

Hospital Ease

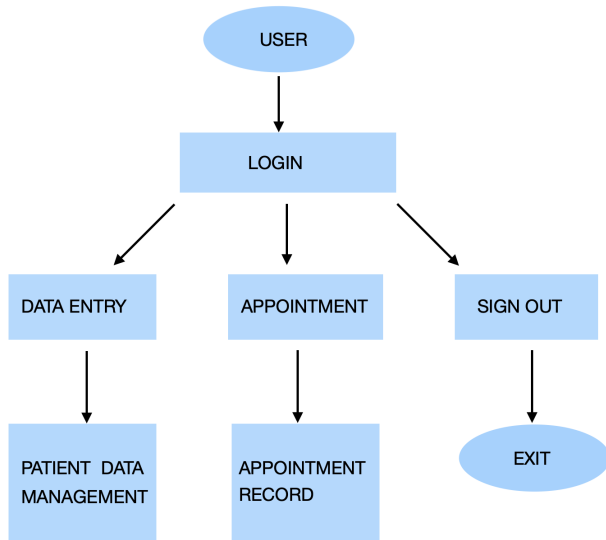
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Introduction

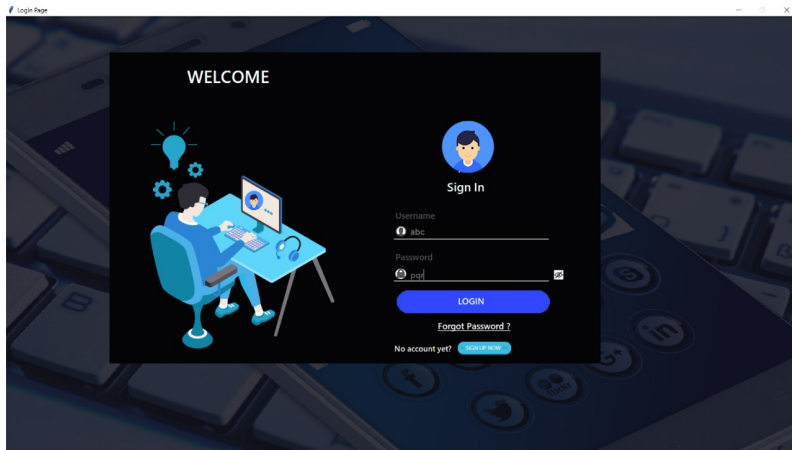
- This project is designed for efficient data storage and management of appointments, medical history, and patient details.
- User-friendly interface for seamless navigation and quick retrieval of patient data.
- Improve patient care by facilitating quick access to relevant medical information during consultations.

Data Flow Diagram



Login

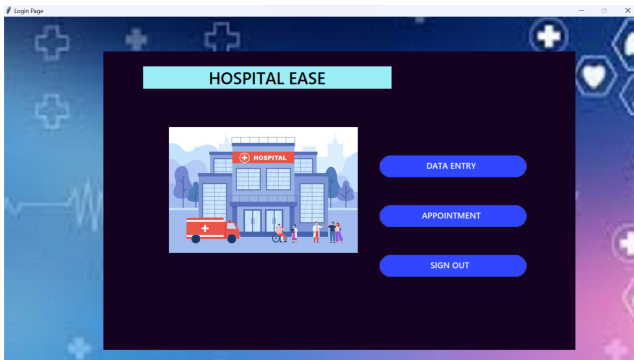
- Login or signin page for authentication access.



Hospital Ease

This page features three buttons:

- "Data Entry" for managing patient details.
- "Appointment" for booking appointments.
- "Sign Out" to exit the page.



Data Entry

- The data entry page includes entry boxes for inputting patient details.
- After entering the data, it is displayed at the bottom of the page.
- The page also offers edit options like add, update, delete, search, reset, select, and back.

SDOCHSHANE CLINIC MANAGEMENT SYSTEM

PATIENT DATA MANAGEMENT

MOBILE No

Firstname

DOB

Med History

Medicines

Add

Update

Delete

Search

Reset

Select

Back

MOBILE	Name	DOB	History	Medicines
7654321098	Sakshi Shinde	1967-02-14	Blood Pressure	xyz for 7 days
7754329657	Mihir Sonawane	2003-08-19	Migraine	Paracetamol whenever I
9676543210	Garav Patil	1988-12-26	Diabetes	Insulin 3 times a week
9958826657	Anuradha Shinde	1968-02-12	Kidney Stone	abc for next 9 Days

Appointment

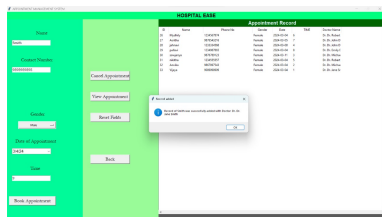
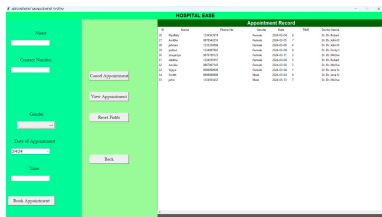
- This page holds credentials for booking appointments with doctors and displays appointment records.
- It also offers options to cancel or view appointments.

The screenshot displays a web application titled "HOSPITAL EASE" with a sub-header "Appointment Record". The interface is divided into a left sidebar and a main content area. The sidebar, which has a green background, contains input fields for "Name", "Contact Number", "Gender", and "Date of Appointment" (with a dropdown menu showing "3/4/24"), as well as a "Time" input field and a "Book Appointment" button. The main content area has a light green background and contains four buttons: "Cancel Appointment", "View Appointment", "Reset Fields", and "Back". To the right of these buttons is a table with the following headers: "ID", "Name", "Phone No", "Gender", "Date", "TIME", and "Doctor Name". The table body is currently empty.

ID	Name	Phone No	Gender	Date	TIME	Doctor Name
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Appointments

- Upon entering data, it is stored in the system's database. Users can then access this stored information visually, as demonstrated in the accompanying figure.
- This visual representation facilitates easy comprehension and utilization of the data.



Conclusion

- The provided system offers comprehensive functionality for managing patient data, booking appointments with doctors, and accessing appointment records.
- Users can efficiently input patient details, book and view appointments, and utilize various editing options for data management. Additionally, the system allows for cancellation of appointments when necessary.
- Overall, it provides a streamlined and user-friendly interface for effective healthcare administration.

Bibliography.

- **Python** - Primary Programming Language
- **Tkinter** - The Standard GUI for Python
- **SQLite3** - Database Management
- **LaTeX** - For documentation Purpose
- **Link to our github repository:**
<https://gitlab.com/22b01a4549/hospital-ease>