Patients table:

·patient\_id (Primary Key)

·patient\_name

·birth\_date

·age ( = date\_of\_today - birth\_date)

·gender

·address

·contact\_number

·room\_id

·bed\_id

Doctors table:

·doctor\_id (Primary Key)

·doctor\_name

·department\_id (Foreign Key referencing Departments table)

Departments table:

·department\_id (Primary Key)

·department\_name

Treatments table:

·treatment\_id (Primary Key)

·patient\_id (Foreign Key referencing Patients table) ? key(p\_id, d\_id)

·doctor\_id (Foreign Key referencing Doctors table)

·name\_of\_disease

·conducted\_tests (test name & results)

·treatment (surgery/ normal treatment/ medicines)

Rooms table:

·room\_id (Primary Key) (floor number (2 digits) + room number (2 digits))

·room\_type (e.g., ICU, Operation Theater, etc.)

Nurses table:

·nurse\_id (Primary Key)

·nurse\_name

·gender

Nurse\_Patient\_Room table:

·key: (nurse\_id, patient\_id)

·nurse\_id (Foreign Key referencing Nurses table)

·patient\_id (Foreign Key referencing Patients table)

·room\_id (Foreign Key referencing Rooms table)

Hospital\_Staff table: (apart from doctors and nurses)

·staff\_id (Primary Key)

·staff\_name

·staff\_type (e.g., pharmacist, administrative staff, etc.)

Login

·key: (realname, password) ?(username, password)

·username

·realname

·password

·access\_level