HR Manager WebApp

By

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Level-6

Final Project

Table of Contents

[Project Proposal 3](#_Toc27409809)

[Goals and Objectives 3](#_Toc27409810)

[Project Scope 3](#_Toc27409811)

[Project Specifications 3](#_Toc27409812)

[Target Audience 3](#_Toc27409813)

[Project Deliverables 4](#_Toc27409814)

[Resource Requirements 4](#_Toc27409815)

[Project Tasks and Milestones 4](#_Toc27409816)

[Project Assumptions 5](#_Toc27409817)

[Project Report 5](#_Toc27409818)

[Detail Design 6](#_Toc27409819)

[Login Page 6](#_Toc27409820)

HR Home [Page 6](#_Toc27409821)

[Employee Home Page 7](#_Toc27409822)

[Add Post HR View 7](#_Toc27409823)

[All Employee HR View 8](#_Toc27409824)

Add Employee Page [View 8](#_Toc27409825)

View Employee Details  [View 9](#_Toc27409826)

Employee Salary [View 9](#_Toc27409827)

[Project Testing 10](#_Toc27409828)

[User Manual 10](#_Toc27409829)

[Summary 10](#_Toc27409830)

[System Configuration 10](#_Toc27409831)

[User Access Levels 10](#_Toc27409832)

# Project Proposal

## Goals and Objectives

The main goal of the project is to design and make an online web application named “HR Manager Web App”. The main purpose of this web application to build a secure and easily accessible way to manage the employee details and their salary details. HR has different functionalities as compare to employee of organization. HR can add, edit, delete and check details of employee and generate their salary according to month year. Employee can access his details in organization database as well as view history of his/her salary.

## Project Scope

The scope of this project is wide and is to implement an app “HR Manager Web Application” with the help of which view the Employee and their salary management. The duration of the project is 20 working days which is equals to 4 weeks.

## Project Specifications

* HR login/logout
* Add, edit, delete and check details of Department, allowances and post available inside the organization.
* HR can delete, edit and check Employee Information available in database.
* HR can register new HR.
* Employee and HR can login/logout.
* Employee can access his/her personal details as well as history of his/her salary.

## Target Audience

The audience for this project is the people of organization and this web application specific to an organization. The age can go from 18 plus to 100 plus.

## Project Deliverables

The deliverables of the project are:

|  |  |
| --- | --- |
| Deliverable | Description |
| Final Report | This will be the final report of the project. |
| Coding | The executable code of the project will go under this. |
| Documentation | This portrays the documentation of the project. |
| Testing | All the test details will be covered in this part. |

## Resource Requirements

* Operating System – Windows 7 or higher
* Microsoft Word for documentation.
* Microsoft Excel for usability test.
* Asp.net MVC Framework
* 64-bit intel or AMD Processor and 2 GB or more RAM
* Identity framework- ASP

## Project Tasks and Milestones

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Tasks** | **Week-1** | **Week-2** | **Week-3** | **Week-4** |
| Brainstorming and analysis |  |  |  |  |
| Planning and initial meeting Project Proposal document. |  |  |  |  |
| Database Design and UI Design |  |  |  |  |
| Identity framework implementation |  |  |  |  |
| Coding for admin and reporter |  |  |  |  |
| Testing |  |  |  |  |
| Final Documentation and closing |  |  |  |  |

## Project Assumptions

Following are the assumption made while implementing the project:

* One HR and eight employee will be registered by default.
* Application will be free and open source.

# Project Report

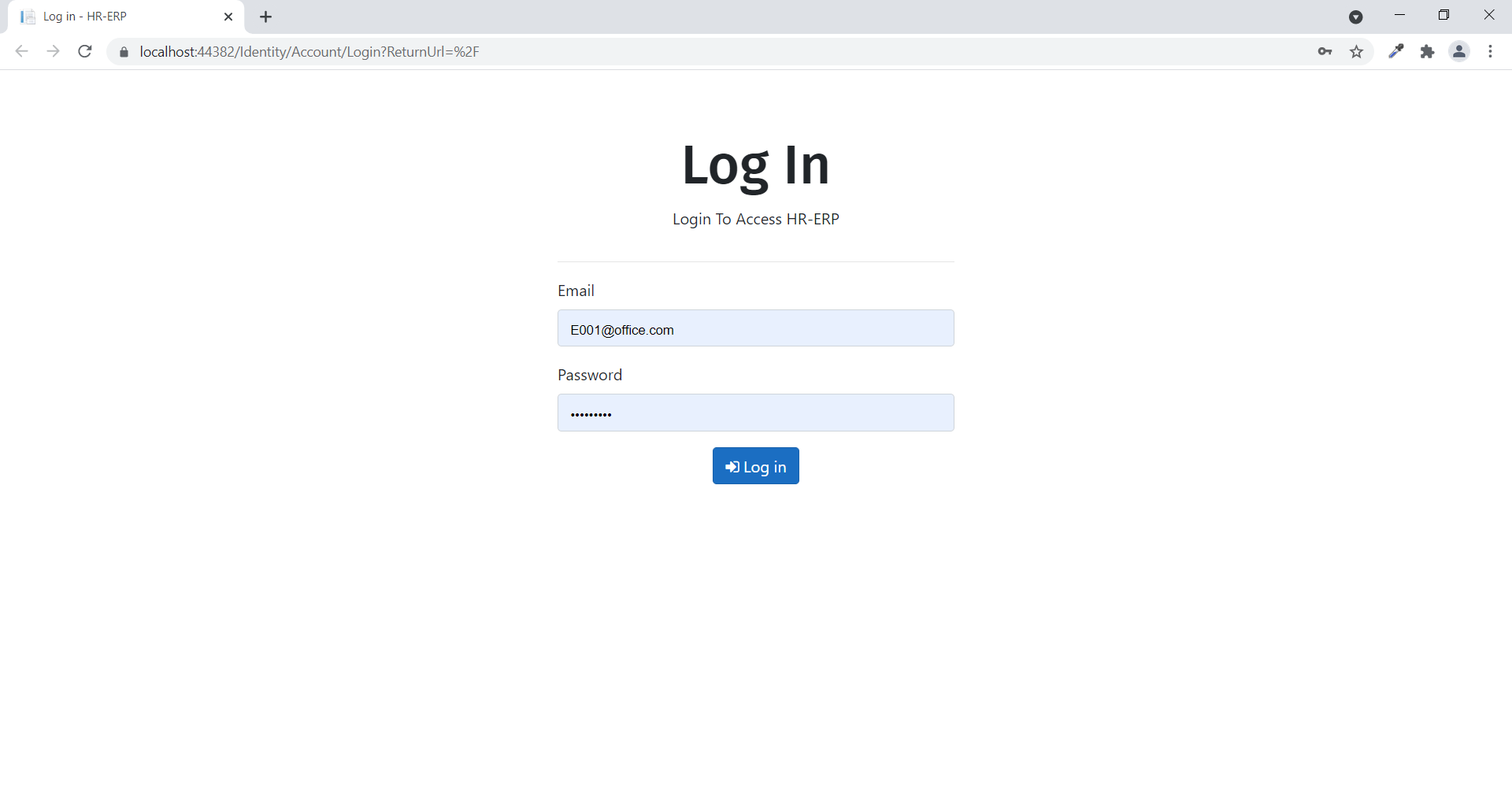
#### Functional and Non-Functional

|  |  |
| --- | --- |
| Users | Functional |
| HR | * Login/logout * Register new HR * HR can add, edit, delete, check details for department, allowances and post of organization. * HR can edit, delete and check details for employee of organization available at database. * HR can generate employee salary and capable of delete them if they wrongly generated |
| Employee | * Can view his/her personal details * Can view his/her history of salary |
|  | Non- Functional |
|  | * High speed * Fast Loading time * High performance and security * All browsers compatibility. |

## Detail Design

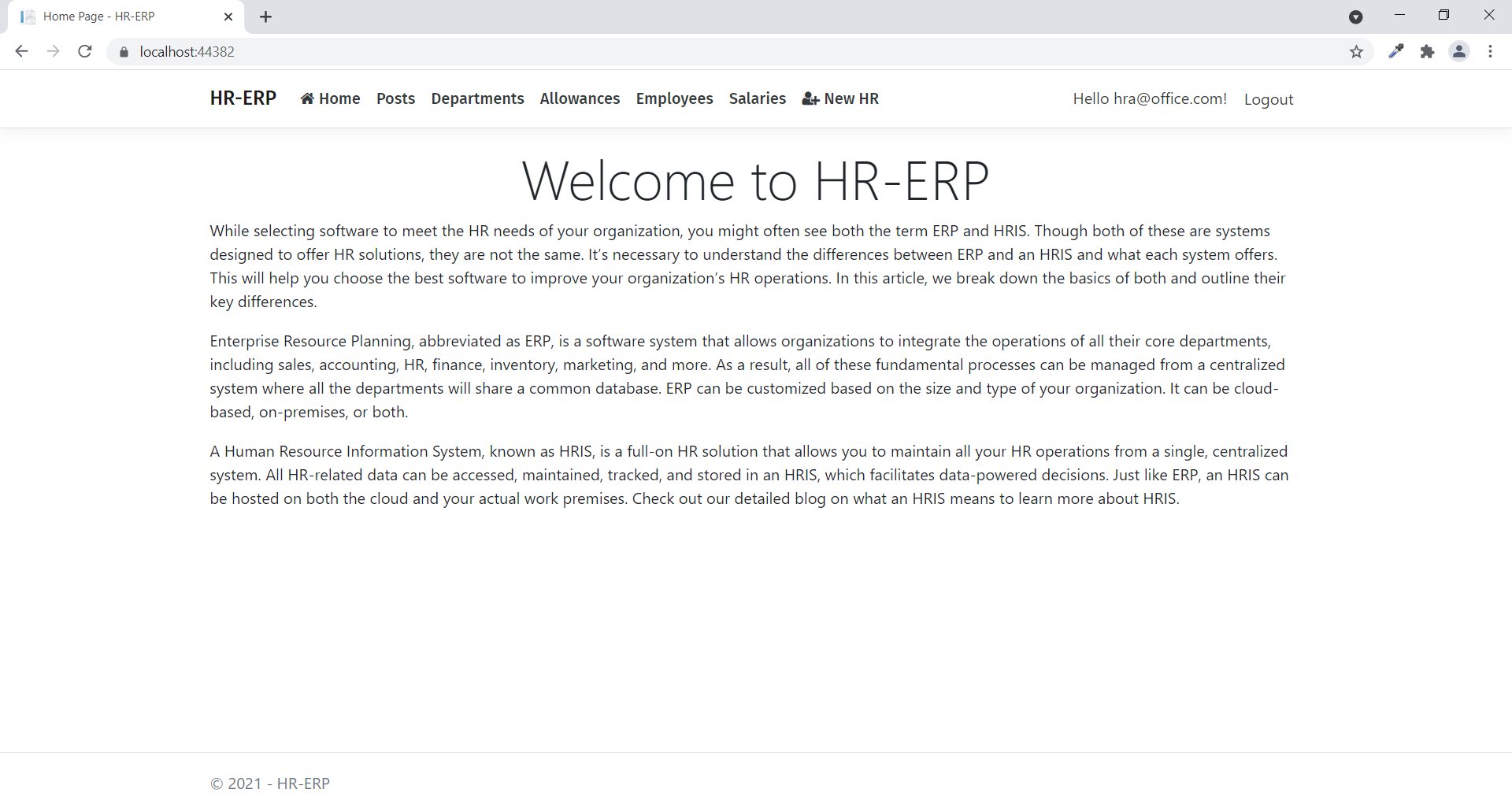
### Login Page

The main landing page of the application. Here, user can login with his/her credential to access appropriate content according to their role.



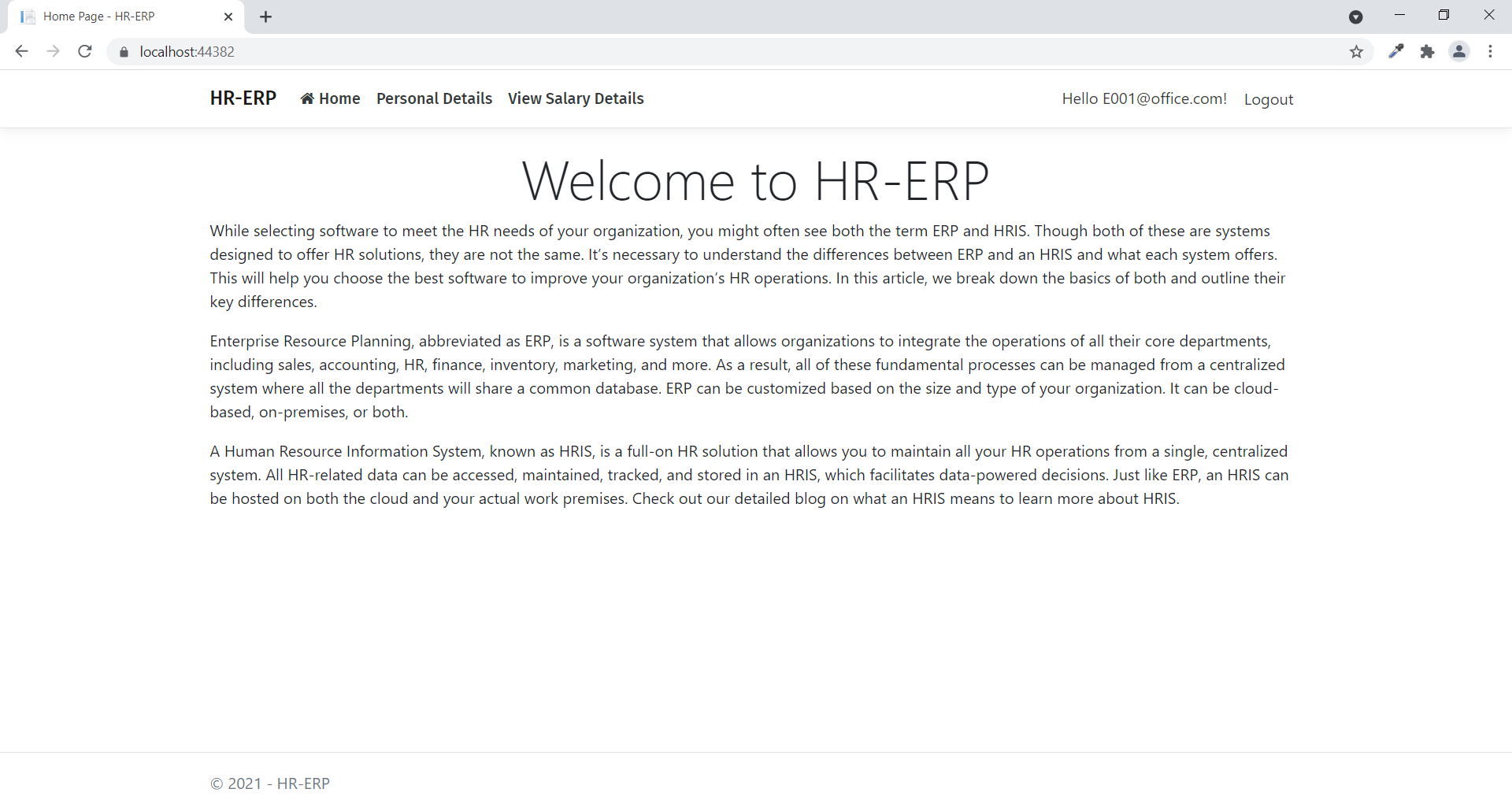
### HR Home Page

If user is HR, then, HR Home Page will appear which provide link of its functionality provided by the web application



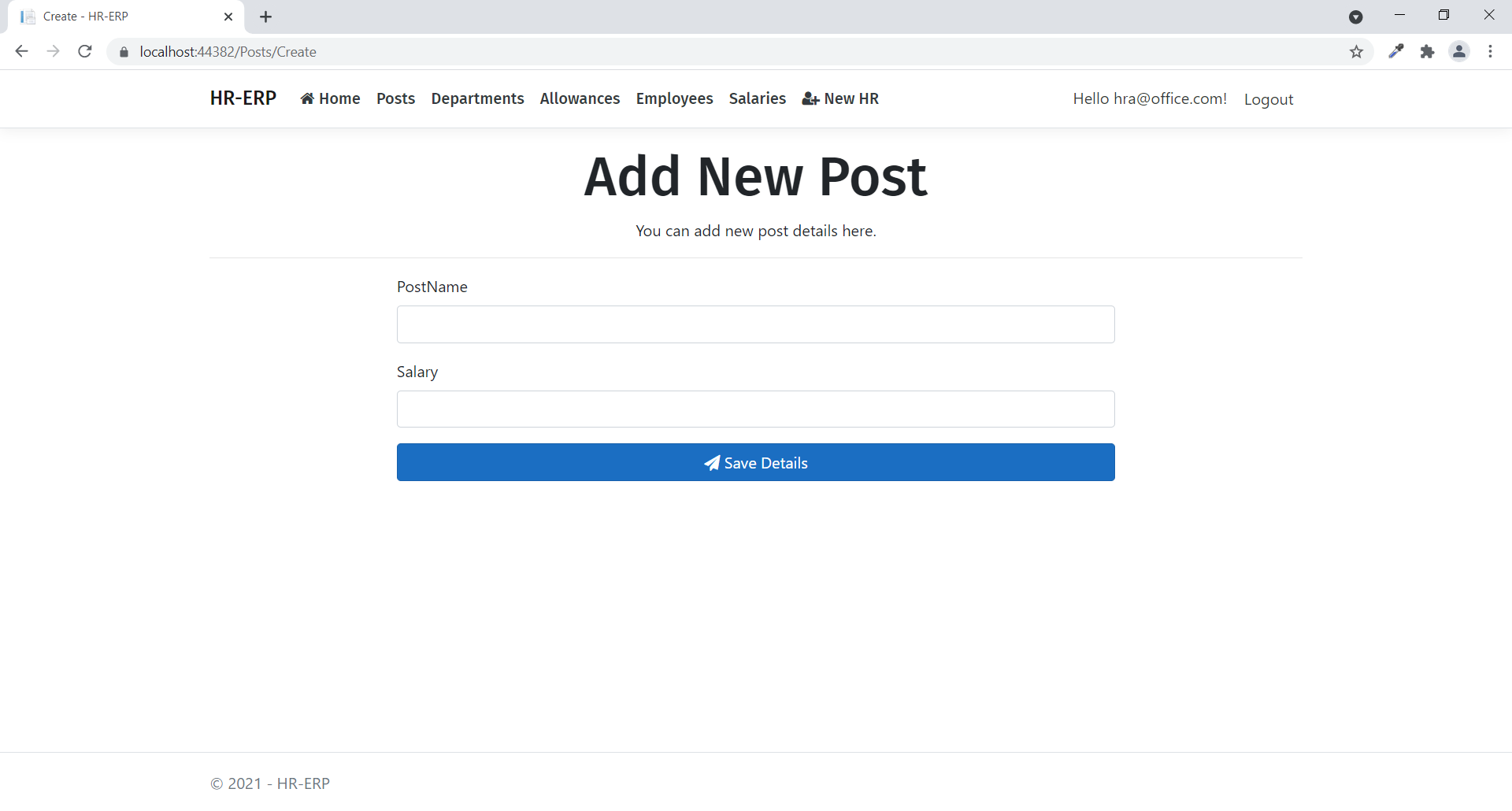
### Employee Home Page

If user is Employee, then, Employee Home Page will appear which provide link of its functionality provided by the web application



### Add POST HR Page

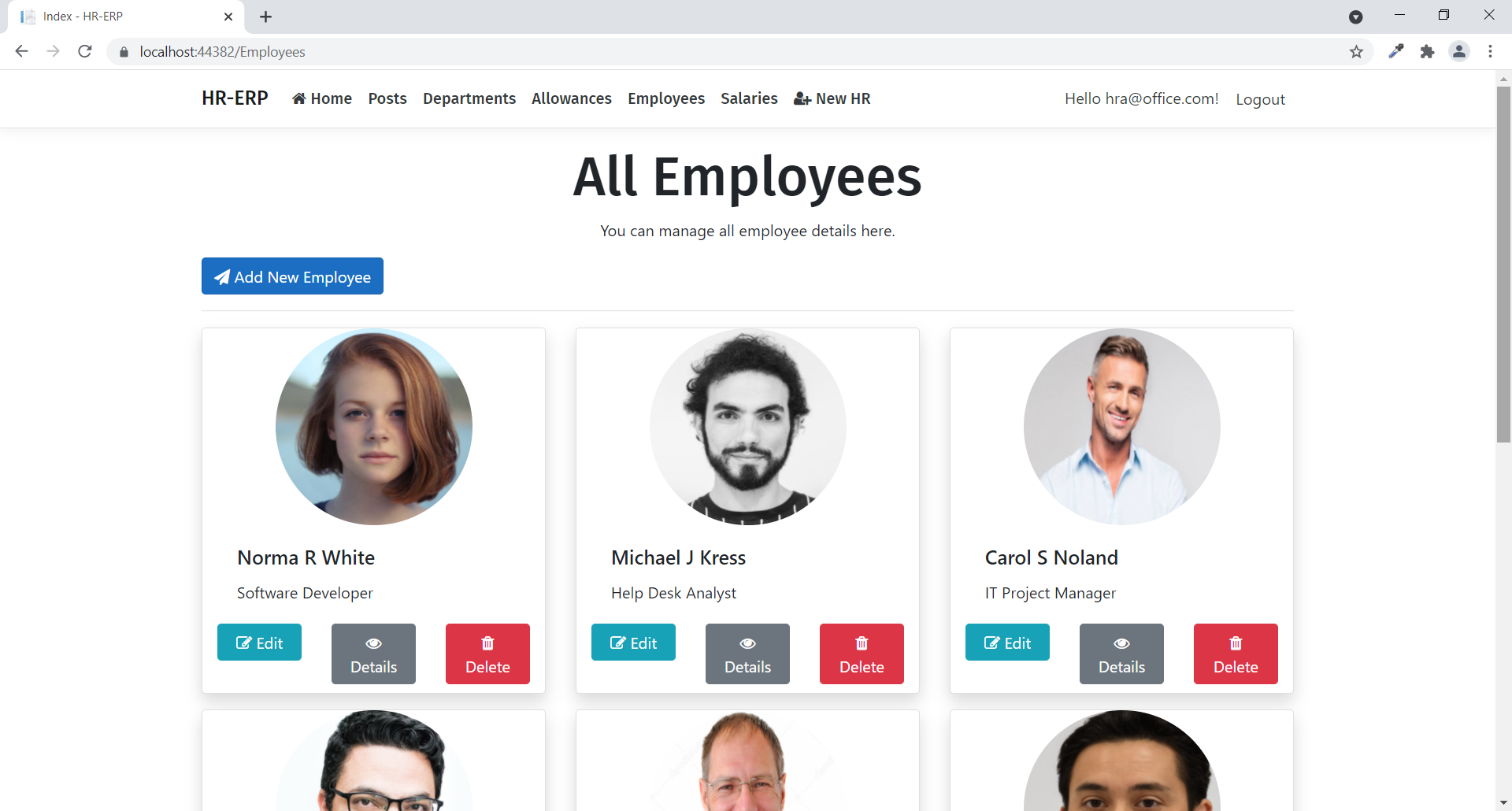
This page provides a way to add new post according to organization policies.



### 

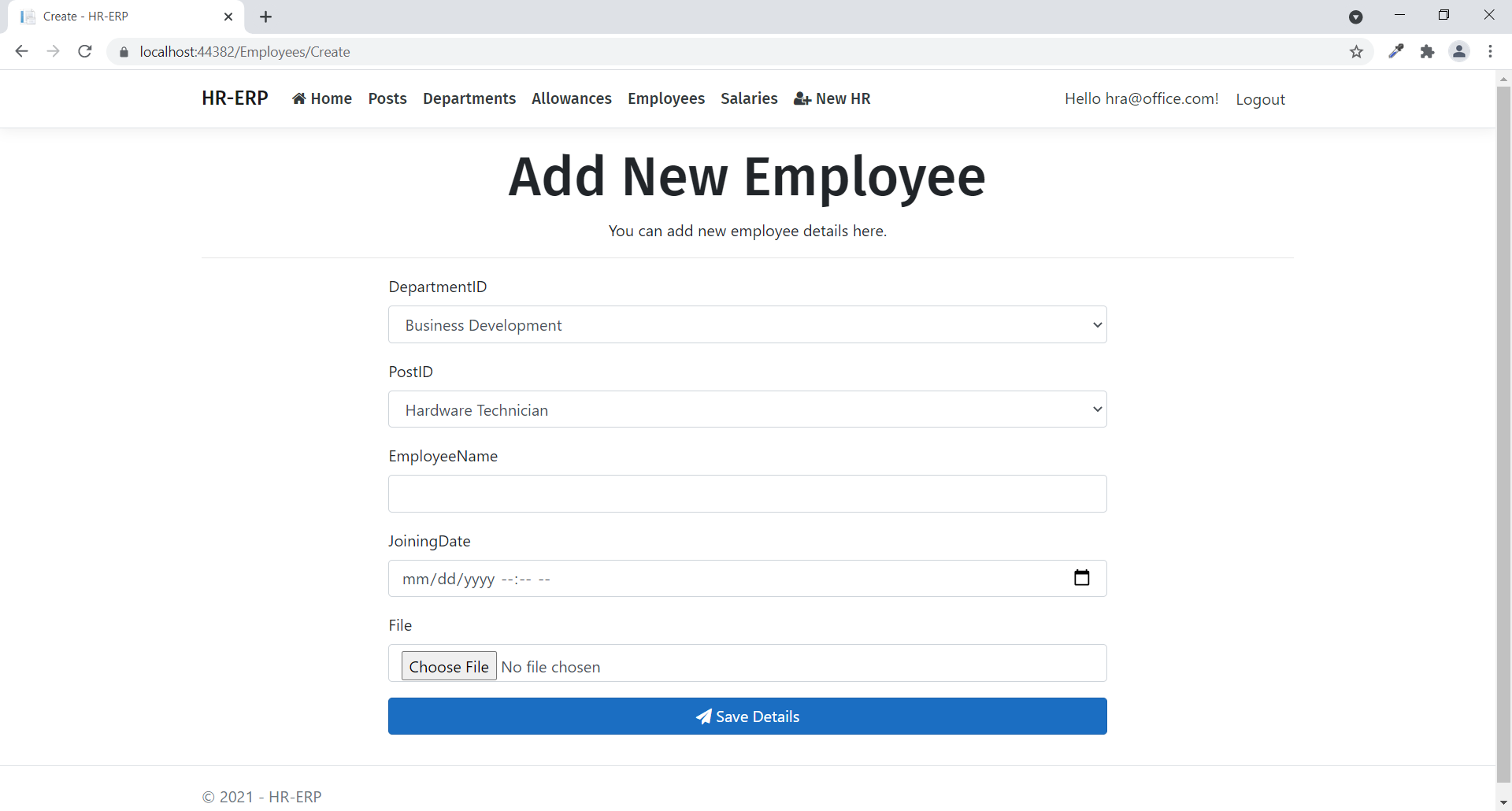
### All Employee HR Page

With the help of this page HR can view all employee details with their picture.



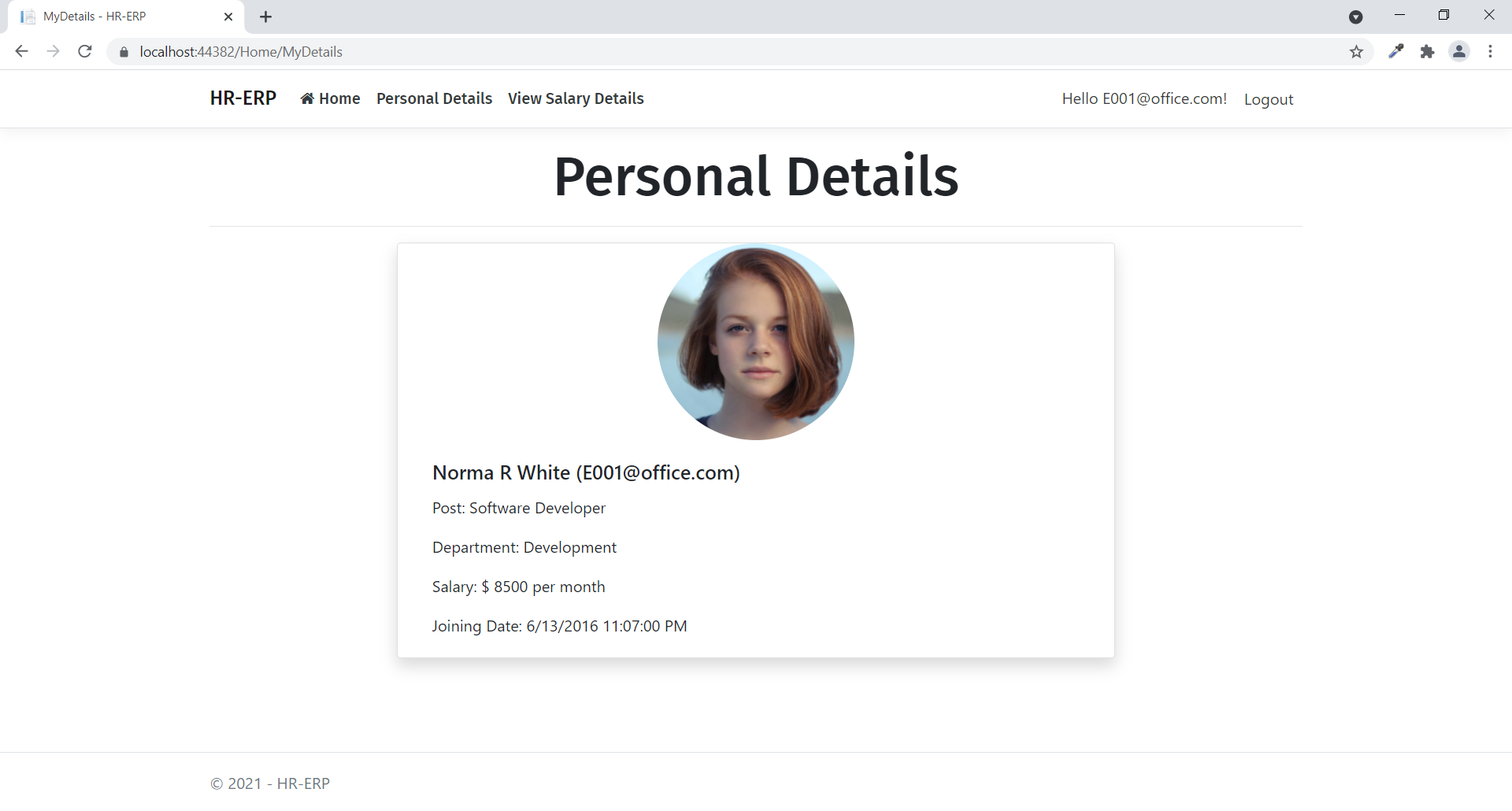
### Add Employee Page View

With the help of this page HR can add new employee to organization.



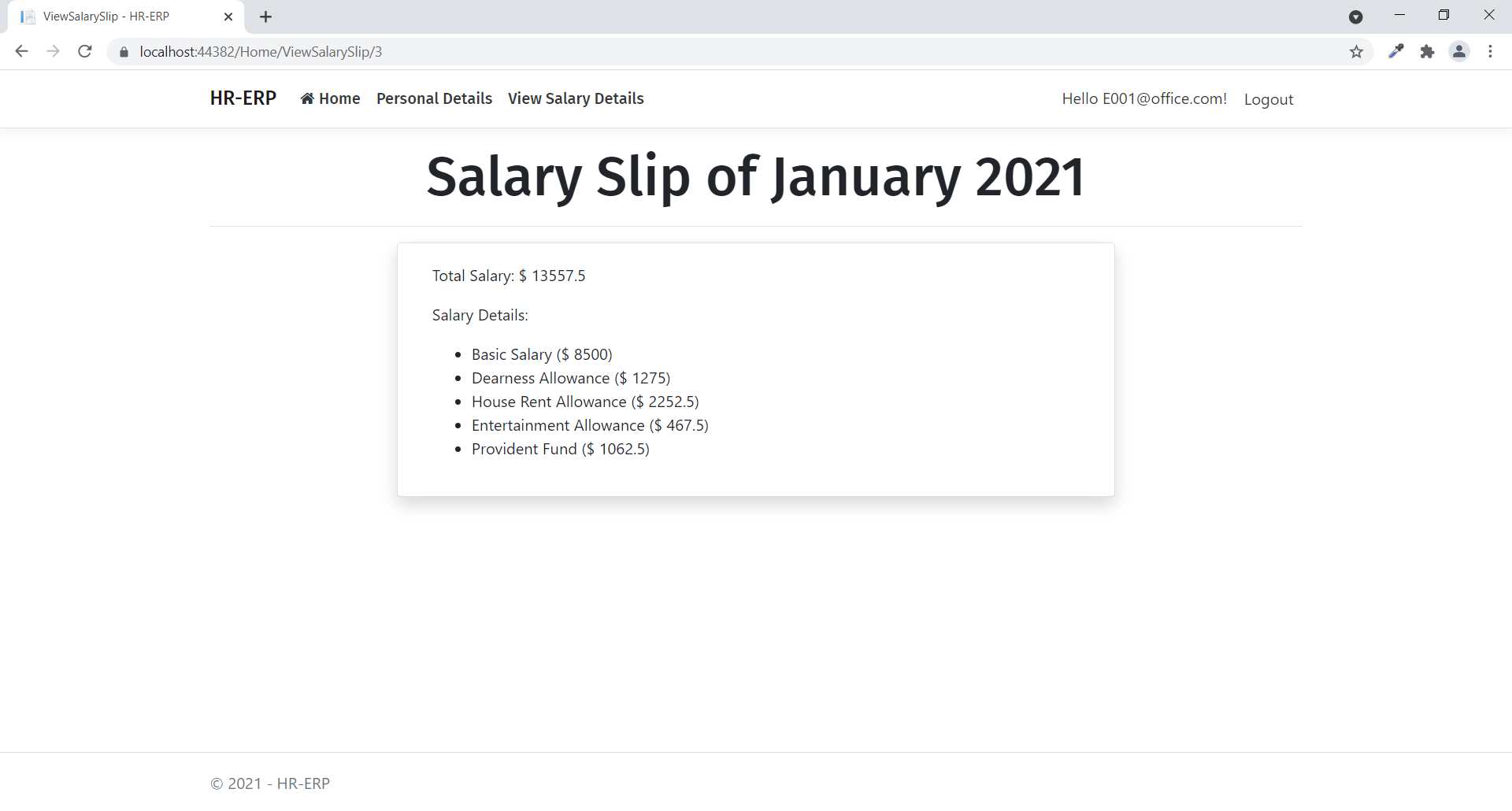
### View Employee Details View

With the help of this page employee can view his/her details store in organization database.



### Employee Salary View

This page shows the Employee Salary Slip of a month.



## Project Testing

The testing file for usability testing is attached as [usability test.xlsx](usability%20test.xlsx)

# User Manual

The main purpose of the application HR Manager Web App provide a central place for different hr and employee to access their details and salary details. In this application there are two types of users- hr and employee. HR has different functionalities as compare to registered user. HR can add, edit, delete and check details of employee details and their salary details. Employee user is capable to view his/her personal details as well as salary history.

## Summary

### System Configuration

This app will be useful to for distributing mobile information in presentable format.

### User Access Levels

Only registered users can access the features of this application.

* **HR:** HR has full access of the app can register new hr.
* **Employee:** Employee can login using their own credentials. They have limited access.