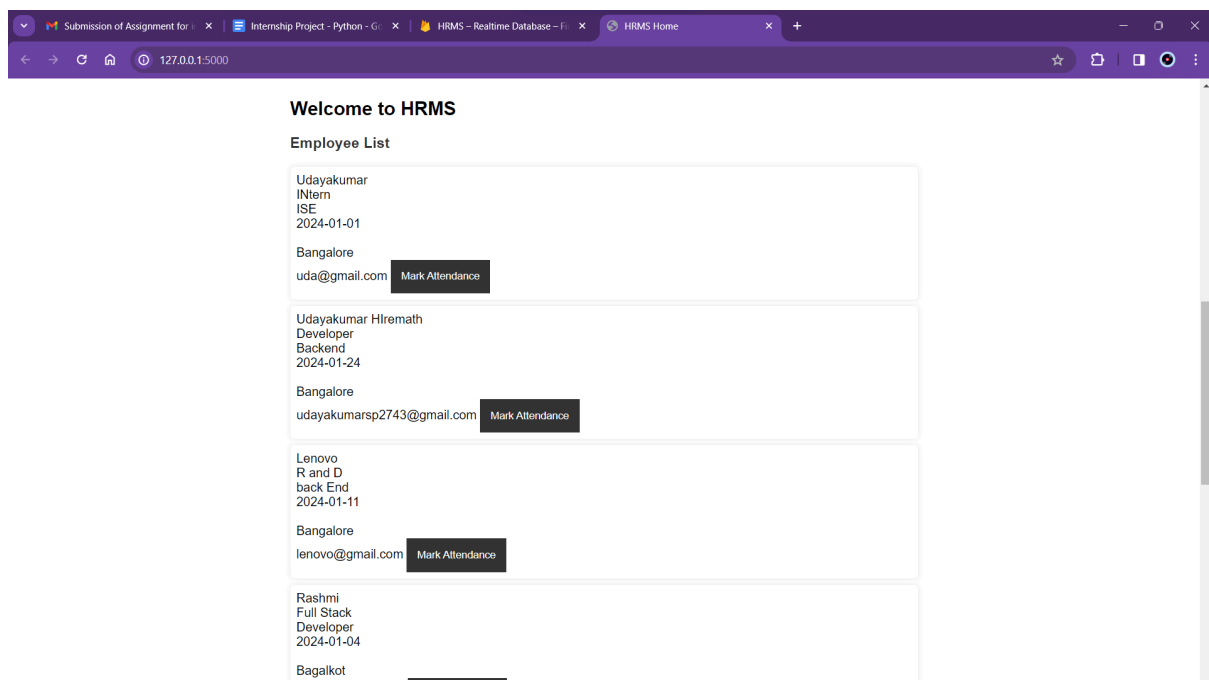
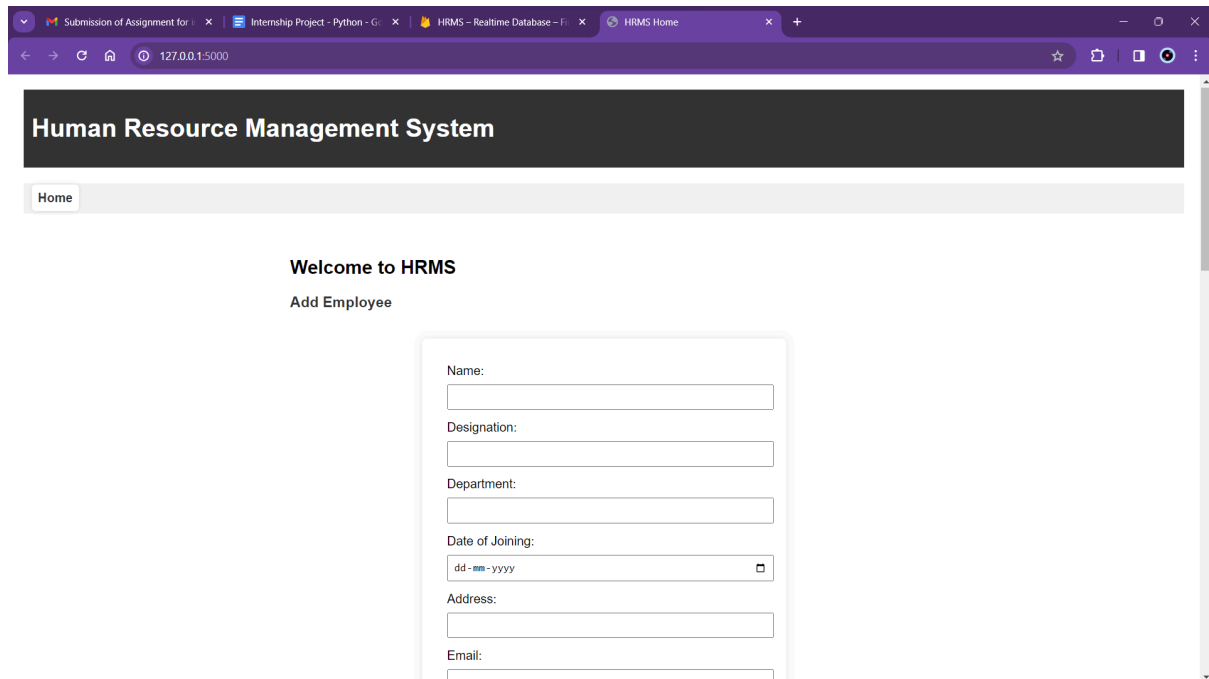


Report

1. Overview

This project simulates a Basic HRMS (Human Resource Management System) with functionalities such as employee management, attendance tracking, and basic reporting. The tasks are designed to cover various aspects of development

ScreenShots:



Submission of Assignment for
Internship Project - Python - G
HRMS - Realtime Database - F
HRMS Home

127.0.0.1:5000

☆ | 📄 | 🖨️ | 🔍

Welcome to HRMS

Employee List

Udayakumar
Intern
ISE
2024-01-01
Bangalore
uda@gmail.com

Mark Attendance

Udayakumar Hiremath
Developer
Backend
2024-01-24
Bangalore
udayakumarsp2743@gmail.com

Mark Attendance

Lenovo
R and D
back End
2024-01-11
Bangalore
lenovo@gmail.com

Mark Attendance

Rashmi
Full Stack
Developer
2024-01-04
Bagalkot

127.0.0.1:5000 says

Enter In Time (HH:MM):

OK Cancel

Submission of Assignment for
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HRMS Home

127.0.0.1:5000

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Mark Attendance

Mark Attendance

Employee Report

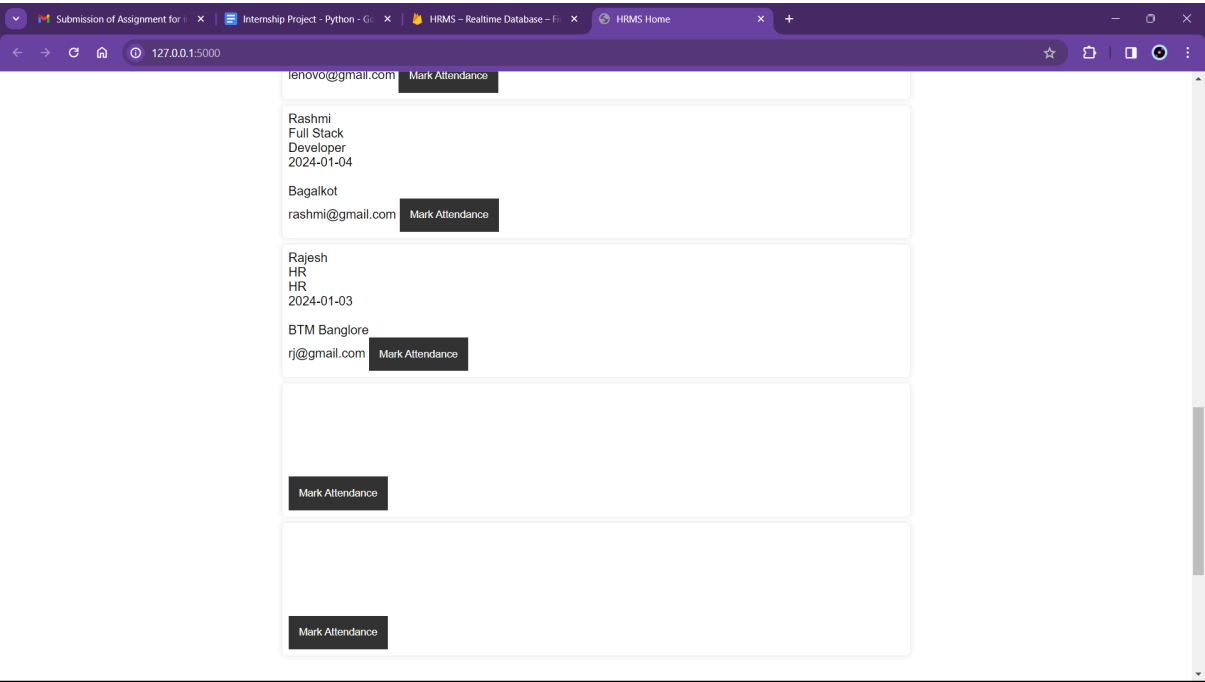
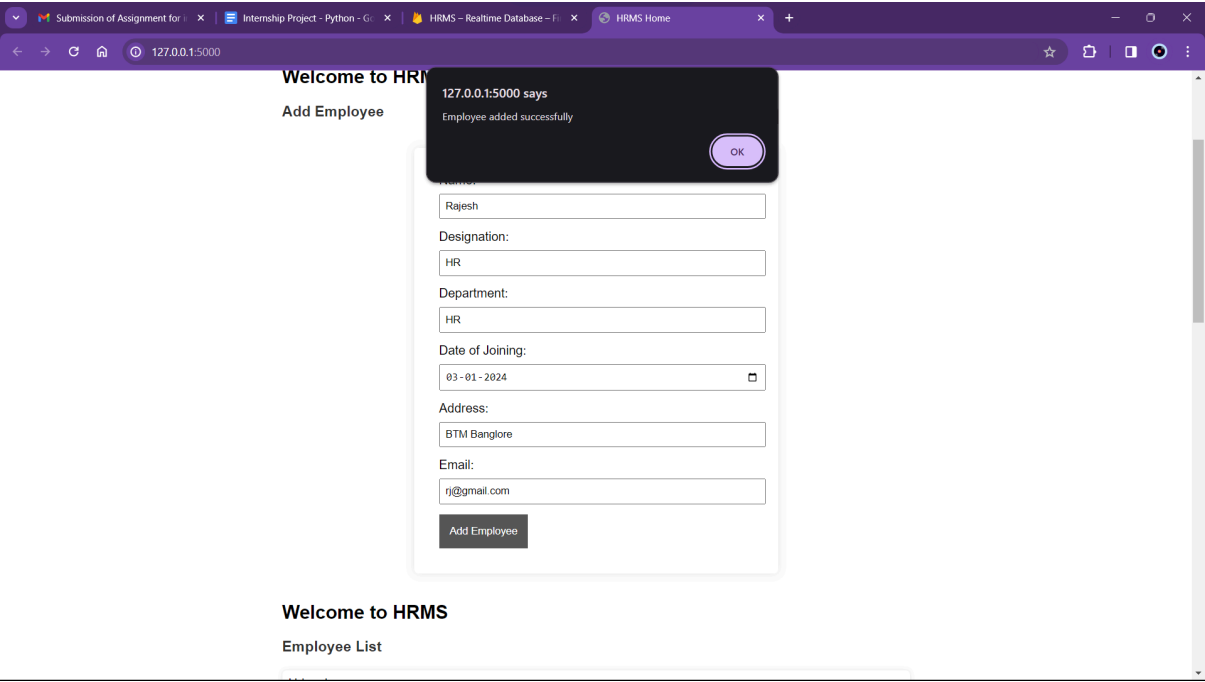
ISE: 1 employees

Backend: 1 employees

back End: 1 employees

Developer: 1 employees

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console.firebase.google.com/project/hrms-42a58/database/hrms-42a58-default-rtdb/data

Realtime Database

Protect your Realtime Database resources from abuse, such as billing fraud or phishing [Configure App Check](#)

```
https://hrms-42a58-default-rtdb.firebaseio.com

- Nok1Vpp0C8-HFZSsqKz
- NokBCkhs45Bz9t0OUX6
- NokJK6z3yR5Zmqm17J
  - NokJvjxP1d1rDmRP2X
    address: "Bagalkot"
    date_of_joining: "2024-01-04"
    department: "Developer"
    designation: "Full Stack"
    email: "rashmi@gmail.com"
    name: "Rashmi"
  in_time: "11:00"
  out_time: "50:00"
```

Database location: United States (us-central1)

Submission of Assignment for | x Internship Project - Python - G | x HRMS - Realtime Database - f | x HRMS Home

console.firebase.google.com/project/hrms-42a58/database/hrms-42a58-default-rtdb/data

Realtime Database

Protect your Realtime Database resources from abuse, such as billing fraud or phishing [Configure App Check](#)

```
https://hrms-42a58-default-rtdb.firebaseio.com

- Nok1Vpp0C8-HFZSsqKz
- NokBCkhs45Bz9t0OUX6
  - NokJK6z3yR5Zmqm17J
    address: "Bangalore"
    date_of_joining: "2024-01-11"
    department: "back End"
    designation: "R and D"
    email: "lenovo@gmail.com"
    name: "Lenovo"
  - NokJvjxP1d1rDmRP2X
    address: "Bagalkot"
    date_of_joining: "2024-01-04"
```

Database location: United States (us-central1)

File Edit Selection View Go Run ...

code [Administrator]

EXPLORER

CODE

static

templates

home.html

app.py

credentials.json

app.py > ...

```
1 from flask import Flask, render_template, request, jsonify
2 from firebase_admin import credentials, initialize_app, db
3
4 app = Flask(__name__)
5
6 # Firebase configuration
7 cred = credentials.Certificate('credentials.json')
8 firebase_app = initialize_app(cred, {'databaseURL': 'https://hrms-42a58-default-rtdb.firebaseio.com/'})
9
10 class Employee:
11     def __init__(self, name, designation, department, date_of_joining, address, email):
12         self.name = name
13         self.designation = designation
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

PS C:\Users\udaya\Desktop\code> & C:/Users/udaya/python/python.exe c:/Users/udaya/Desktop/code/app.py

* Serving Flask app 'app'

* Debug mode: on

WARNING: This is a development server. Do not use it in a production deployment. Use a production WSGI server instead.

* Running on http://127.0.0.1:5000

Press CTRL+C to quit

* Restarting with stat

* Debugger is active!

* Debugger PIN: 272-347-677

127.0.0.1 - - [22/Jan/2024 14:40:56] "GET / HTTP/1.1" 200 -

127.0.0.1 - - [22/Jan/2024 14:40:56] "GET /static/style.css HTTP/1.1" 304 -

127.0.0.1 - - [22/Jan/2024 14:41:33] "POST /api/employees HTTP/1.1" 200 -

127.0.0.1 - - [22/Jan/2024 14:41:36] "GET / HTTP/1.1" 200 -

127.0.0.1 - - [22/Jan/2024 14:41:36] "GET /static/style.css HTTP/1.1" 304 -

powerShell

Python

Python

Python

Python

OUTLINE

TIMELINE

Ln 95, Col 1 Spaces: 4 UTF-8 CRLF Python 3.12.0 64-bit Go Live Prettier

Thank You