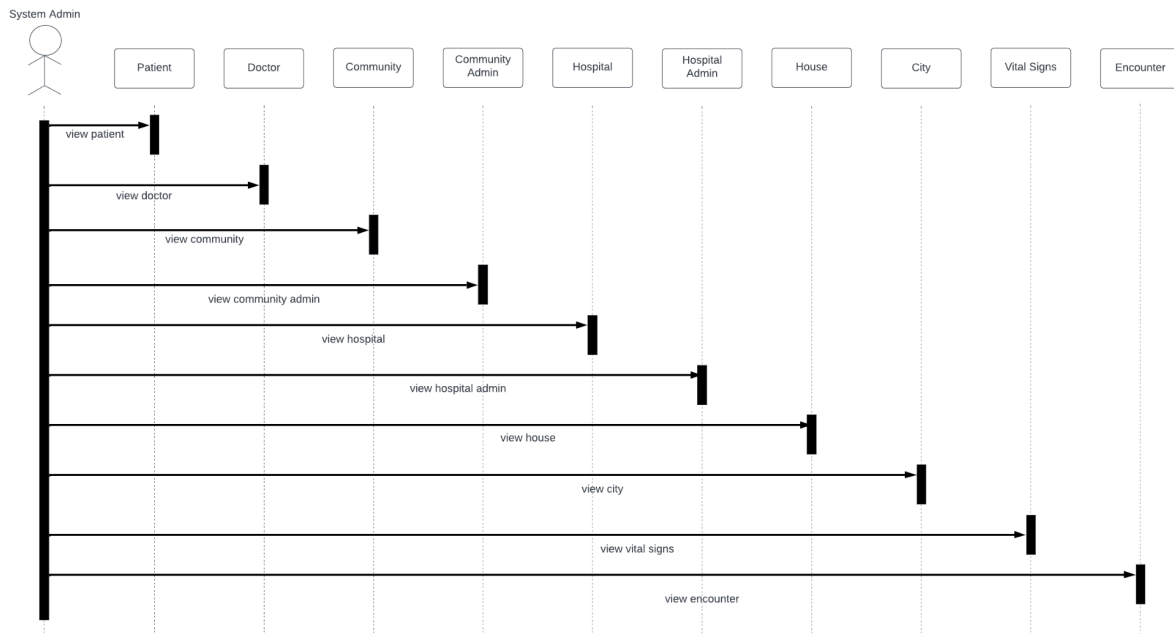


MEDICAL RESOURCES

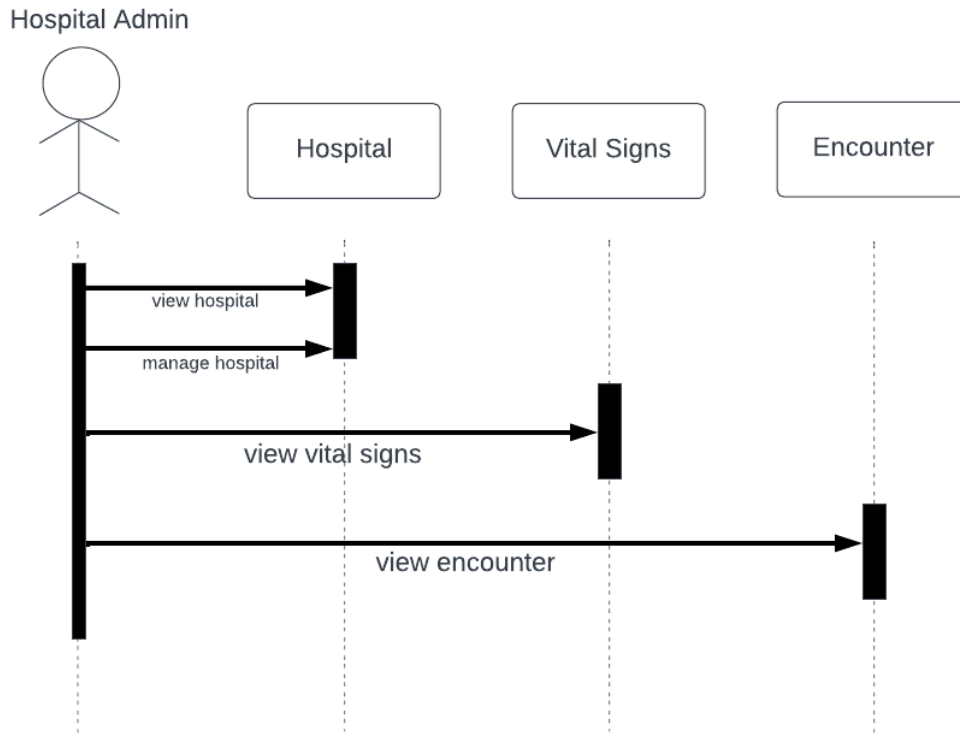
This application is a platform for different people to be able to find medical resources around them. They will find medical resources available in different communities and cities.

System Admin Sequence Diagram



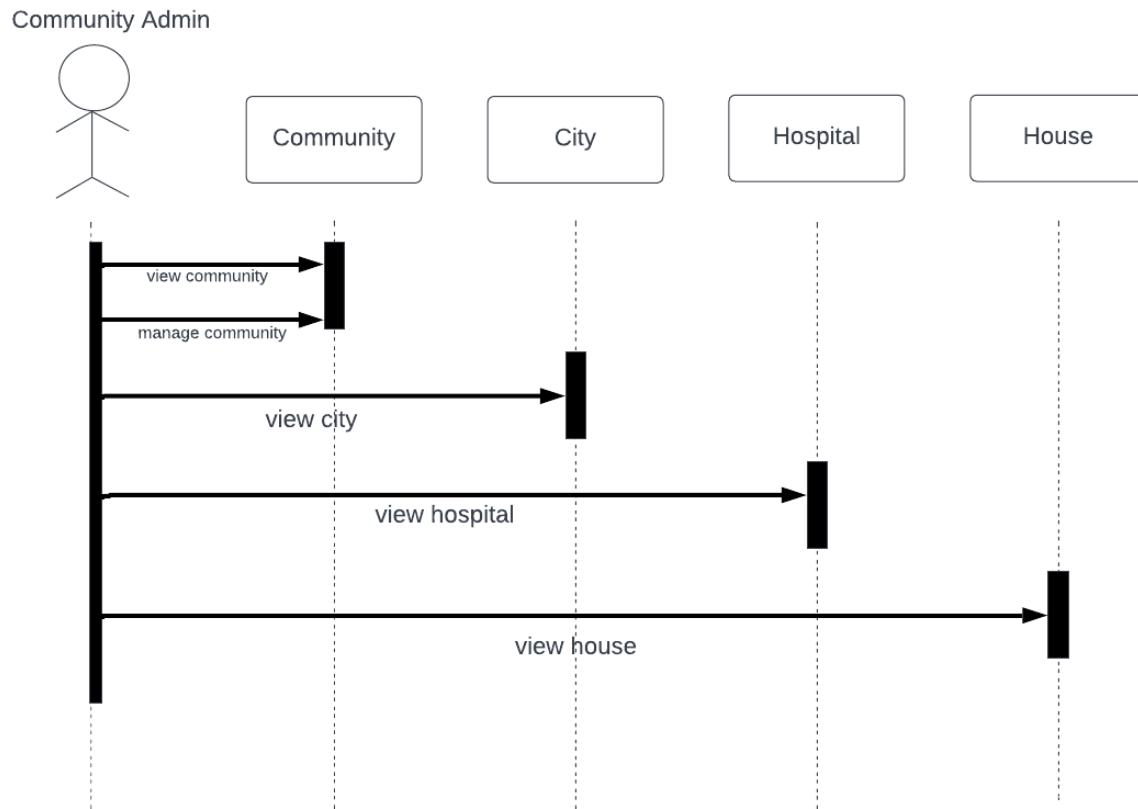
The system admin is the only person who is able to view all the other entities. These entities include patient, doctor, community, community admin, hospital, hospital admin, house, city, vital signs and encounters. Data such as patient name, doctor name, doctor id, hospital id, community id, house name, and house id that comes under these entities. The system admin is capable of performing all the CRUD operations that include Create, Read, Update and Delete data.

Hospital Admin Sequence Diagram



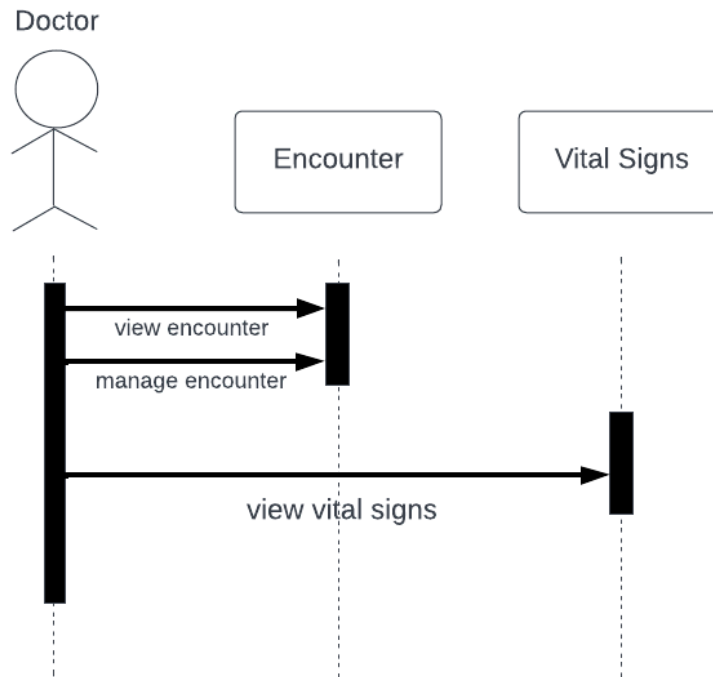
The hospital admin is able to view and manage all the hospital data. They are also able to view the vital signs of the patient. These vital signs include blood pressure, pulse, body temperature, and more. Additionally, the hospital admin can also view all the encounters. These encounters represent a visit to the doctor's office. The hospital admin is capable of performing all the CRUD operations that include Create, Read, Update and Delete data.

Community Admin Sequence Diagram



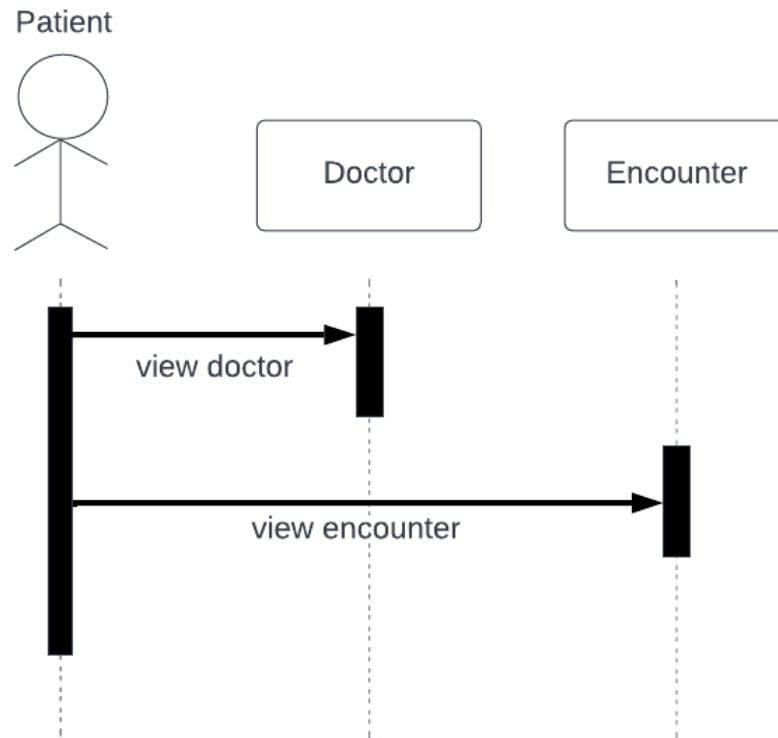
The community admin is able to view and manage all the community data. They are also able to view and manage communities. City name and city id can also be viewed by the community admin under the city entity. Additionally, the community admin can also view all the hospitals and houses. The community admin is capable of performing all the CRUD operations that include Create, Read, Update and Delete data.

Doctor Sequence Diagram



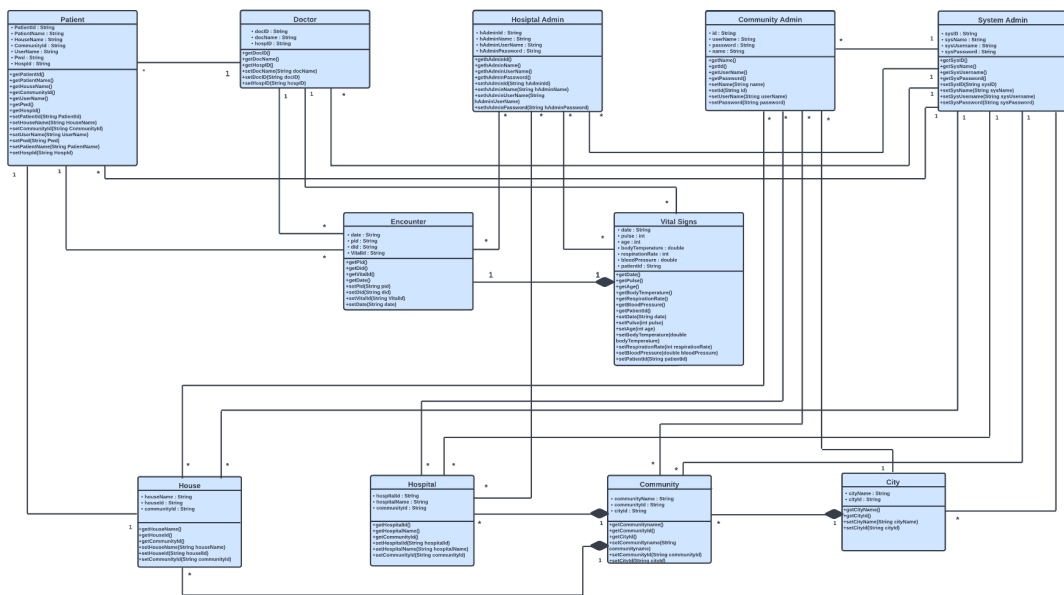
The doctor is able to view and manage all the encounters. They are also able to view the vital signs of the patient. These vital signs include blood pressure, pulse, body temperature, and more. Additionally, the hospital admin can also view all the encounters. These encounters represent a visit to the doctor's office.

Patient Sequence Diagram



The patient entity has patient name, patient id, patient username and password data. They are able to view the doctor's details in a particular area. They are also able to view all of their encounters.

Class Diagram



The class diagram of the medical resources represents various cardinality relationships between entities. These cardinality relationships involve one-to-one relationship, one-to-many relationship, many-to-one relationship and many-to-many relationship between different entities.