NEXFORE HR MANAGEMENT SYSTEM – Project Submission

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GitHub Repository:

https://github.com/harshalahiregit/NEXFORE-HR_MANAGEMENT_SYSTEM

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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

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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

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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',

        );
```
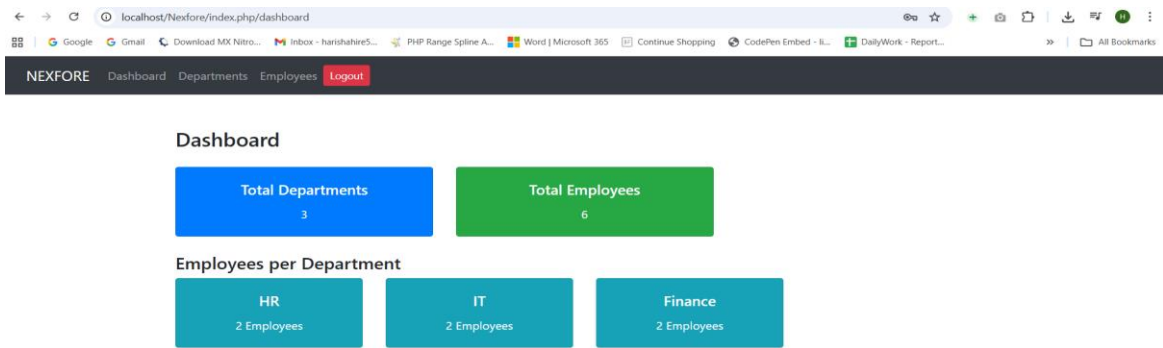
7. Open in browser:

 http://localhost/Nexfore/

Login Credentials: -

 Admin Username: admin@nexfore.com

Password: 123456

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4.Features & Screenshots

4.1 Dashboard

Screenshot of HR management System Dashboard here

4.1 Employee Management

screenshot of employee add here

screenshot of employee edit here

screenshot of employee list here with Filter and Search Option

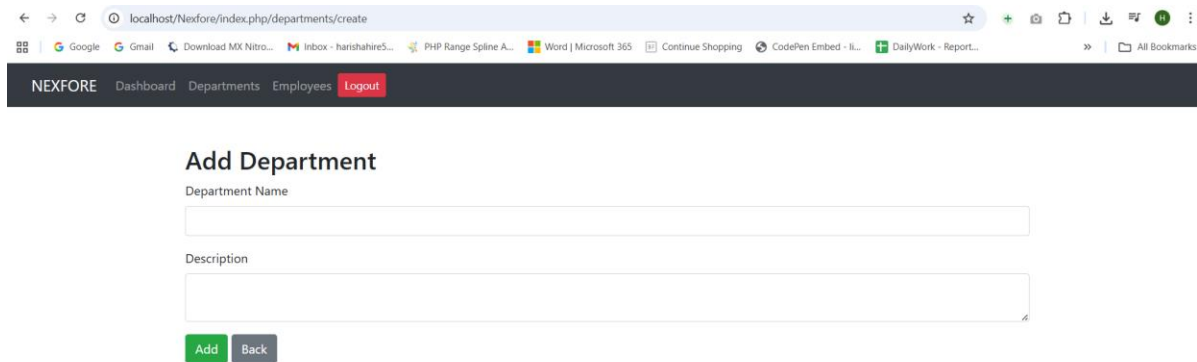## 4.2 Department Management

• Screenshot of List of departments here
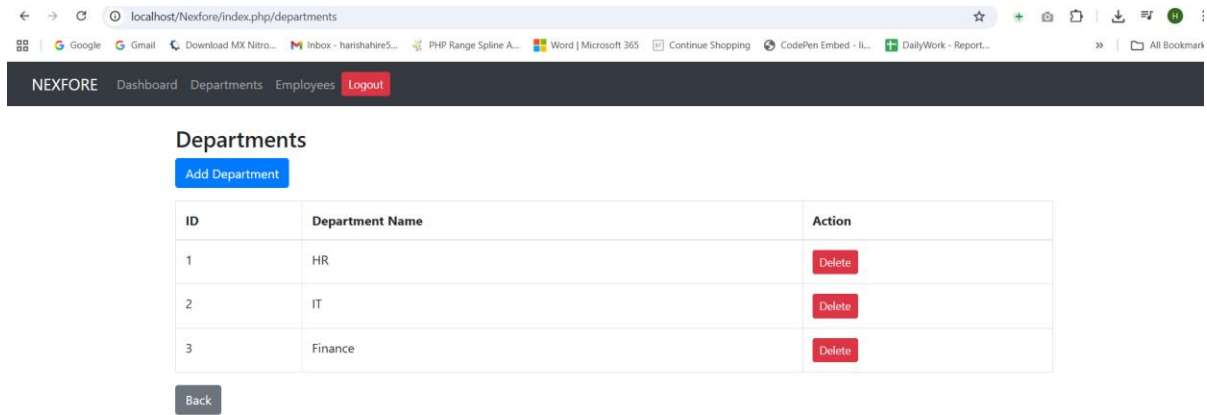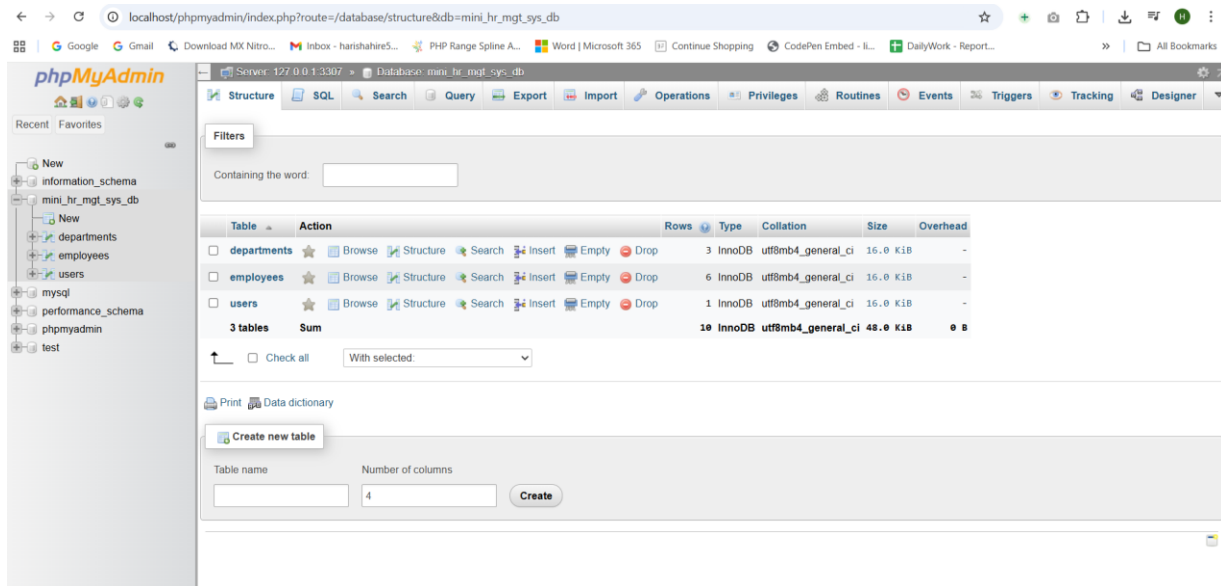
• Sceenshot of add departments here

4.3 Database

• SQL dump included in database/mini_hr_mgt_sys_db.sql

screenshot of database tables here

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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

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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.