Title of the Project: Health Care Resources

Group Number: 05

Group Members: 04

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Feature List:

Feature 1

1. Users can Sign Up with NID.

2. Users can login with NID and password.

Feature 2

1. Users can view hospitals in specific Location or in nearby area by sharing their location.

2. Users can filter hospitals by available beds.

3. Users can view number of available beds for each hospital.

4. Users can reserve bed.

Feature 3

1. Users can view all doctors in specific area or nearby doctors by sharing their location.

2. Users can search for doctor department-wise and hospital-wise.

3. Users can view Doctors' visiting hours and fee.

4. Users can book doctors' appointment.

5. Users can Edit/Cancel appointment.

Feature 4

1. Users can search nearby Diagnostic Centers.

2. Users can search Diagnostic centers by specific tests, Location-wise and Hospital-wise.

3. Users can see available Tests and fee for every Diagnostic center.

4. Users can Reserve Tests and Edit/Cancel them.

Feature 5

1. Every Hospital/Diagnostic Center will have one or multiple operators.

2. Operators can Register by a unique ID which will be provided by Admin Panel.

3. Operators can Log in by their Unique ID and Password.

4. Operators can Add/Edit their own center-based data.

Features/Functions:

Health Care Resources Use Case Diagram
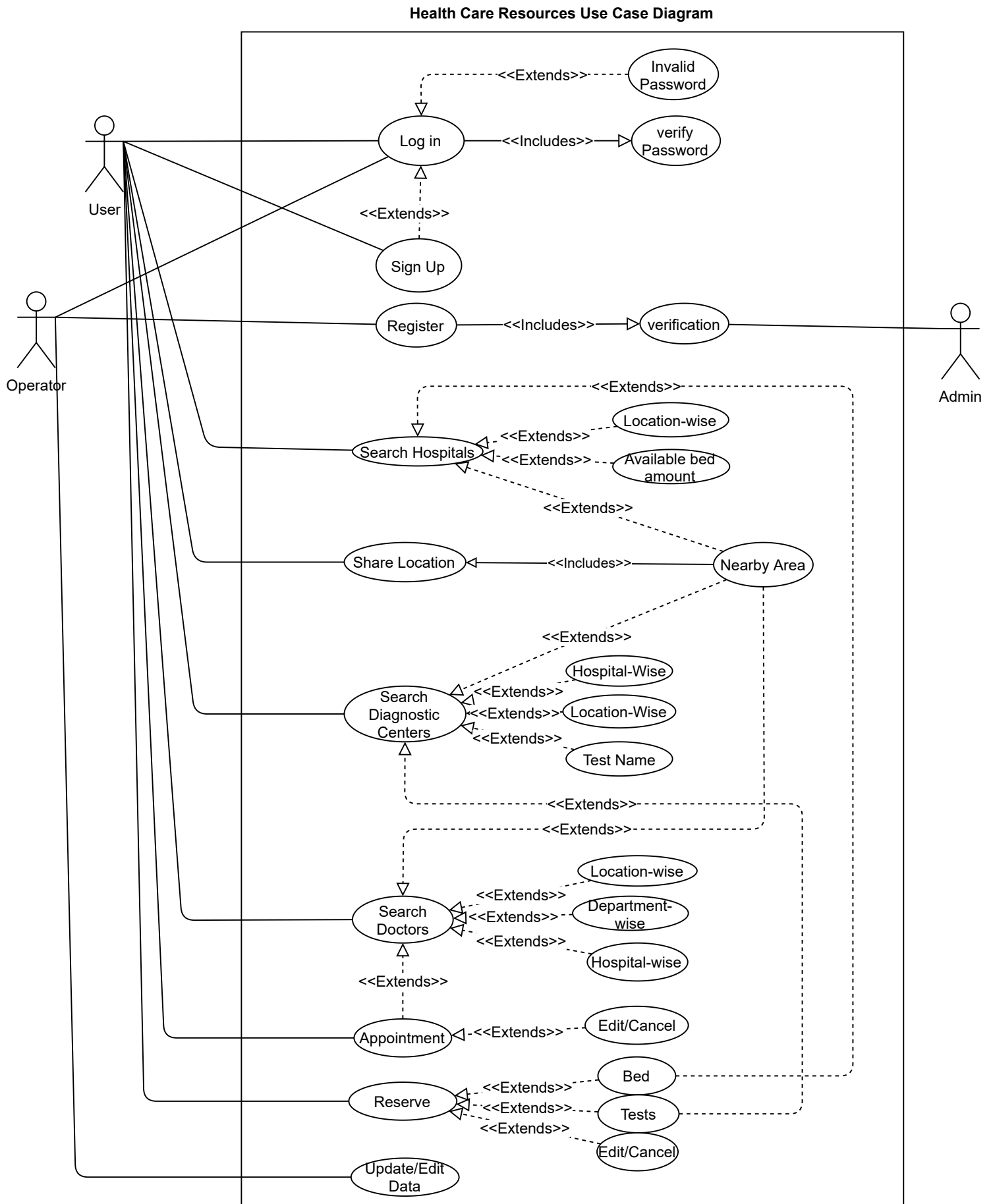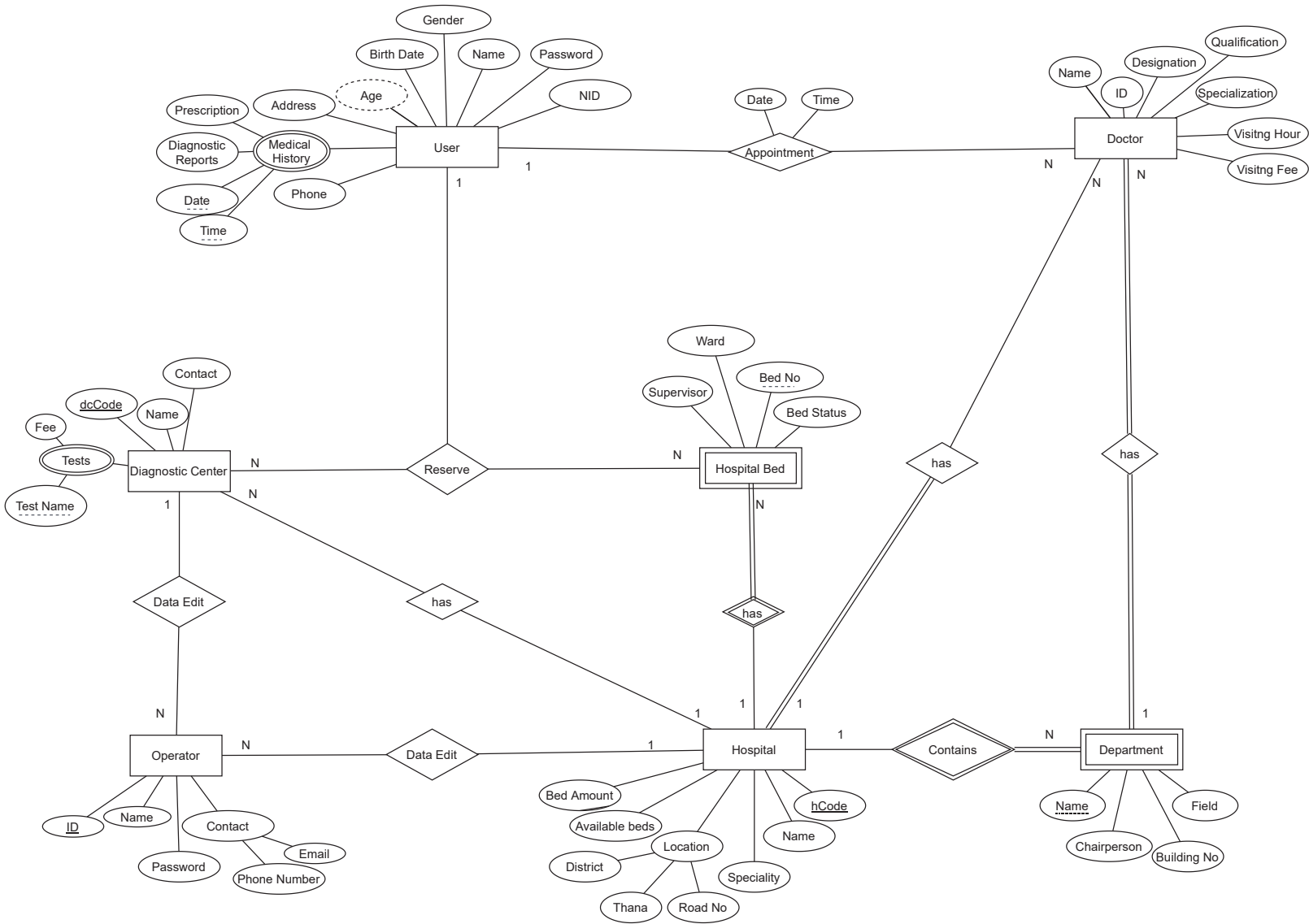
Health Care Resources
ER Diagram

Health Care Resources Schema

User

NID	Password	Name	Gender	Birth Date	Age	Address	Phone

User Medical History

NID	Time	Date	Prescription	Reports

Doctor

ID	Name	Designation	Qualification	Specialization	Visting Hour	Visiting Fee	Department	Hospital

Appointment

Doctor	Patient	Date	Time

Hospital

hCode	Name	Speciality	Road No.	Thana	District	Available beds	Bed Ammount

Department

Hospital	Name	Chairperson	Building No	Field

Hospital Bed

Hospital	Bed No	Ward	Supervisor	Bed status

Diagnostic Center

dcCode	Name	contact	Hospital

Tests

dcCode	Test Name	Fee	Contact

Reserve

User	Diagnostic Center	Hospital Bed No	Hospital

Operator

ID	Name	Password	Phone No	Email

Hospital Data Edit

Hospital	Operator

Diagnostic Center Data Edit

Diagnostic Center	Operator