Hospital Ease

Team 12

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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.
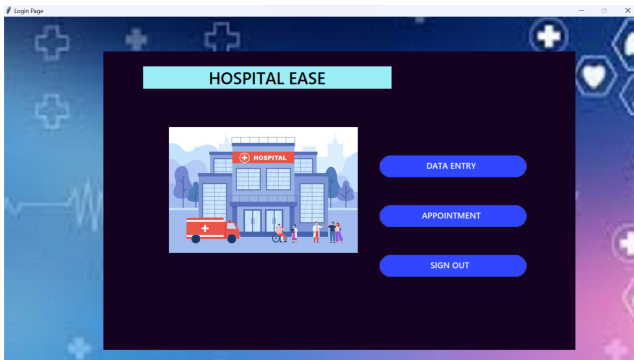
Data Flow Diagram
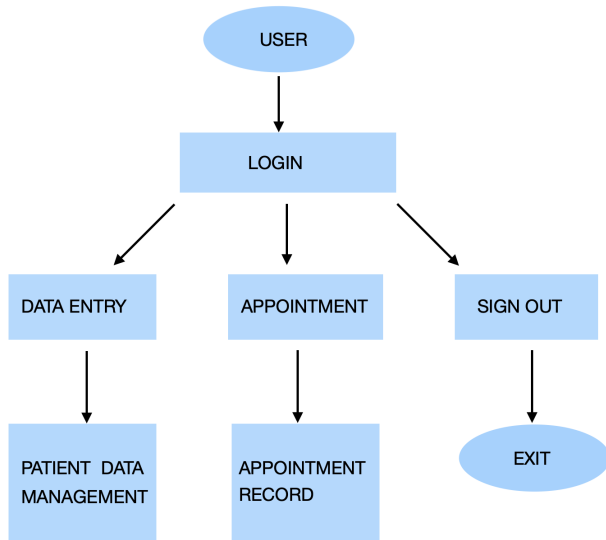
Login

- Login or signin page for authentication access.
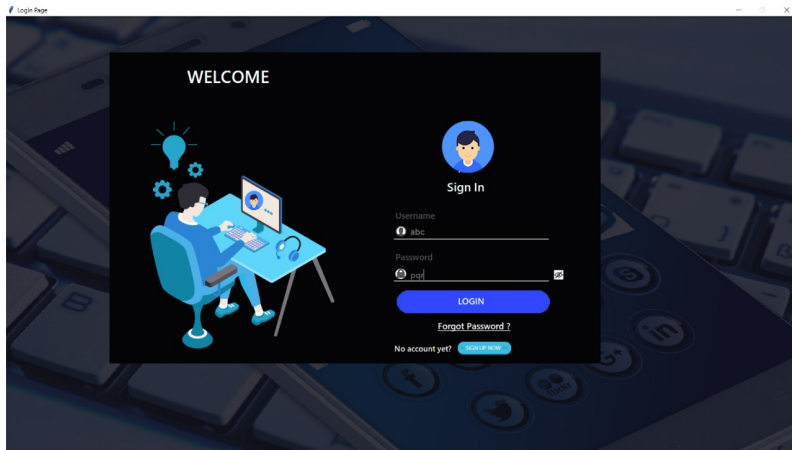
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This page features three buttons:

- "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.
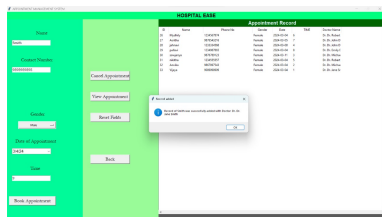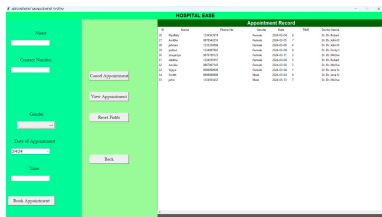
Appointment

- This page holds credentials for booking appointments with doctors and displays appointment records.

- It also offers options to cancel or view appointments.

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

- **IaTex** - For documentation Purpose

- **Link to our github repository:**
  https://gitlab.com/22b01a4549/hospital-ease