

# **NEXFORE HR MANAGEMENT SYSTEM – Project Submission**

**Submitted by:** Harshal Ahire

**Date:** 19th December 2025

**GitHub Repository:**

[https://github.com/harshalahiregit/NEXFORE-HR\\_MANAGEMENT\\_SYSTEM](https://github.com/harshalahiregit/NEXFORE-HR_MANAGEMENT_SYSTEM)

---

## **1. Project Overview**

The Nexfore HR Management System is a web-based application developed using PHP CodeIgniter 3, designed to manage HR operations efficiently.

### **Key Functionalities:**

- Employee Management (Add/Edit/Delete)
- Department Management
- Database handling with SQL file
- Simple and functional UI

### **Tech Stack:**

- Backend: PHP 7.4 + CodeIgniter 3
  - Database: MySQL
  - Server: XAMPP (Apache + MySQL)
  - Version Control: Git & GitHub
- 

## **2. Project Files**

The project contains the following main folders and files:

- **application/**

    controllers/ → Handles application logic

    models/ → Handles database operations

    views/ → Contains page templates

- **database/**

    mini\_hr\_mgt\_sys\_db.sql → SQL dump of the project database

- **index.php** → Entry point of the application
  - **.htaccess** → URL rewriting configuration
- 

### 3. Setup Instructions

1. Install XAMPP and start Apache and MySQL.

2. Clone the repository:

```
git clone https://github.com/harshalahiregit/NEXFORE-HR_MANAGEMENT_SYSTEM.git
```

3. Copy the project folder into htdocs.

4. Create a database (e.g., mini\_hr\_mgt\_sys\_db).

5. Import SQL from database/mini\_hr\_mgt\_sys\_db.sql via phpMyAdmin.

6. Configure database connection in application/config/database.php:

```
$db['default'] = array(  
    'hostname' => '127.0.0.1',  
    'username' => 'root',  
    'password' => "",  
    'database' => 'mini_hr_mgt_sys_db',  
    'dbdriver' => 'mysqli',  
);
```

7. Open in browser:

<http://localhost/Nexfore/>

**Login Credentials:** -

Admin Username: admin@nexfore.com

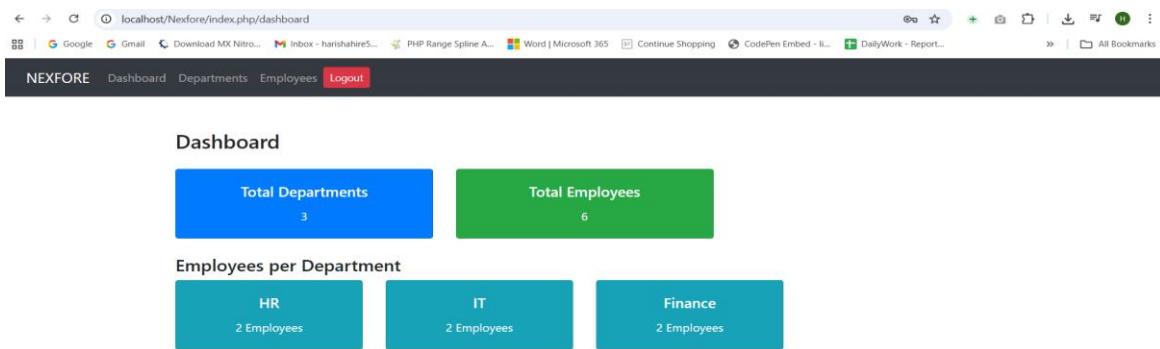
Password: 123456

---

### 4. Features & Screenshots

#### 4.1 Dashboard

Screenshot of HR management System Dashboard here



## 4.1 Employee Management

screenshot of employee add here

The screenshot shows the 'Add Employee' form with the following fields:

- Name:** Input field (empty)
- Email:** Input field (empty)
- Department:** A dropdown menu titled 'Select Department' containing three options: 'Select Department', 'HR', 'IT', and 'Finance'. The 'Select Department' option is currently selected.
- Add Employee:** A green button at the bottom of the form.

screenshot of employee edit here



### Edit Employee

Back

Name

Harshal E Ahire

Email

harshal@gmail.com

Department

HR

Position

Senior Manager

Salary

60000.00

[Update Employee](#)

### screenshot of employee list here with Filter and Search Option



### Employees

[Add Employee](#)

Search name or email

All Departments

[Search](#)

[Reset](#)

ID	Name	Email	Department	Position	Salary	Actions
3	Harshal E Ahire	harshal@gmail.com	HR	Senior Manager	60000.00	<a href="#">Edit</a> <a href="#">Delete</a>
4	Rahul	rahul@gmail.com	IT	Worker	20000.00	<a href="#">Edit</a> <a href="#">Delete</a>
5	Nilima	nilima@gmail.com	Finance	CA	30000.00	<a href="#">Edit</a> <a href="#">Delete</a>
6	Nishant	nishant@gmail.com	Finance	CFO	40000.00	<a href="#">Edit</a> <a href="#">Delete</a>
7	Test User	testuser@gmail.com	HR	Tester	25000.00	<a href="#">Edit</a> <a href="#">Delete</a>
9	TOKEN Test User	testuserwithTOKEN@gmail.com	IT	Tester	35000.00	<a href="#">Edit</a> <a href="#">Delete</a>

[Back](#)

## 4.2 Department Management

- Screenshot of List of departments here

NEXFORE		Dashboard	Departments	Employees	<a href="#">Logout</a>				
<b>Departments</b>									
<a href="#">Add Department</a>									
ID	Department Name								
1	HR								
2	IT								
3	Finance								
<a href="#">Delete</a>									
<a href="#">Delete</a>									
<a href="#">Delete</a>									
<a href="#">Back</a>									

- Sceenshot of add departments here

NEXFORE		Dashboard	Departments	Employees	<a href="#">Logout</a>
<b>Add Department</b>					
Department Name					
<input type="text"/>					
Description					
<input type="text"/>					
<a href="#">Add</a>	<a href="#">Back</a>				

## 4.3 Database

- SQL dump included in database/mini\_hr\_mgt\_sys\_db.sql

screenshot of database tables here

---

## 5. Authentication / Token Example

- To access secure API endpoints (if implemented), a token is required. Example token usage:

**Token:** NEXFORE123456

You can test the API locally using the following URLs

Action	URL (local)	Method	Description
Add Employee	http://localhost/Nexfore/index.php/api/employees/store	POST	Add a new employee record (requires JSON body and token)
Update Employee	http://localhost/Nexfore/index.php/api/employees/update/{id}	PUT	Update employee details by ID
Get Employee List	http://localhost/Nexfore/index.php/api/employees	GET	Fetch all employees
Get Employee Details	http://localhost/Nexfore/index.php/api/employees/{id}	GET	Fetch employee by ID
Delete Employee	http://localhost/Nexfore/index.php/api/employees/delete/{id}	DELETE	Delete employee by ID

---

## 5. Notes

- Make sure to import the SQL file before running the application.
- All code is present in the GitHub repository.
- The application is tested and working on local XAMPP server.