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Hospital has 2 types of staff.

- Administrative Staffs
- Doctors

Both can have some common use cases and some specific to their purpose use cases.

Patients also have 2 Categories

- Patient who has age over 65
- Patient who has age below 65

Based on their age there will be some use cases different and obviously both of them will have a lot of common use cases.

Associations:

Staff:

- 1) See Appointment List : All staff should be able to see appointments
- 2) Can see medical History : See medical history of patients
- 3) Can see billing history : See billing history of every patient.

Administrative:

- 1) Can confirm Appointments : Confirm an appointment made by patients
- 2) Send Confirmation to patient : Send notification to patients.
- 3) Pay Salary : Pay all the staffs
- 4) Watch Patient's Feedback : See the feedbacks patients gave

Doctor:

- 1) Can consult Online : Consult with patients online.
- 2) Can write prescriptions : Write prescriptions for patients.
- 3) Can suggest tests : Suggest tests to patients.
- 4) Can see test Reports : See the reports of his patients
- 5) Can refer to another Doctor : Refer the patients to another doctor if needed.

Insurance Provider:

- 1) Can see insurance application : See all the insurance application of patients
- 2) Can approve insurance : Approve insurance after examining it.
- 3) Can see medical History : See medical history of patients

- 4) Can see billing history : See the billing history of every patient.

Patient:

2. Can apply for an appointment: Patients can apply for appointments to their preferable doctor
2. Get an update for appointment confirmation: Can be notified if the appointment is confirmed
3. Can provide feedback on service: Patients can provide feedback on the hospital's service
4. Can see prescription and suggested tests: Patients can see suggested tests on their prescription

Patient's age<65 :

1. Can apply for insurance
2. Can get an update on an insurance application

Includes

1. Confirm Appointment ← - - - - - Send confirmation message
When stuff confirms the appointment A notification will be sent
2. Sending Appointment Confirmation ← - - - - - Get Confirmation message
When a notification is sent User will get a email / update on their appointment
3. Send Feedback About Service ← - - - - - Staff can see the feedback
When a patient shares feedback about service, a staff member will see the feedback.
4. Suggest Prescription ← - - - - - Patient can see the prescription
When a prescription / test suggestion is released, the patient will get that in their end.

Extends:

- 1) Can suggest test ← - - - - - Can see Test Reports:
Doctors can suggest tests and see test reports but he cannot see a report unless he suggests it. So seeing a test report is dependent on suggesting one.

- 2) Apply for Insurance ← - - - - - Get update on Insurance Application
Patients can apply for insurance and later they can get updates about their application.
But they cannot see updates unless they apply for one in the first place.
- 3) Apply for Appointment ← - - - - - Get update on appointment confirmation
Patients can apply for appointments and later they can get updates about their
appointment. But they cannot see updates unless they apply for one in the first place.