**Diagram

Description automatically generatedTOP LEVEL DIAGRAM**

**LOW LEVEL DIAGRAM (USERS)**

Diagram

Description automatically generated

**LOW LEVEL DIAGRAM (PAYMENT-GATEWAY)**

Diagram

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**LOW LEVEL DIAGRAM (RESERVATION)**

Diagram

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**LOW LEVEL DIAGRAM (FACILITIES)**

Diagram

Description automatically generated

**Diagram

Description automatically generatedLOW LEVEL DIAGRAM (HOSPITAL)**

**LOW LEVEL DIAGRAM (STAFFS)**

Diagram

Description automatically generated

**LOW LEVEL DIAGRAM (ROOM)**

Diagram

Description automatically generated

**LOW LEVEL DIAGRAM (GEOLOCATION)**

Diagram

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**DATA FLOW DIAGRAM**

A picture containing diagram

Description automatically generated

**ENTITY RELATIONSHIP DIAGRAM**

Diagram, schematic

Description automatically generated

**SCHEMA**

**CREATE TABLE Users (**

**PatientID int,**

**PatientInfo varchar (50),**

**PatientLocation varchar (50),**

**ReservationNo int,**

**Username varchar (50),**

**password varchar (50)**

**)**

**;**

**CREATE TABLE Hospital (**

**HospitalName varchar (50),**

**HospitalLocation varchar (50),**

**Capacity varchar (50),**

**FacilityList varchar (50)**

**)**

**;**

**CREATE TABLE Geolocation (**

**HospitalList varchar (50),**

**PatientLocation varchar (50),**

**HospitalLocation varchar (50)**

**)**

**;**

**CREATE TABLE Geolocation (**

**HospitalList varchar (50),**

**PatientLocation varchar (50),**

**HospitalLocation varchar (50),**

**)**

**CREATE TABLE Faclity (**

**FacilityID int,**

**FacilityList varchar (50),**

**StaffID int**

**)**

**;**

**CREATE TABLE Staffs (**

**StaffID int**

**)**

**;**

**CREATE TABLE Rooms (**

**RoomType varchar (50),**

**Status varchar (50),**

**StaffID int,**

**FacilityID int**

**)**

**;**

**CREATE TABLE Reservation (**

**ReservationNo int,**

**RoomType varchar (50),**

**Date timestamp,**

**TotalPrice int,**

**PatientID int,**

**Capacity int,**

**)**

**;**

**CREATE TABLE Payment (**

**PaymentMethod varchar (50),**

**TotalPrice int**

**)**

**;**