

OOP PROJECT CONTRIBUTION REPORT SUBMISSION

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Group: 7.1

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Project Title:

Medical Appointment Scheduling System.

Component Name:

Patient Management.

Description of Component:

The Patient Management component is responsible for handling all patient-related information within the system. It supports the registration, updating, retrieval, and deletion of patient records, ensuring that data remains accurate and up to date. All records are stored in a structured format within a local file named patient.txt.

Available CRUD Operations:

- Create:
Allows users to register a new patient by capturing key details such as name, phone number, address, disease, current medical situation, and assigned doctor. The information is saved to patient.txt.
- Read:
Enables retrieval and display of patient information based on filters such as name, phone number, address, disease, situation, and assigned doctor. The data is presented in the **Patient Dashboard** for easy access and management.
- Update:
allows for the modification of patient information, such as name, address, phone number, illness, medical condition, and doctor assignment.
- Delete:
provides the option to delete a patient's record from the system permanently after they stop being active.

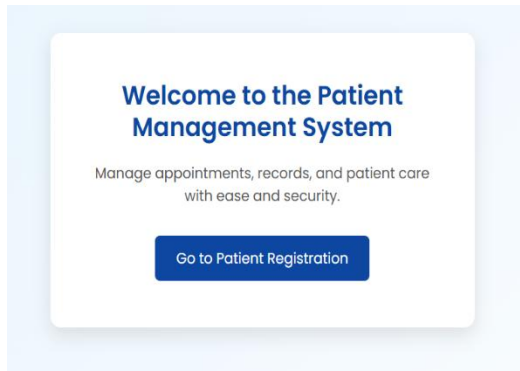


Fig 1: Patient Login Page

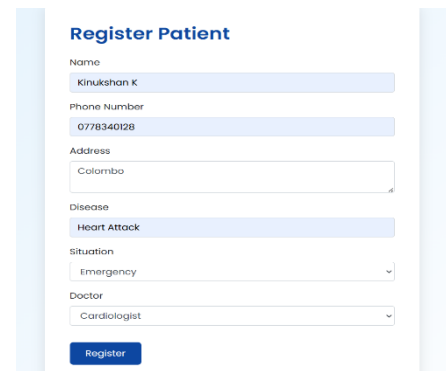


Fig 2: Patient Register Page

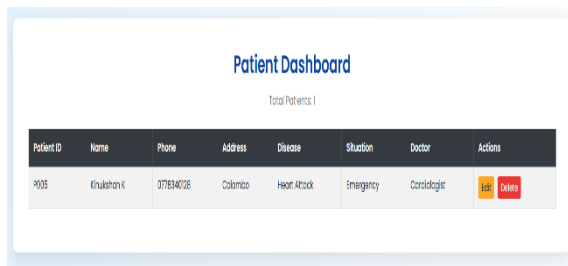


Fig 3: Patient Dashboard

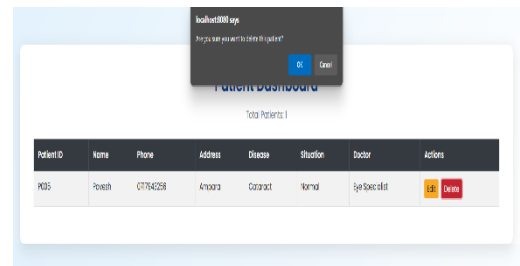


Fig 4: Patient Delete Option

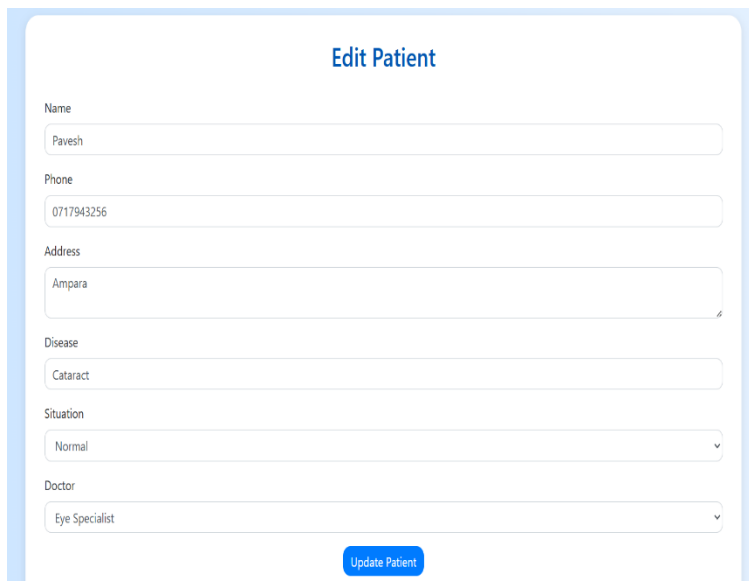


Fig 5: Update Patient Page