User

- username: str
- password: str
- role: str

+ perform_action(action: str, patients.columns,notes)

Patient

- patient_id: str
- visits: List

+add_visit ()
+remove_all_visit()

AdminUI

+_init_(user)

Clinician UI

+_init_(user)
+add_patient()
+remove_patient()
+retrieve_patient()
+view_note()
+save_to_file()

Management UI

+_init_(user)

Visit

-visit_id: str
-visit_time: str
-department: str
-complaint: str
-gender: str
- ethnicity: str
-insurance: str
-zip_code: str
-note

Note

-note_id: str
-note_type: str
-note_text: str

Utils

+load_patients_data(file):dict
+load_notes_data(file):dict
+count_visits(patients,date)
+generate_statistics(patients)

Logs in

Logs in

Logs in

1

1

1

uses

uses

uses

contains

1

*

contains

1

1

1