

NEXFORE HR MANAGEMENT SYSTEM – Project Submission

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GitHub Repository:

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: -

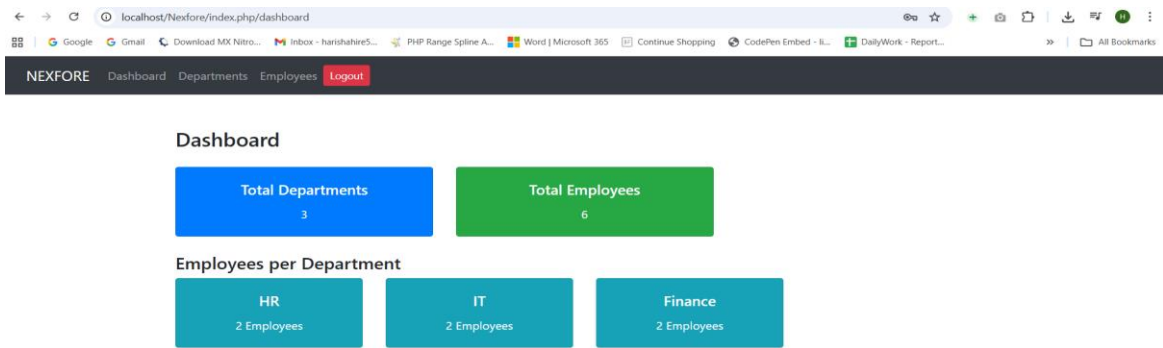
Admin Username: admin@nexfore.com

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 in the NEXFORE application. The browser URL is `localhost/Nexfore/index.php/employees/create`. The header is identical to the dashboard. The form includes a "Back" button, followed by input fields for "Name" and "Email", and a "Department" dropdown menu. The dropdown is open, showing options: "Select Department", "HR", "IT", and "Finance". Below the dropdown is another empty input field. At the bottom of the form is a green "Add Employee" button.

screenshot of employee edit here

localhost/Nexfore/index.php/employees/edit/3

NEXFORE Dashboard Departments Employees Logout

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

localhost/Nexfore/index.php/employees

NEXFORE Dashboard Departments Employees Logout

Employees

[Add Employee](#)

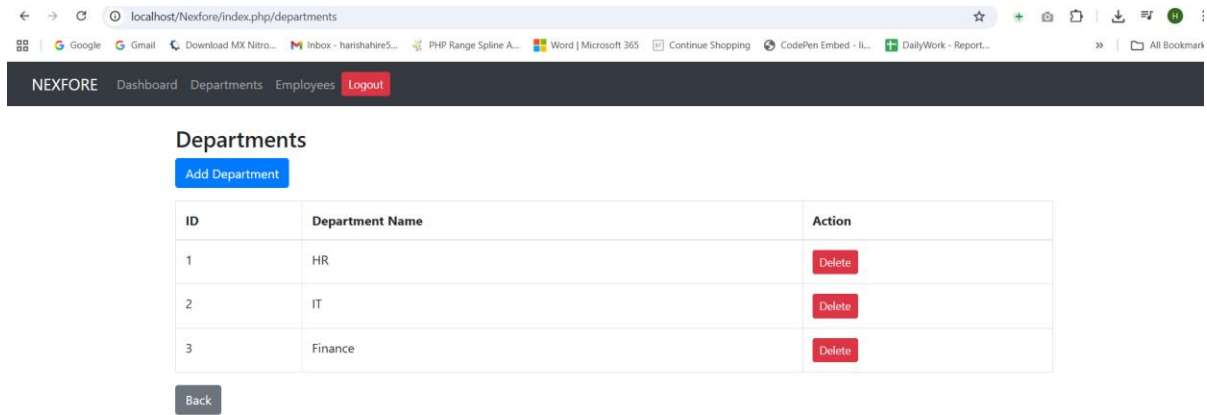
Search name or email All Departments [Search](#) [Reset](#)

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

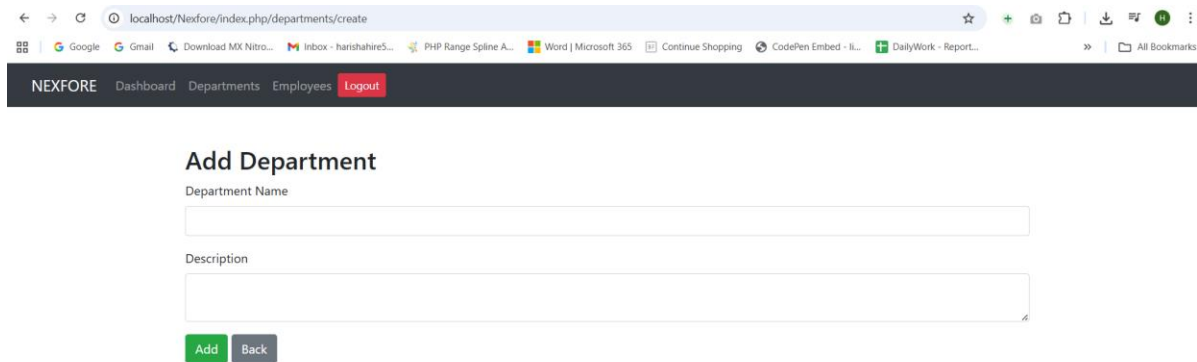
[Back](#)

4.2 Department Management

- Screenshot of List of departments here

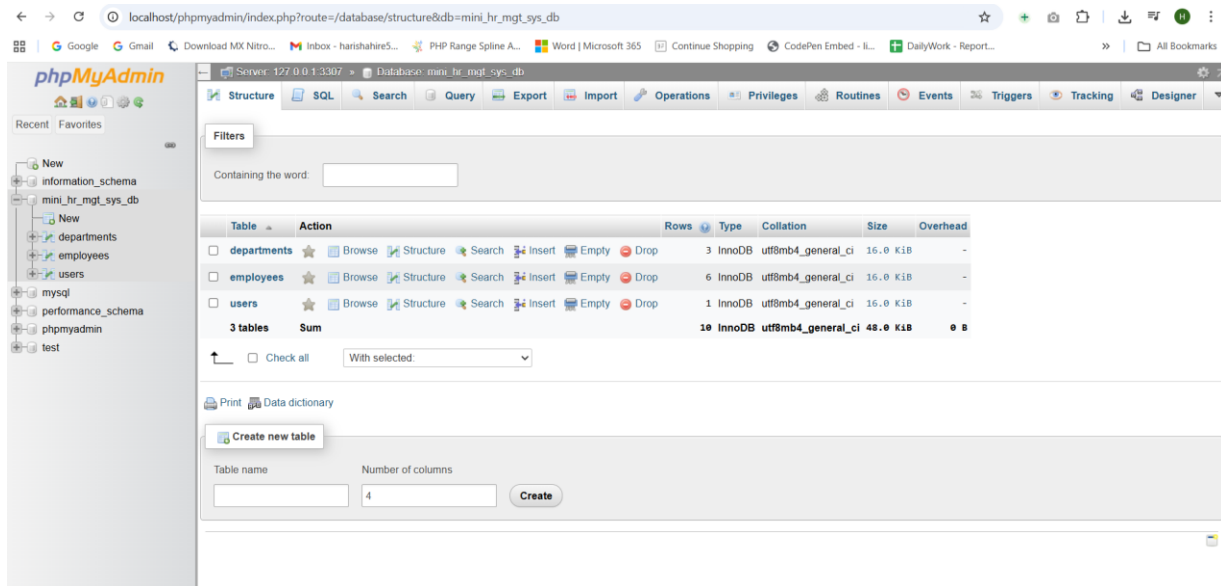


- Sceenshot of add departments here



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.