

TABLES

patient table

- This table contains the details of each patient to be entered by the nurse on registration
- Each patient will have only one entry

patient_id	name	age	gender	address
p1	sara	25	female	Denver street, house no 28

staff table :

- This table contains details of all the doctors and nurses working in the hospital
- This table is to be filled by the administration

staff_id	type	name	age
St1	nurse		
st2	Doctor		

consultation Table

consultation_id	patient id	datetime	consultation_by	symptoms_description	diagnosis _description
c1	p1		St1		

- This table contains information about the appointment
- Each appointment will have a new entry in the table
- Doctors can add description of the diagnosis and symptom's of the appointment

pre_diagnosis table :

- This table contains the pre-diagnosis details of the patient done by the nurse
- This will be first step before consulting the doctor
- Each patient will have new entry for each consultation

pd_id	consultation_id	patient_id	height	weight	bp	temperature	diagnosis_by
1	1	p1	6.4	74	100	20	

symptom table :

- Contains all the possible symptoms
- Doctor can add new symptoms to this table

symptom_id	name	description
s1	Headaches	
s2	Fever	
s3	Not drinking milk	

patient_symptoms table :

- Contains all the symptoms of a patient in a consultation to be entered by the doctor after his/her analysis of the patient
- There will be new entries for each visit by the patient to the hospital
- The symptoms are taken from the symptom table

ps_id	consultation_id	patient_id	symptoms	notes
			S1	
			s2	
			s3	

patient_diagnosis Table :

- This table contains details of diagnosis done by doctor including the prescription given for each symptom by the doctor after his/her analysis of the patient
- There will be new entries for each diagnosis of the patient

diagnosis_id	consultation_id	Type	medicine
1		wom an	Medicine a
2		child	Medicine x

New Patient

- **Nurse taking input from the patient**
 - There will be textbox to be filled about the basic details of the patient including name , age, sex etc..
 - A new entry is created in the consultation table automatically
 - Once the basic details are added and the patient registration is complete , there will be textbox to be filled about the pre-diagnosis of the patient which includes bp , temperature , etc..
- **Doctor consulting the patient**
 - There will be a drop-down of all the symptoms , the doctor can choose the symptom to be added to the patient-symptom table and if that symptom does not exist in the drop-down , there will be an option to enter a new symptom
 - If a new symptom is added , that symptom will be stored inside the symptom table
 - Once the symptoms are added , the doctor can prescribe medicines for the patient , these will be stored in the patient_diagnosis table
 - The doctor can also give a total summary of the diagnosis and the symptoms which will be stored in the consultation table

Reconsultation

- There will be a textbox to be filled about the pre-diagnosis of the patient by the nurse which includes bp , temperature , etc..
- Doctor consulting the patient
 - There will be a drop-down of all the symptoms , the doctor can choose the symptom to be added to the patient-symptom table and if that symptom does not exist in the drop-down , there will be an option to enter a new symptom
 - If a new symptom is added , that symptom will be stored inside the symptom table
 - Once the symptoms are added , the doctor can prescribe medicines for the patient , these will be stored in the patient-diagnosis table
 - The doctor can also give a total summary of the diagnosis and the symptoms which will be stored in the consultation table

Progress

- In this page all the patients will be listed in order
- Clicking on a patient loads a new page with the entire history of the patient including all the symptoms and their diagnosis ordered by date