Algorithms for new hospital system management

1-Administration

System activate

Data-entry

Username

Password

2-Receiption

Open new file for patient

Registration of patient data (name, ID card, Age, gender, blood type, mobile number, address (

Illness condition (simple or critical (

Enter the desired section

Room number

Serial number

Registration date

3- Working doctors

System activate

Data-entry

Username

Password

Doctor name

Doctor gender

Doctor's specialty and skill data

Doctor email

4-Appointments

Create new table for patient

Patient data

Appointment date

Illness condition is simple

Illness condition is critical (transfer to operation room or make Appointment with doctor for long time)

5-Search department

Patient data

Doctors data

Analysis data

6-laboratory department

Type of analysis

Analysis processing time

Responsible name of analysis

7- Safety and maintenance department

Maintenance of medical machine and equipment

Maintenance of hospital building

Securing safety tools