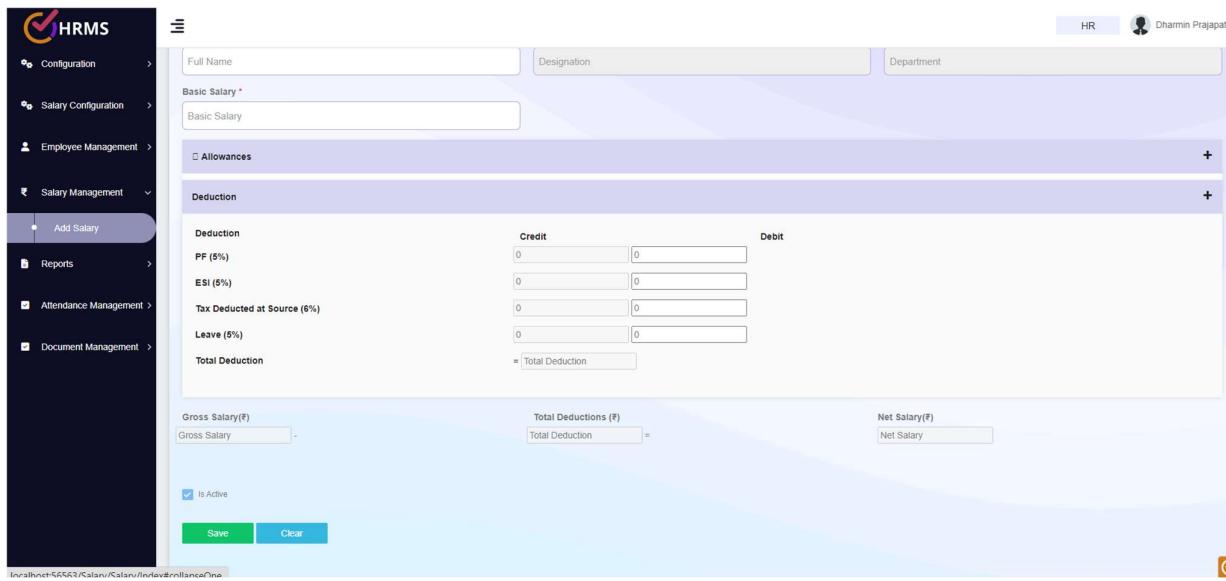
The screenshot shows the Employee Search interface. On the left, a dark sidebar menu includes Configuration, Salary Configuration, Employee Management (with Employee Details and Employee Search selected), Salary Management, Reports, Attendance Management, and Document Management. The main area has a header with 'Employee Search' and search filters for 'Search Employee', 'Designation', and 'Department'. Below is a table titled 'Employee Details' with columns: Sr. #, Batch No, Name, Email, Designation, Department, Gender, Phone Number, Birth Date, and Address. The table contains 10 rows of employee data. At the bottom right are pagination controls (1-10) and a row of buttons for 10, 25, 50, and 100 items.

| Sr. # | Batch No | Name              | Email                    | Designation | Department | Gender | Phone Number | Birth Date   | Address  |
|-------|----------|-------------------|--------------------------|-------------|------------|--------|--------------|--------------|----------|
| 1     | ASK_1    | Dharmin Prajapati | dp@gmail.com             | Admin       | HR         | Male   | 8901302040   | Jan 25, 2001 | Adajan.  |
| 2     | ASK_2    | Uravshi Borse     | uravshiborse30@gmail.com | Super Admin | HR         | Female | 9898016054   | Feb 11, 2001 | Katarga  |
| 3     | ASK_3    | Nandani Borse     | nandaniborse@gmail.com   | Team Leader | Marketing  | Female | 7541896320   | Feb 26, 2001 | Adajan.  |
| 4     | ASK_4    | Harsh Dudhat      | harsh@gmail.com          | Manager     | Software   | Male   | 9898016054   | Feb 17, 1970 | Aat Nav. |
| 5     | ASK_5    | Sneha Borse       | sneha@gmail.com          | Senior HR   | hr         | Female | 9898016054   | Feb 17, 2001 | Adajan   |
| 6     | ASK_6    | om Borse          | om@gmail.com             | Admin       | HR         | Female | 9898016054   | Mar 29, 1970 | Katarga  |
| 7     | ASK_7    | Nidhi Shah        | es@gmail.com             | Admin       | HR         | Female | 265423659    | Dec 26, 1969 | Dumas    |
| 8     | ASK_8    | Prem Kumar        | demo@gmail.com           | Admin       | Management | Male   | 9898016054   | Dec 21, 1969 | Adajan.  |
| 9     | ASK_9    | Raj Patel         | Raj@gmail.com            | Software    | Animation  | Male   | 8901302040   | Nov 14, 1999 | Katarga  |
| 10    | ASK_10   | Kartik Prajapati  | kp@gmail.com             | Team Leader | Marketing  | Male   | 8901302040   | Mar 1, 2002  | Surat    |

## Salary Management



The screenshot shows the Add Salary interface. The sidebar menu includes Configuration, Salary Configuration, Employee Management, Salary Management (selected), Add Salary, Reports, Attendance Management, and Document Management. The main area has fields for Employee Name (Full Name), Designation, and Department. It also includes sections for Allowances (H.R.A (3%), D.A (5%), Transport Allowance (2%), Special Allowances (5%), Accommodation Allowance (3%), Total Allowances) and Deduction (Gross Salary, Total Deductions, Net Salary).



Full Name: [Redacted]  
Designation: [Redacted]  
Department: [Redacted]

Basic Salary \*  
Basic Salary: [Redacted]

Allowances

Deduction

Deduction

|                             | Credit       | Debit |
|-----------------------------|--------------|-------|
| PF (5%)                     | 0            | 0     |
| ESI (5%)                    | 0            | 0     |
| Tax Deducted at Source (6%) | 0            | 0     |
| Leave (5%)                  | 0            | 0     |
| Total Deduction             | = [Redacted] |       |

Gross Salary(₹)  
Gross Salary: [Redacted]

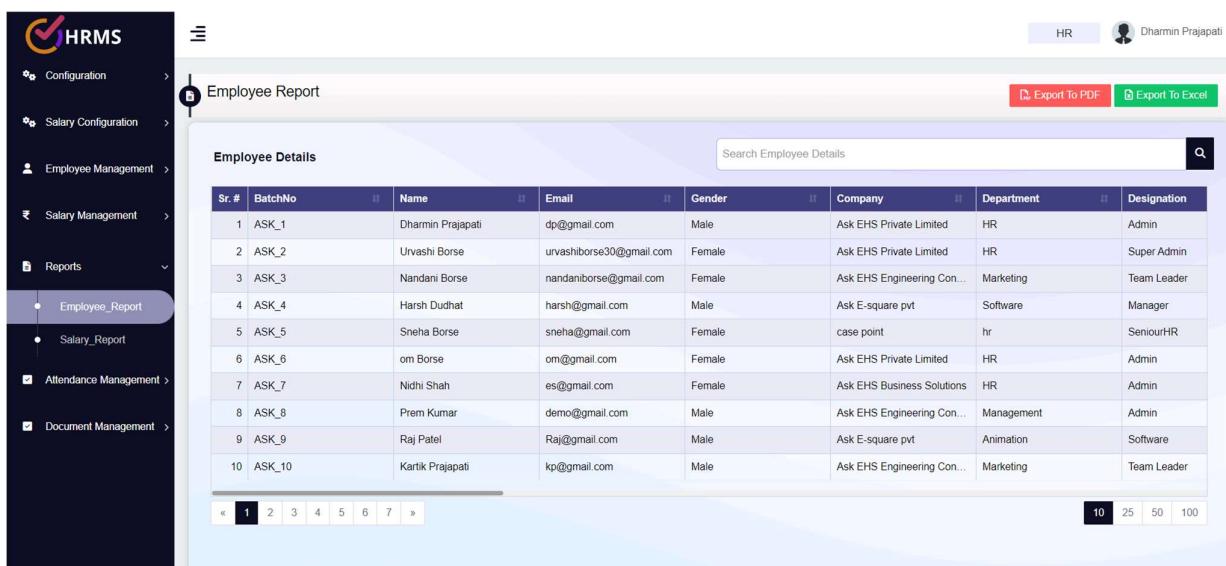
Total Deductions (₹)  
Total Deduction: [Redacted] =

Net Salary(₹)  
Net Salary: [Redacted]

Is Active

Save Clear

## Employee Report



Employee Report

Export To PDF Export To Excel

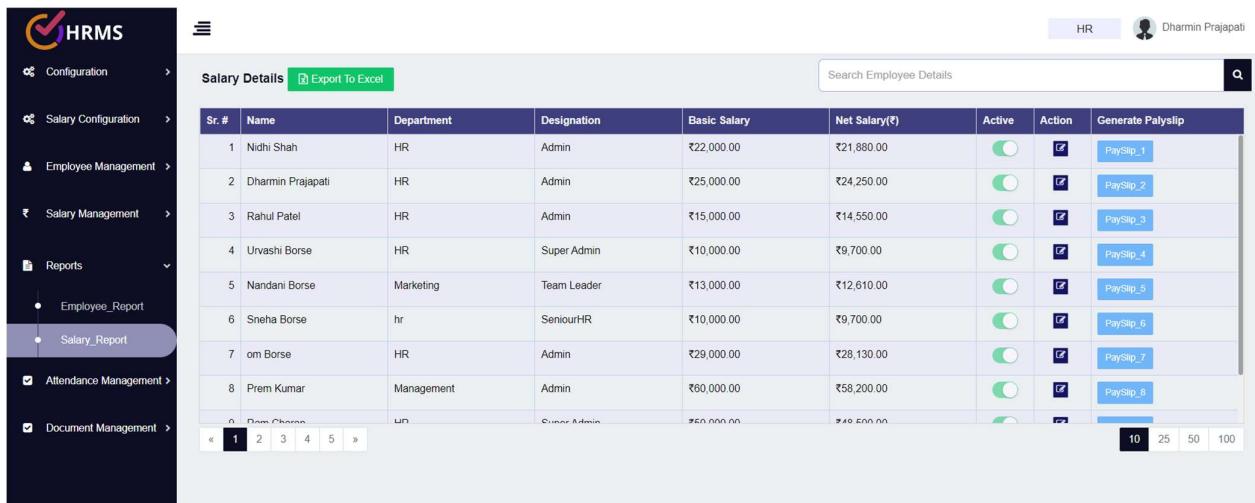
Employee Details

| Sr. # | BatchNo | Name              | Email                    | Gender | Company                    | Department | Designation |
|-------|---------|-------------------|--------------------------|--------|----------------------------|------------|-------------|
| 1     | ASK_1   | Dharmin Prajapati | dp@gmail.com             | Male   | Ask EHS Private Limited    | HR         | Admin       |
| 2     | ASK_2   | Urvashi Borse     | urvashiborse30@gmail.com | Female | Ask EHS Private Limited    | HR         | Super Admin |
| 3     | ASK_3   | Nandani Borse     | nandaniborse@gmail.com   | Female | Ask EHS Engineering Con... | Marketing  | Team Leader |
| 4     | ASK_4   | Harsh Dudhat      | harsh@gmail.com          | Male   | Ask E-square pvt           | Software   | Manager     |
| 5     | ASK_5   | Sneha Borse       | sneha@gmail.com          | Female | case point                 | hr         | SeniorHR    |
| 6     | ASK_6   | om Borse          | om@gmail.com             | Female | Ask EHS Private Limited    | HR         | Admin       |
| 7     | ASK_7   | Nidhi Shah        | es@gmail.com             | Female | Ask EHS Business Solutions | HR         | Admin       |
| 8     | ASK_8   | Prem Kumar        | demo@gmail.com           | Male   | Ask EHS Engineering Con... | Management | Admin       |
| 9     | ASK_9   | Raj Patel         | Raj@gmail.com            | Male   | Ask E-square pvt           | Animation  | Software    |
| 10    | ASK_10  | Kartik Prajapati  | kp@gmail.com             | Male   | Ask EHS Engineering Con... | Marketing  | Team Leader |

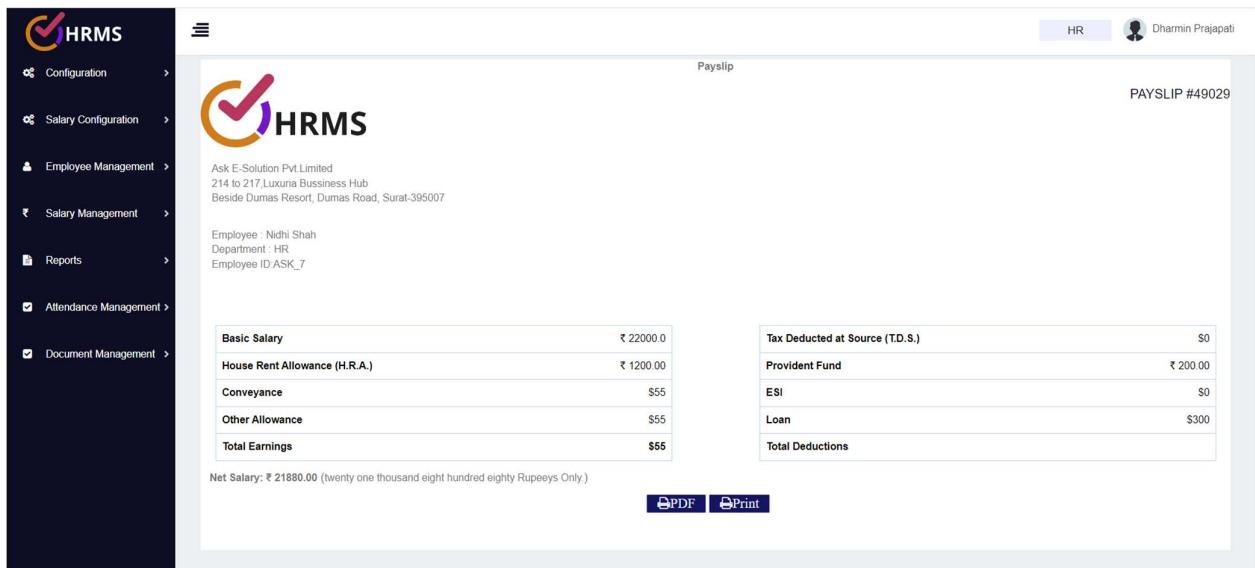
1 2 3 4 5 6 7 »

10 25 50 100

## Salary Report

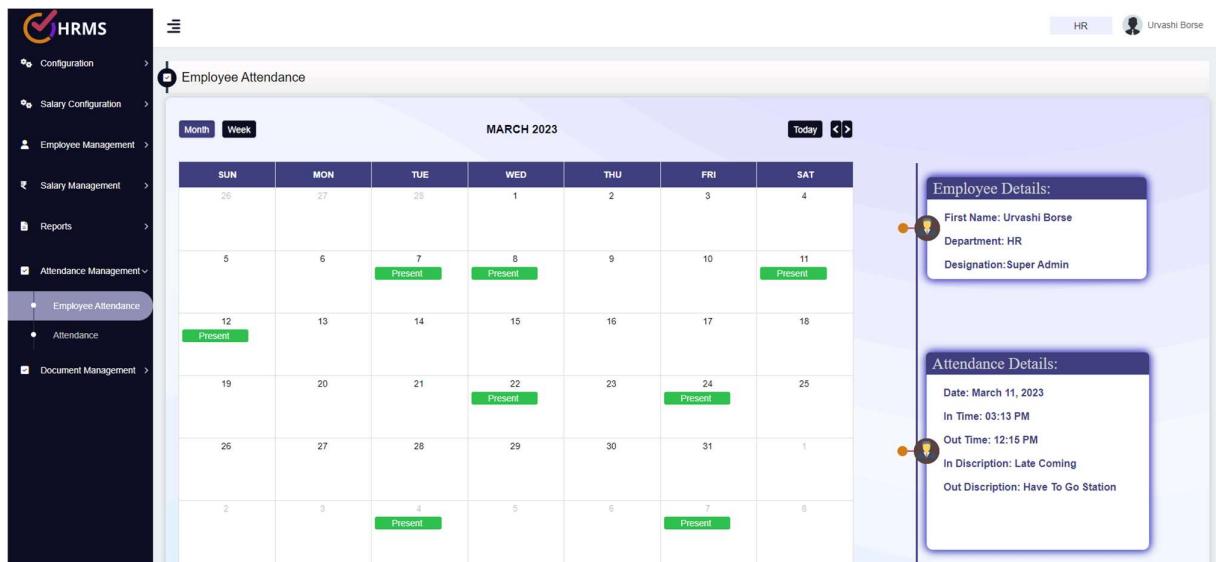


The screenshot shows the HRMS interface for generating salary reports. On the left, a sidebar menu lists various modules: Configuration, Salary Configuration, Employee Management, Salary Management, Reports (with Employee\_Report and Salary\_Report selected), Attendance Management, and Document Management. The main area displays a table titled "Salary Details" with columns for Sr. #, Name, Department, Designation, Basic Salary, Net Salary(₹), Active status, Action (checkboxes), and Generate Payslip (buttons). The table contains 8 rows of data for employees Nidhi Shah, Dharmin Prajapati, Rahul Patel, Urvashi Borse, Nandani Borse, Sneha Borse, Om Borse, and Prem Kumar. At the bottom right of the table, there are navigation buttons for page numbers (1-10, 25, 50, 100) and a search bar.



The screenshot shows the HRMS interface for generating a payslip. The sidebar menu is identical to the previous screenshot. The main area is titled "Payslip" and displays a header with the HRMS logo and "PAYSILIP #49029". It includes the company address: Ask E-Solution Pvt Limited, 214 to 217 Luxuria Business Hub, Beside Dumas Resort, Dumas Road, Surat-395007. Below this, it shows the employee details: Nidhi Shah, Department: HR, Employee ID: ASK\_7. The payslip is divided into two main sections: "Basic Salary" and "Tax Deducted at Source (T.D.S.)". The "Basic Salary" section shows ₹ 22000.0. The "Tax Deducted at Source (T.D.S.)" section shows ₹ 0. Other deductions listed are Provident Fund (₹ 200.00), ESI (₹ 0), and Loan (₹ 300). At the bottom, it states "Net Salary: ₹ 21880.00 (twenty one thousand eight hundred eighty Rupees Only)". There are "PDF" and "Print" buttons at the bottom.

## Attendance Management

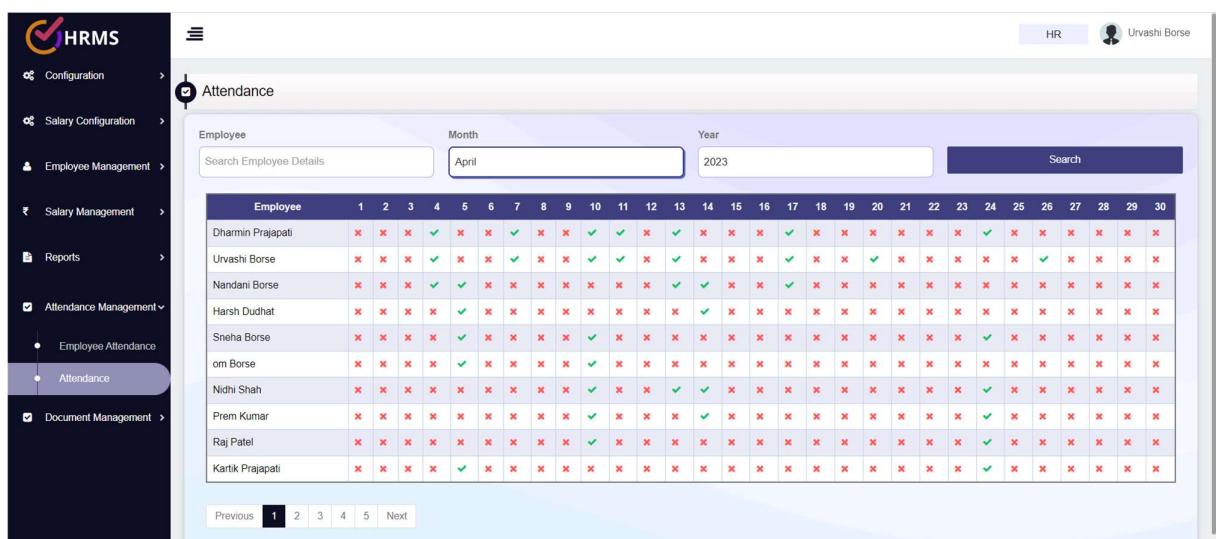


**Employee Details:**

- First Name: Urvashi Borse
- Department: HR
- Designation: Super Admin

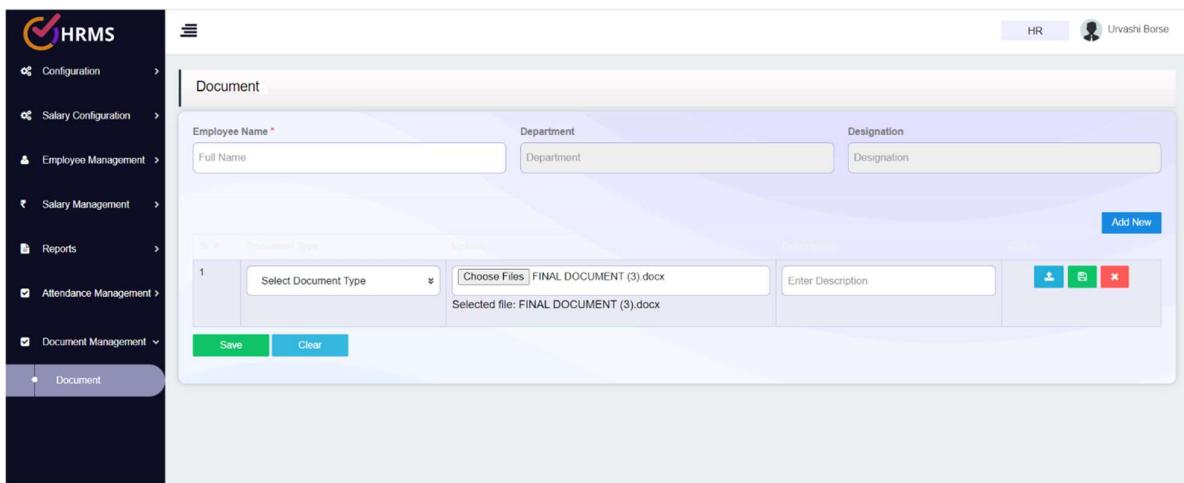
**Attendance Details:**

- Date: March 11, 2023
- In Time: 03:13 PM
- Out Time: 12:15 PM
- In Description: Late Coming
- Out Description: Have To Go Station



| Employee          | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 |   |   |   |   |
|-------------------|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|---|---|---|---|
| Dharmin Prajapati | x | x | x | v | x | v | x | x | v | x  | x  | v  | x  | x  | x  | x  | x  | x  | v  | x  | x  | x  | x  | x  | x  | x  | x  | x  | x  | x  | x | x | x | x |
| Urvashi Borse     | x | x | x | v | x | x | v | x | x | v  | x  | v  | x  | x  | x  | x  | x  | v  | x  | x  | x  | x  | x  | v  | x  | x  | x  | v  | x  | x  | x | x | x | x |
| Nandani Borse     | x | x | x | v | v | x | x | x | x | x  | x  | v  | x  | x  | v  | x  | x  | x  | x  | x  | x  | x  | x  | x  | x  | x  | x  | x  | x  | x  | x | x | x | x |
| Harsh Dudhat      | x | x | x | x | v | x | x | x | x | x  | x  | x  | v  | x  | x  | x  | x  | x  | x  | x  | x  | x  | x  | x  | x  | x  | x  | x  | x  | x  | x | x | x | x |
| Sneha Borse       | x | x | x | x | v | x | x | x | v | x  | x  | x  | x  | x  | x  | x  | x  | x  | x  | x  | x  | x  | x  | v  | x  | x  | x  | x  | x  | x  | x | x | x | x |
| om Borse          | x | x | x | x | v | x | x | x | v | x  | x  | x  | x  | x  | x  | x  | x  | x  | x  | x  | x  | x  | x  | x  | x  | x  | x  | x  | x  | x  | x | x | x | x |
| Nidhi Shah        | x | x | x | x | x | x | x | x | v | x  | x  | v  | x  | x  | v  | x  | x  | x  | x  | x  | x  | x  | x  | v  | x  | x  | x  | v  | x  | x  | x | x | x | x |
| Prem Kumar        | x | x | x | x | x | x | x | x | v | x  | x  | x  | v  | x  | x  | x  | x  | x  | x  | x  | x  | x  | x  | v  | x  | x  | x  | x  | x  | x  | x | x | x | x |
| Raj Patel         | x | x | x | x | x | x | x | x | v | x  | x  | x  | x  | x  | x  | x  | x  | x  | x  | x  | x  | x  | x  | v  | x  | x  | x  | v  | x  | x  | x | x | x | x |
| Kartik Prajapati  | x | x | x | x | v | x | x | x | x | x  | x  | x  | x  | x  | x  | x  | x  | x  | x  | x  | x  | x  | x  | v  | x  | x  | x  | x  | x  | x  | x | x | x | x |

## Document



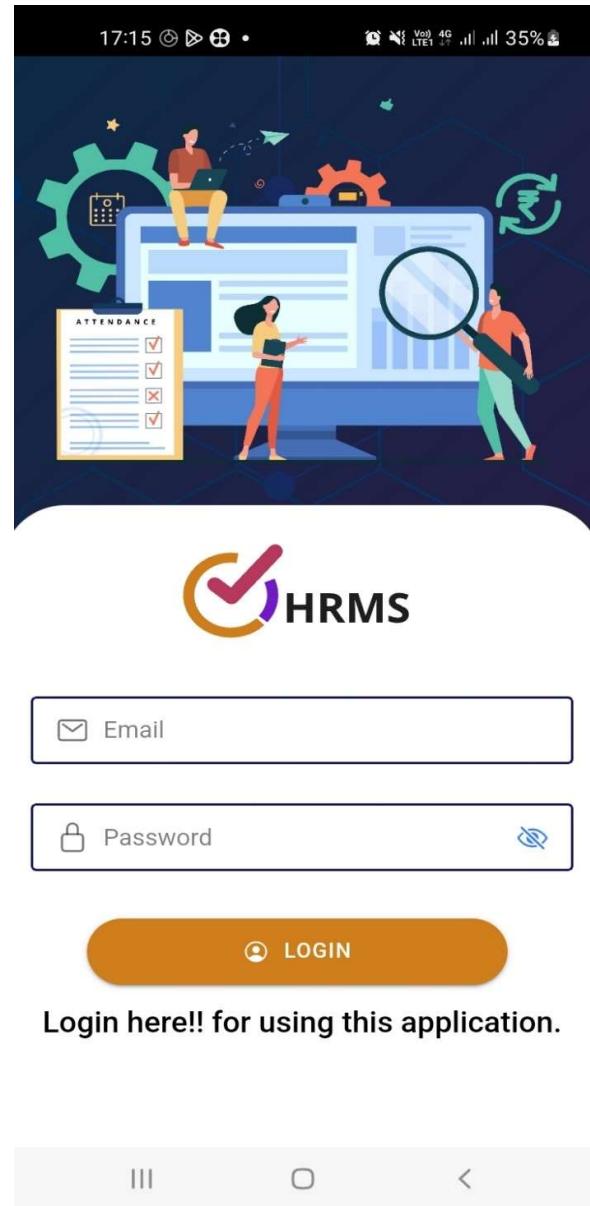
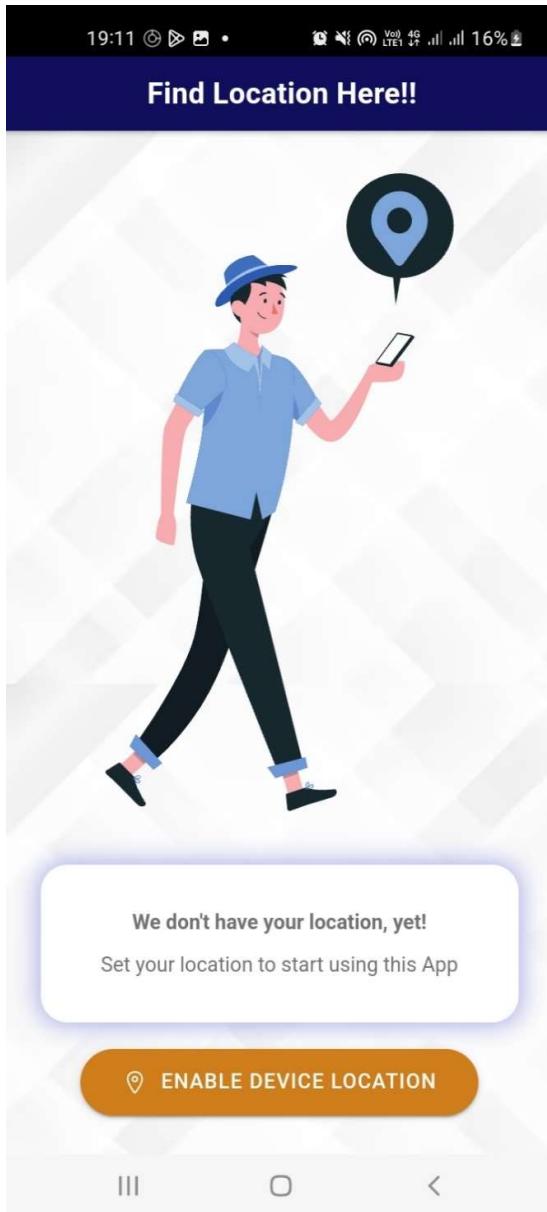
The screenshot shows the HRMS Document Management System. On the left is a sidebar menu with the following items:

- Configuration
- Salary Configuration
- Employee Management
- Salary Management
- Reports
- Attendance Management
- Document Management

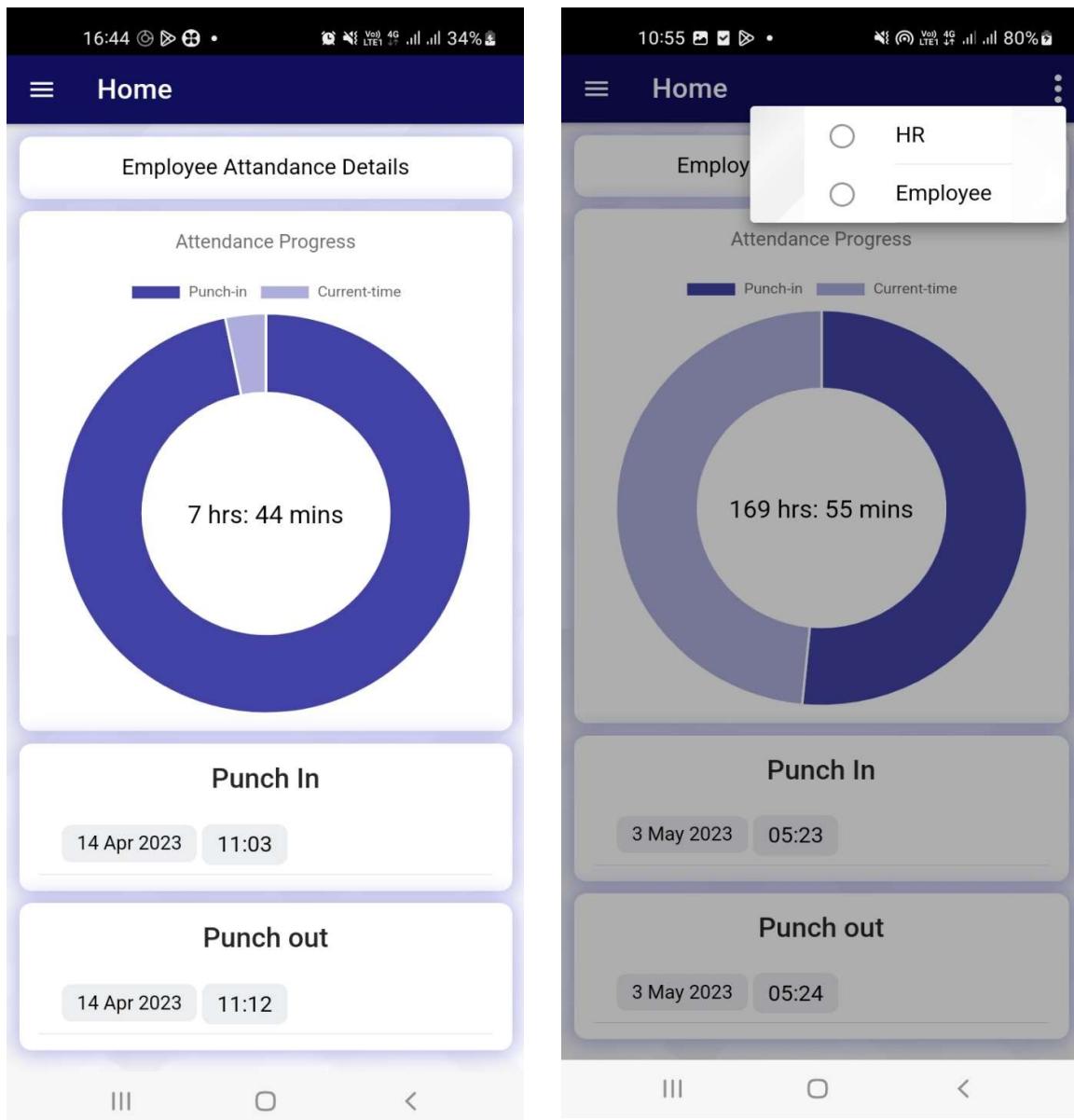
The "Document Management" item is expanded, and the "Document" sub-item is selected, indicated by a purple arrow pointing to it.

The main content area is titled "Document". It contains fields for "Employee Name" (Full Name, Department, Designation), a "Select Document Type" dropdown set to "FINAL DOCUMENT (3).docx", a "Choose Files" button with the path "Selected file: FINAL DOCUMENT (3).docx", and an "Enter Description" field. There are also three small icons (blue, green, red) and buttons for "Save" and "Clear".

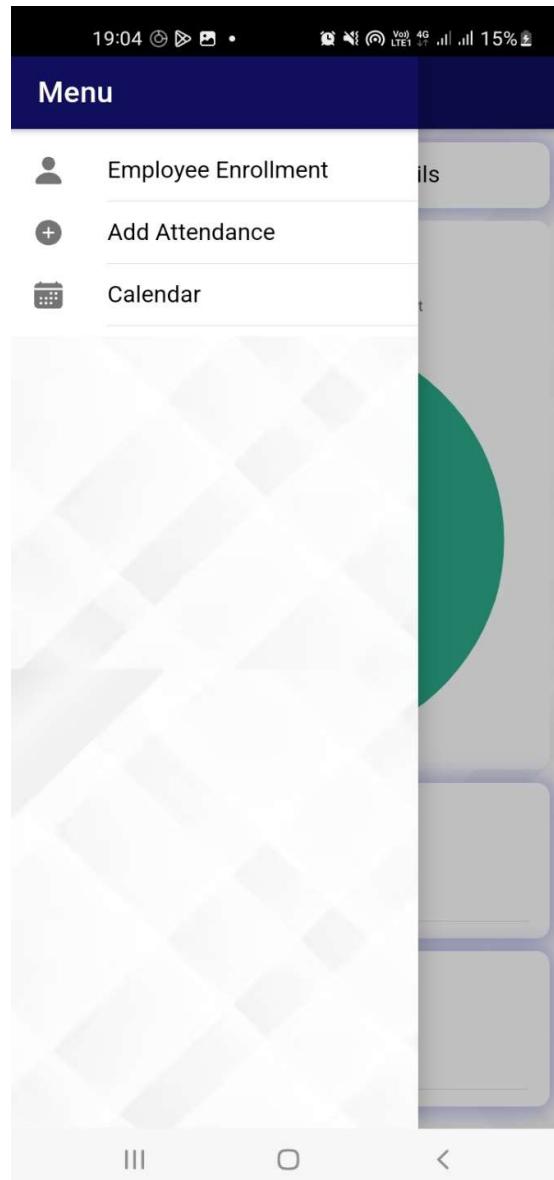
## Location and Login



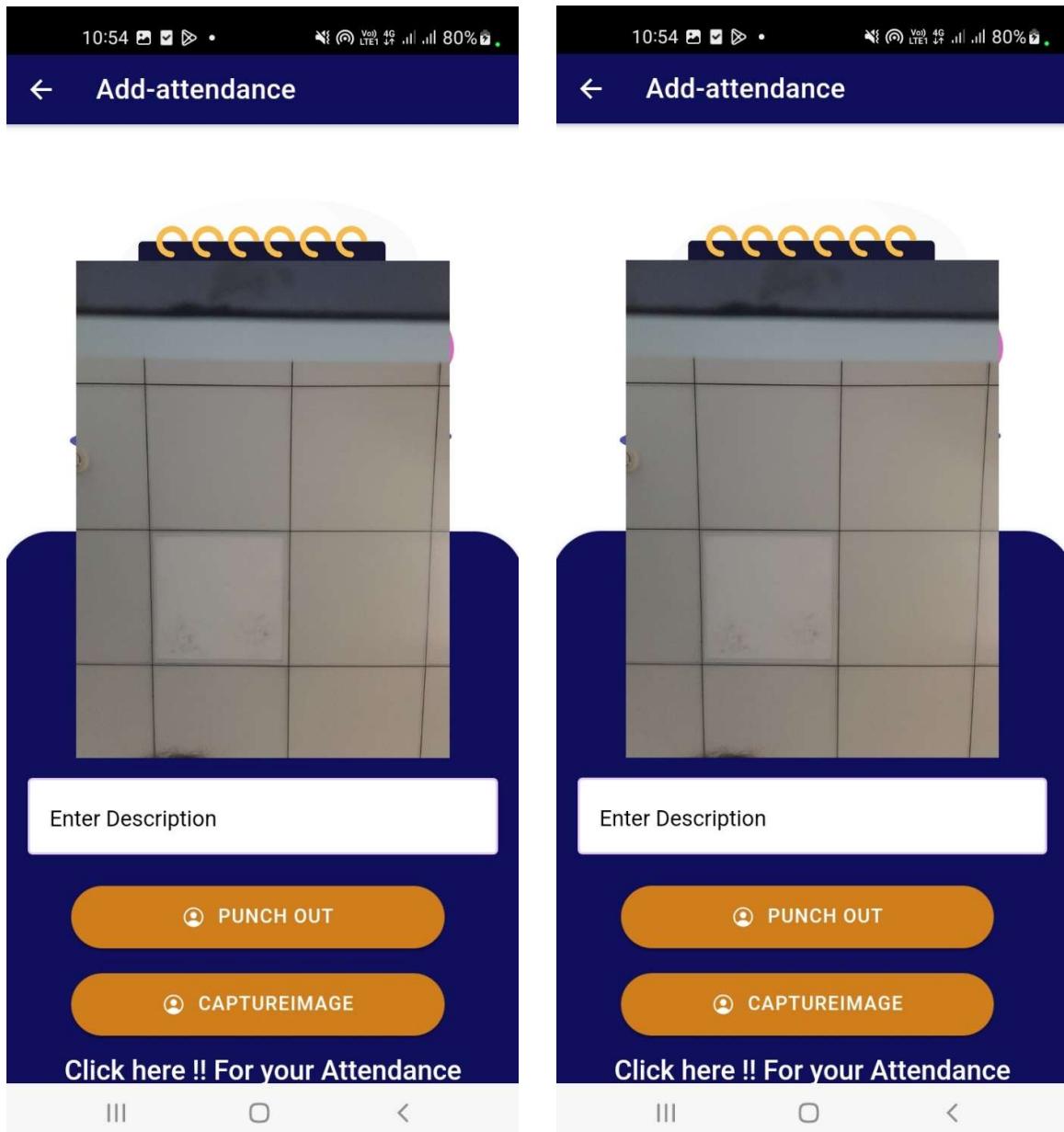
## Home Page



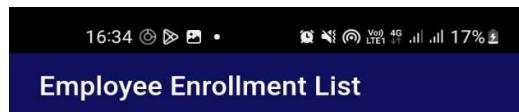
## Drawer Page



## Attendance



## Employee Details



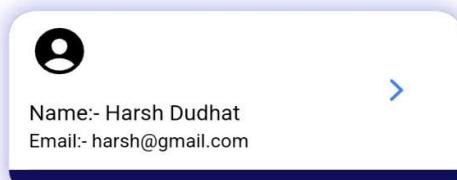
Name:- Dharmin Prajapati  
Email:- dp@gmail.com



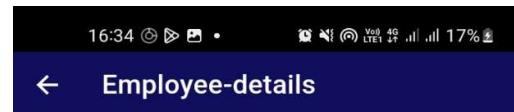
Name:- Urvashi Borse  
Email:- urvashi@gmail.com



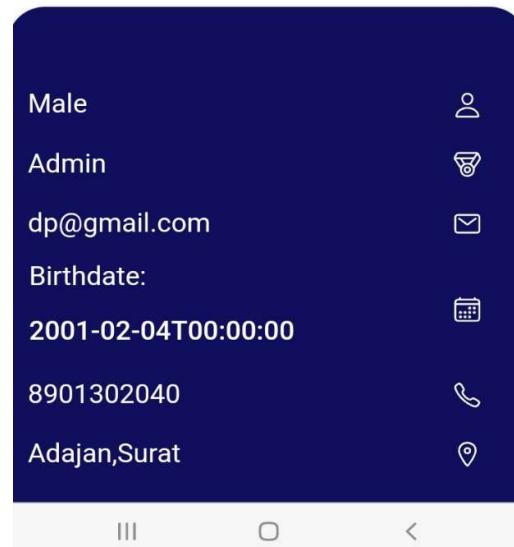
Name:- Nandani Borse  
Email:- nandani@gmail.com



Name:- Harsh Dudhat  
Email:- harsh@gmail.com

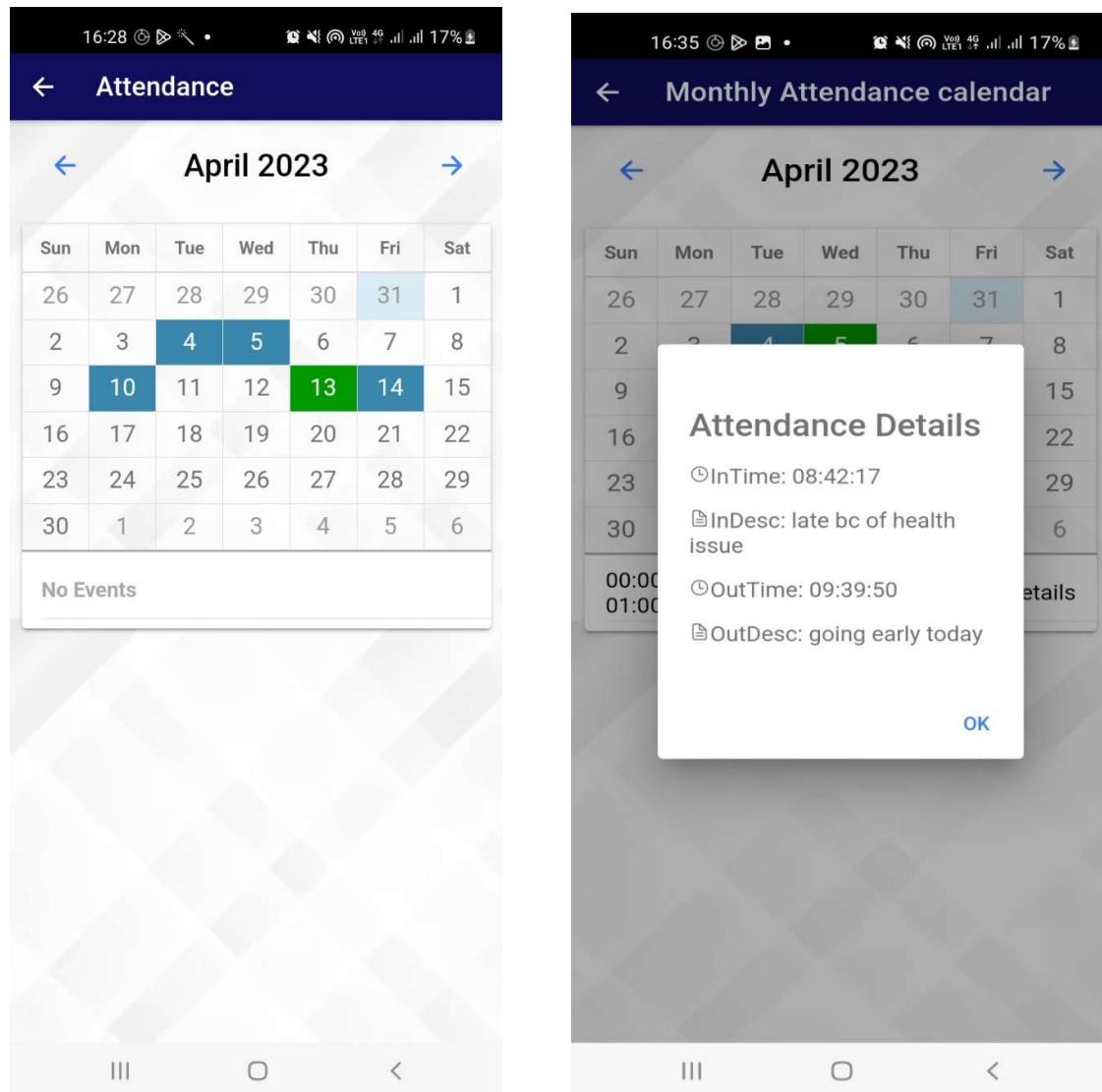


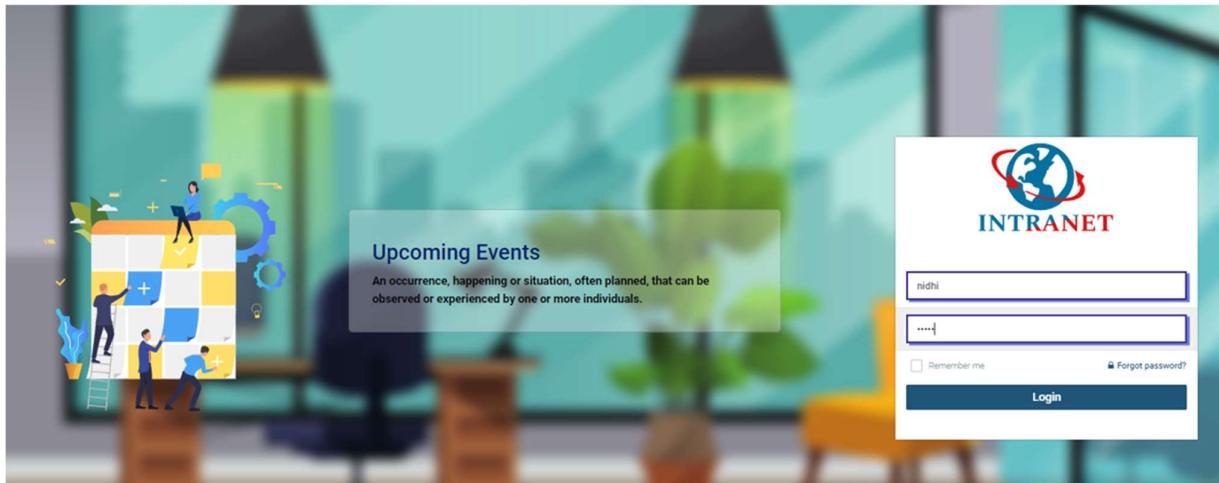
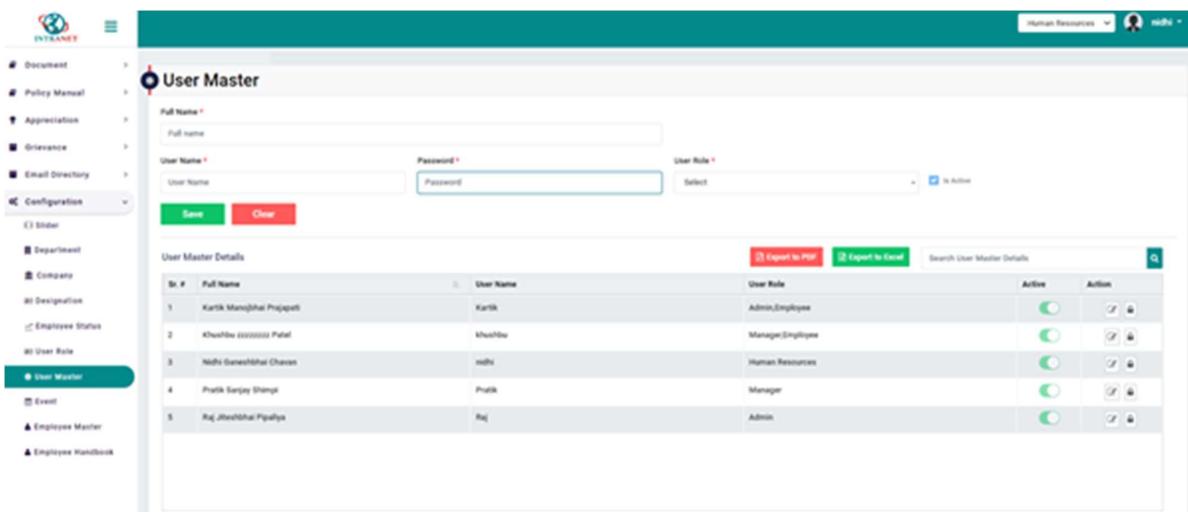
Dharmin Prajapati  
Dept:Account



Male   
Admin   
dp@gmail.com   
Birthdate:   
**2001-02-04T00:00:00**  
8901302040   
Adajan,Surat 

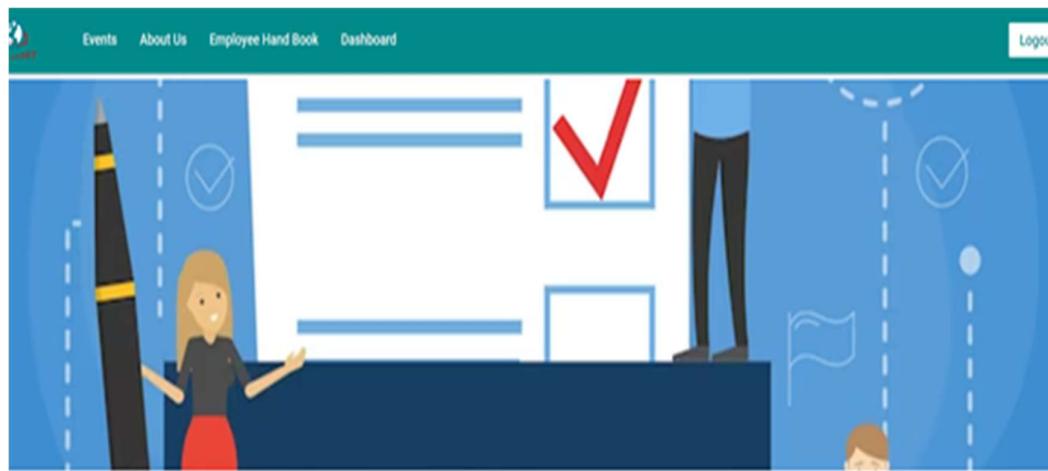
## Calendar



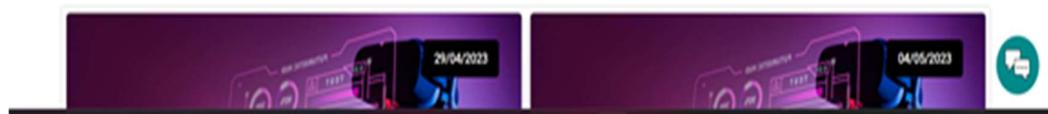



**User Master**

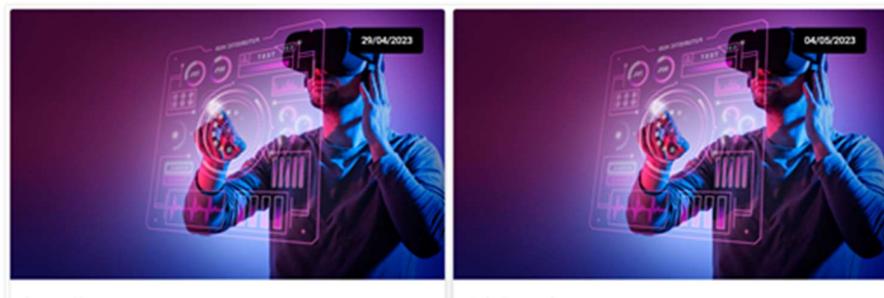
| Sr. # | Full Name                | User Name | User Role        | Action  |
|-------|--------------------------|-----------|------------------|---|
| 1     | Kartik Manojlal Patel    | Kartik    | Admin,Employee   | <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> |
| 2     | Khushtee 00000000 Patel  | khushtee  | Manager,Employee | <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> |
| 3     | Nidhi Ganeshbhai Chavhan | nidhi     | Human Resources  | <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> |
| 4     | Pratik Sanjay Shimpli    | Pratik    | Manager          | <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> |
| 5     | Raj Jitendra Patel       | Raj       | Admin            | <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> |



## Upcoming Events



## Upcoming Events



# C

Chapter-5

Agile Documentation

## 5.1 Agile Project Charter

| General Project Information   |   |
|-------------------------------|---|
| <b>Vision:</b>                | The main purpose of the project is to offer complete solution of the need by inspection companies |
| <b>Objective:</b>             | HR can handle all Employee information like personal data, Attendance, Salary, Etc.               |
| <b>Organization:</b>          | ASK E-Square Business Solutions Pvt. Ltd.   |
| <b>Success Criteria:</b>      | Employee Data can easily handle   |
| <b>Project Size Estimate:</b> | Total roles are HR, Employee  |
| <b>Technology:</b>            | Web application(Angular JS, .Net MVC, Ionic)  |
| <b>Approaches:</b>            | Strategies, methodologies, processes, tools, and techniques the team will follow.                 |

## 5.2 Agile Roadmap/Schedule

| Home InspectorTech                                | Februar y9-28 | March 1-15 | March 15-31 | April 1-15 | April 15-30 | May 1-4 |
|---|---------------|------------|-------------|------------|-------------|---------|
| Learning Angular JS, Ionic, Bootstrap .Net        | ►             |            |             |            |             |         |
| Some Task Complete in Angular JS and .Net ,Design |               | ►          |             |            |             |         |
| Address Book Project For GitHub                   |               |            | ►           |            |             |         |
| Refer Project                                     |               |            | ►           |            |             |         |
| Find New Module                                   |               |            |             | ►          |             |         |
| Create Plan Module And Testing                    |               |            |             | ►          |             |         |
| Project Related language Change                   |               |            |             |            |             |         |
| Some Bugs solve, testing And document             |               |            |             | ►          |             | ►       |

### 5.3 Agile Roadmap/Schedule

| 1 <sup>st</sup> QUARTER   | 2 <sup>nd</sup> QUARTER   |
|---|---|
| <p><b>9-02-2023 to 20-02-2023</b><br/> <b>Understand project definition, gather requirement and finalize the project scope.</b></p>   | <p><b>21-02-23 to 10-03-2023</b><br/> <b>We design the system and draw various diagram such as:</b></p> <ul style="list-style-type: none"> <li>• Use Case Diagram</li> <li>• Sequence Diagram</li> <li>• Data Dictionary</li> </ul> |
| 3 <sup>rd</sup> QUARTER   | 4 <sup>th</sup> QUARTER   |
| <p><b>11-03-2023 to 25-03-2023</b><br/> <b>We implement the crude operation ofthe project, tested the module and documentation is prepared side by side.</b></p>  | <p><b>26-03-2023 to 12-04-2023</b><br/> <b>All the modules are integrated and tested as a whole system.</b><br/> <b>Bugs are reported during integration testing and regression testing</b></p>                                     |
| <b>FINAL QUARTER</b>  |   |
| <p><b>13-04-2023 To 04-05-2023</b><br/> <b>The suggestions and updating encountered during testing were covered . Test plan was made with testing on functionalities and UI</b><br/> <b>Final presentation and final documentation preparation also done.</b></p> |   |

## 5.4 Agile User Story

- A user story is a tool used in agile software development to capture a description of a software feature from other organization perspective. A user story describes the type of user, what they want and why. A user story helps to create a simplified description of a requirement.

| Sr no.       | Module Name         | Description   |
|--------------|---------------------|---|
| User Story 1 | Employee Management | This module contains employee's Personal and Professional data.               |
| User Story 2 | Attendance          | This module contains employee's Attendance with the help of application.      |
| User Story 3 | Salary Management   | This module contains employee's payroll details and generate the salary slip. |
| User Story 4 | Report and Document | This module contains employee's Reports and Documents.                        |

## 5.5 Agile Release Plan

| <u>TASK NAME</u>   | <u>RESPONSIBLE</u>   | <u>STAR T</u>   | <u>END</u>      | <u> DAYS</u> | <u>STATUS</u> |
|--------------------|--|-----------------|-----------------|--------------|---------------|
| SPRINT 1           | <b>Nandani<br/>Urvashi<br/>Gosiya<br/>Dharmin<br/>Anjali</b> | <b>9/02/23</b>  | <b>20/02/23</b> | <b>11</b>    | Complete      |
| Project Definition | <b>Nandani<br/>Urvashi<br/>Gosiya<br/>Dharmin</b>            | <b>9/02/23</b>  | <b>11/02/23</b> | <b>2</b>     | Complete      |
| Gather Requirement | <b>Nandani<br/>Urvashi<br/>Gosiya<br/>Dharmin</b>            | <b>12/02/23</b> | <b>20/02/23</b> | <b>8</b>     | Complete      |
| Project scope      | <b>Nandani<br/>Urvashi<br/>Gosiya<br/>Dharmin<br/>Anjali</b> | <b>21/02/23</b> | <b>23/02/23</b> | <b>3</b>     | Complete      |
| SPRINT 2           | <b>Anjali</b>  | <b>24/02/23</b> | <b>05/03/23</b> | <b>8</b>     | Complete      |
| Use Case Diagram   | <b>Anjali</b>  | <b>24/02/23</b> | <b>26/02/23</b> | <b>2</b>     | Complete      |
| Activity Diagram   | <b>Anjali</b>  | <b>26/02/23</b> | <b>01/03/23</b> | <b>3</b>     | Incomplete    |
| Sequence Diagram   | <b>Anjali</b>  | <b>02/03/23</b> | <b>05/03/23</b> | <b>3</b>     | Incomplete    |
| SPRINT 3           | <b>Nandani<br/>Urvashi<br/>Gosiya<br/>Dharmin<br/>Anjali</b> | <b>06/03/23</b> | <b>27/03/23</b> | <b>21</b>    | Complete      |
| Black -Box Testing | <b>Nandani<br/>Urvashi<br/>Gosiya<br/>Dharmin</b>            | <b>06/03/23</b> | <b>14/04/23</b> | <b>8</b>     | Complete      |
| Unit Testing       | <b>Nandani<br/>Urvashi</b>                                   | <b>14/03/23</b> | <b>25/03/23</b> | <b>11</b>    | Complete      |

# HUMAN RESOURCE MANAGEMENT SYSTEM



|                      | <b>Gosiya<br/>Dharmin</b>                                    |                 |                 |          |            |
|----------------------|--|-----------------|-----------------|----------|------------|
| Documentation        | <b>Nandani<br/>Urvashi<br/>Gosiya<br/>Dharmin<br/>Anjali</b> | <b>26/03/23</b> | <b>01/04/23</b> | <b>7</b> | Incomplete |
| SPRINT 4             | <b>Nandani<br/>Urvashi<br/>Gosiya<br/>Dharmin<br/>Anjali</b> | <b>02/04/23</b> | <b>04/04/23</b> | <b>3</b> | Complete   |
| Integrate Modules    | <b>Nandani<br/>Urvashi<br/>Gosiya<br/>Dharmin</b>            | <b>05/04/23</b> | <b>12/04/23</b> | <b>7</b> | Complete   |
| System Testing       | <b>Nandani<br/>Urvashi<br/>Gosiya<br/>Dharmin</b>            | <b>12/04/23</b> | <b>17/04/23</b> | <b>6</b> | Complete   |
| Changes Incorporated | <b>Nandani<br/>Urvashi<br/>Gosiya<br/>Dharmin</b>            | <b>18/04/23</b> | <b>25/04/23</b> | <b>7</b> | Complete   |
| Documentation        | <b>Anjali</b>  | <b>26/04/23</b> | <b>04/04/23</b> | <b>8</b> | Complete   |

## 5.6 Agile Test Plan

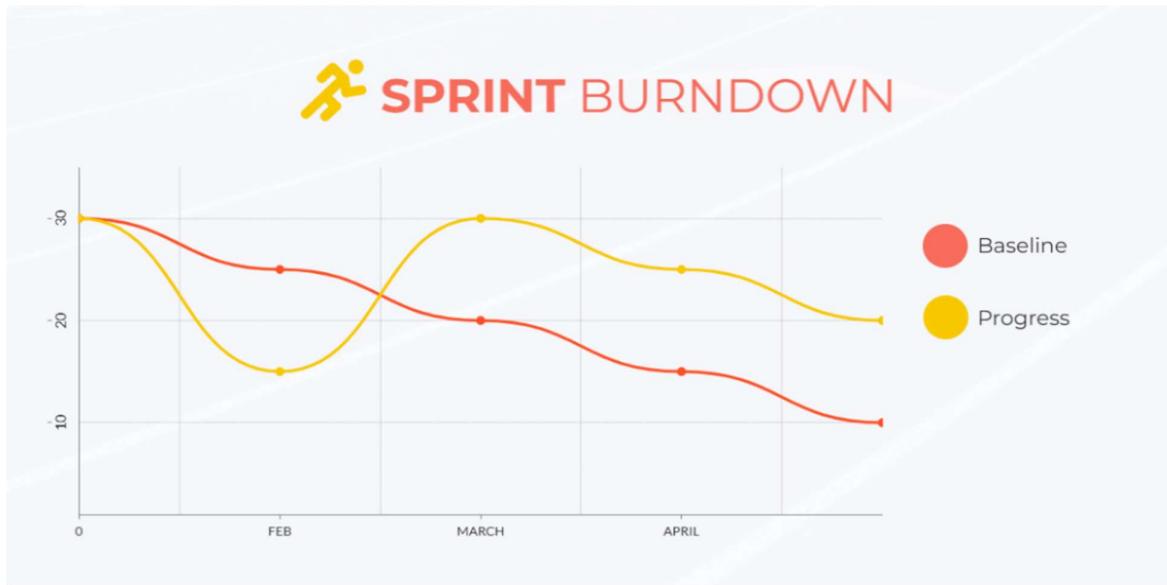
| <u>PROJECT NAME</u> | <u>HUMAN RESOURCE MANAGEMENT SYSTEM</u> |   | <u>BROWSER</u>   | <u>GOOGLE CHROME</u>       |   |
|---------------------|---|---|--|----------------------------|---|
| <u>WRITTEN BY</u>   |   |   | <u>DESCRIPTION</u>   | <u>09-02-2023</u>          |   |
| <u>TESTED BY</u>    |   |   | <u>TESTED ON</u>   | <u>25-04-2023</u>          |   |
| <u>TEST #</u>       | <u>DATE</u>                             | <u>ACTION</u>                               | <u>EXPECTED RESULTS</u>                                    | <u>ACTUAL RESULTS</u>      |   |
| 1                   | 09-02-23                                | Project Definition And Gathering requiremet | Project Definition Decided and understand the requirements | Started working on project | ✓ |
| 2                   | 05-03-23                                | Draw diagrams                               | All the diagrams are drawn correctly.                      | Diagrams are completed     | ✓ |
| 3                   | 25-03-23                                | organization data                           | All the details of the organization are stored properly.   | Obtained trained data.     | ✗ |
| 7                   | 01-04-23                                | Module Designs                              | Module designed for system                                 | Designed successfully      | ✗ |
| 8                   | 17-04-23                                | Test the module                             | Module should be error free                                | Module has errors          | ✓ |

## HUMAN RESOURCE MANAGEMENT SYSTEM



|    |          |                       |   |                                |   |
|----|----------|-----------------------|---|--------------------------------|---|
| 9  | 25-04-23 | Task work flow        | Check for proper task workflow of the system. | completed                      | ✓ |
| 10 | 30-04-23 | Tested overall system | System is completed with no errors            | System works properly          | ✓ |
| 11 | 04-04-23 | Documentation         | Report is generated                           | Report generation is completed | ✓ |

## 5.6 Agile Test Plan



# C

## Chapter-6

### Proposed Enhancement

#### 6. Proposed Enhancement

- Human resource management is the strategic approach to nurturing and supporting employees and ensuring a positive workplace environment.
- Some module's will be added like leave management or Experience.

# C

Chapter-7  
Conclusion

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## 7. Conclusion

- The Project is almost complete with all the modules integrated with each other thus, completing the application and making it whole. The client provides further work such as feature requested, live support training, discussion in comment approve.

# C

Chapter-8  
Bibliography

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## 8. Bibliography

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