Cafeteria Menu Display System

Cover Page

Project Title: Cafeteria Menu Display System

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College: ADITYA UNIVERSITY

Submitted to: _____

Date: _____

Acknowledgement

I would like to express my special thanks of gratitude to my teachers and project guide...

Cafeteria Menu Display System

Certificate

This is to certify that the project entitled "Cafeteria Menu Display System" is a bonafide work...

Cafeteria Menu Display System

Abstract

The Cafeteria Menu Display System is a digital solution designed to streamline the process...

Cafeteria Menu Display System

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Introduction

In many colleges and institutions, daily menus are still manually updated...

Objectives

- To provide an easy interface...

- To allow categorized display...

- To implement admin login...

- To reduce manual errors...

- To promote a digital solution...

Objectives

Cafeteria Menu Display System

System Requirements

Hardware:

- Laptop/Desktop with at least 4 GB RAM

- Internet browser

Software:

- Python 3.10+

- Streamlit

- VS Code

- JSON file

Technologies Used

- Python

- Streamlit

- JSON

- VS Code

- GitHub

Cafeteria Menu Display System

System Architecture & Design

Admin Login -> Menu Dashboard -> Add/Delete Items -> Update JSON -> Display Menu

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Cafeteria Menu Display System

Features

- Secure Admin Login

- Menu Display by day and category

- Add/Delete Items

- JSON storage

- Auto-refresh

- Simple UI

Screenshots

Screenshots of the UI in action.

Limitations and Future Scope

Limitations:

- No DB integration

- Not online

- No role separation

Future Scope:

- Firebase/MongoDB

- Online deploy

- Image support
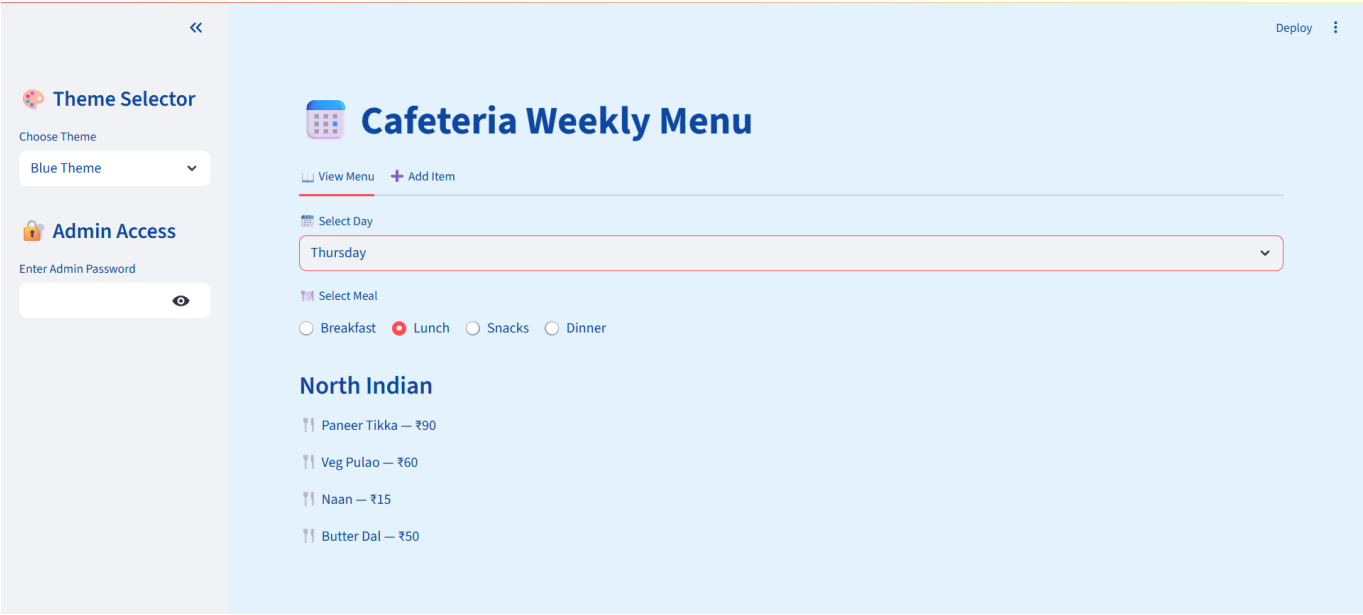
- Mobile version

Conclusion & References

The system solves menu management by digitizing it.

References:

- Streamlit Docs

- Python Docs

- JSON Reference

- Project by GODAVARI ADITYA VENKAT

Cafeteria Menu Display System

Screenshot: Blue Theme - Thursday Lunch

Cafeteria Menu Display System

Screenshot: Violet Theme - Monday Breakfast