# **HR SYSTEM – Frontend-Only Responsive Interface**

A static but structured Human Resource Management System (HRMS) built using HTML, CSS, Vanilla JavaScript, and Bootstrap.  
Developed by **Owethu Sityata** and team for **Module 1 Frontend Core Project**, the project simulates essential HR operations such as employee management, leave tracking, payroll display, and performance reviews all within a responsive interface suitable for desktop and mobile viewing.

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## **Live Demo**

[**Click here to view the live demo**](https://chatgpt.com/#)

### **Screenshot Placeholders**

* **Splash Screen Preview** Splash Screen
* **Login Page Preview** Login Page
* **Dashboard Preview** Dashboard

## **Technologies Used**

* HTML
* CSS
* JavaScript (Vanilla JS) – For frontend interactions
* Bootstrap – For responsive layout and components

## **Setup Instructions**

## **Clone or Download the Repository:** git clone [https://github.com/Owethu-Sityata/HR-System-Frontend.git]

cd HR\ projectSS

**Important: Folder Naming Requirement** The project’s CSS files are linked relative to a root directory named:  
  
 HR projectSS

1. Ensure this exact folder name is maintained when cloning or renaming the project. Incorrect folder naming may result in broken stylesheet links.
2. **Run Locally Using VS Code:** This project is optimized for local development using **Visual Studio Code** with the **Live Server extension**.  
   * Open the project folder in Visual Studio Code
   * Right-click on splash.html and select **"Open with Live Server"**
   * The project will automatically launch in your default web browser
   * Live Server also provides hot reloading for easier development and testing
3. If you do not have Live Server installed, you can add it via the VS Code Extensions Marketplace.

## **Navigation Flow**

1. **Start at Splash Screen** (splash.html)  
   * Click anywhere to continue
2. **Login Page** (login.html)  
   * Username: admin
   * Password: admin123
3. **Dashboard** (index.html)  
   * Displays system overview, HR metrics, and static graphs
4. **Subpages:**
   * employee.html – Add or view employee records
   * leave\_requests.html – Submit/view leave requests
   * attendance.html – Placeholder for attendance tracking
   * payroll.html – Static view of salary breakdown
   * reviews.html – Submit performance feedback

## **Key Features**

* Dashboard with static visual summaries
* Dynamic employee addition functionality
* Leave request form with basic tracking
* UI structure for attendance logging
* Payroll page with example salary input fields
* Basic layout for submitting performance reviews
* Fully responsive across devices
* Modular structure with separate HTML, CSS, and JS files

## **Limitations & Lecturer Feedback**

* No persistent data — information resets on reload
* Lacks edit/delete features for employee records
* Charts are static and do not update dynamically
* Leave approvals and attendance systems are not functional
* No form validation or error feedback
* Minimal code comments
* Basic navigation flow and user interaction
* Needs layout tuning on small screen devices

## **Potential Improvements**

* Implement localStorage or integrate a backend API
* Enable edit/delete in dynamic data tables
* Make visual charts update dynamically
* Add workflow features for leave approvals
* Calculate real payroll data with downloadable payslips
* Add validation, input restrictions, and error handling
* Improve accessibility (ARIA, keyboard navigation, etc.)
* Consider using a frontend framework (React, Vue, etc.) for scalability

## **Group Members**

This project was developed by:

* Owethu Sityata
* Zenande Nocanda
* Juan Edeams

## **Credits**

* Bootstrap 5 – For layout and UI components

## **Author**

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