

Database Assignment

Group No :44

Group Members :

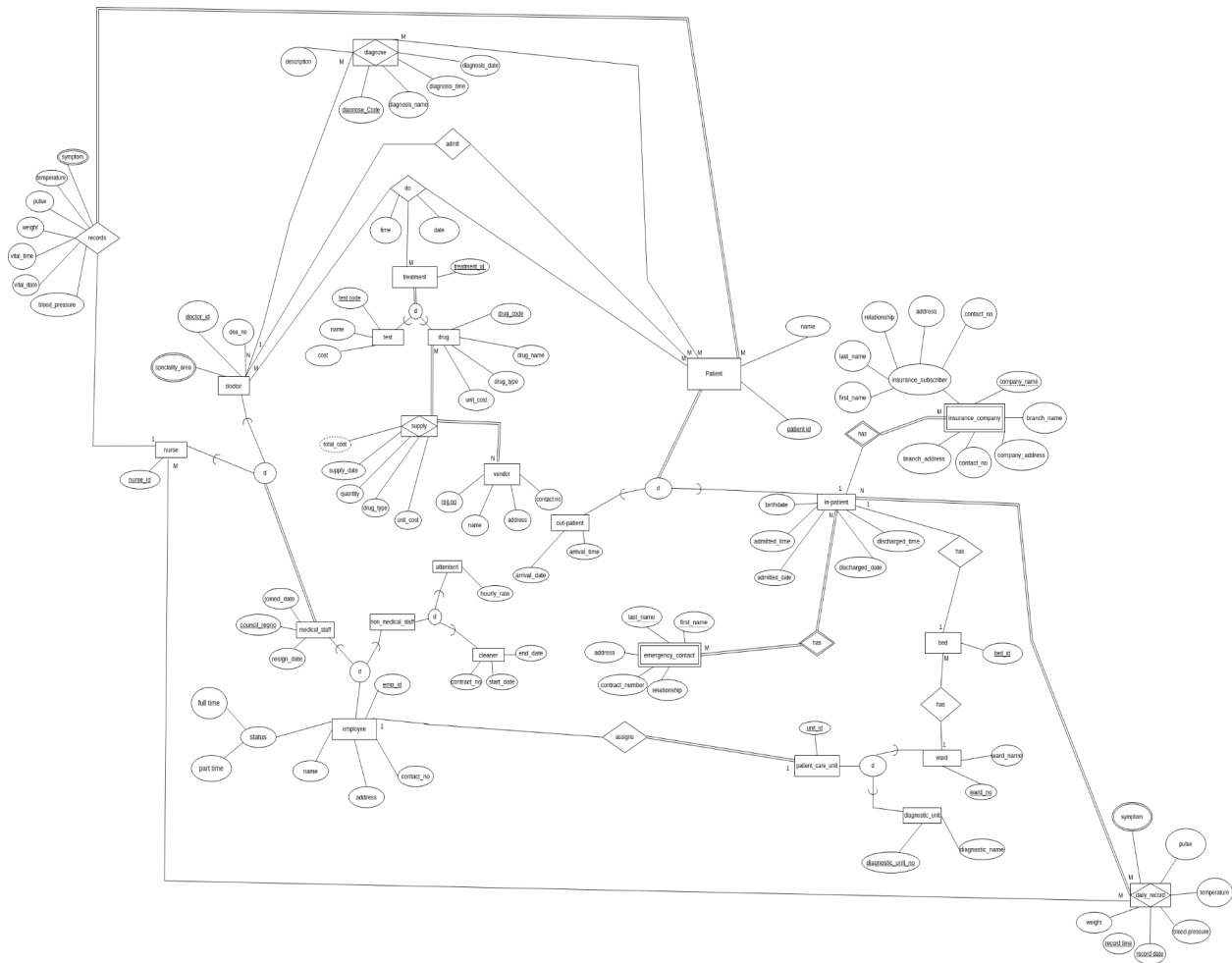
21001782 - Sathsarani K.A.I.C.

21001792 - Savinda H.W.N

21001804 - Senanayake I.C.


21001812 - Senanayake S.M.B.N.

Extended - ER Diagram

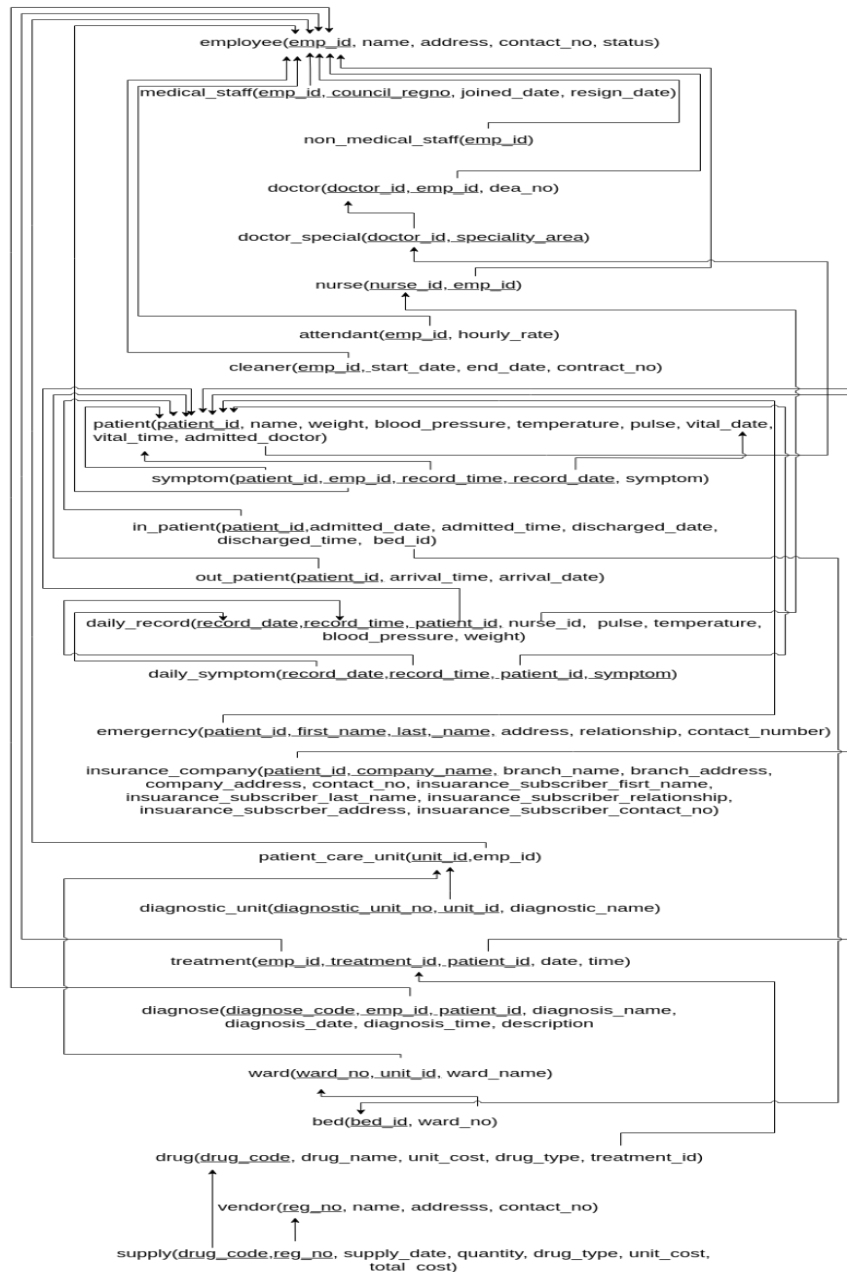


Assumptions

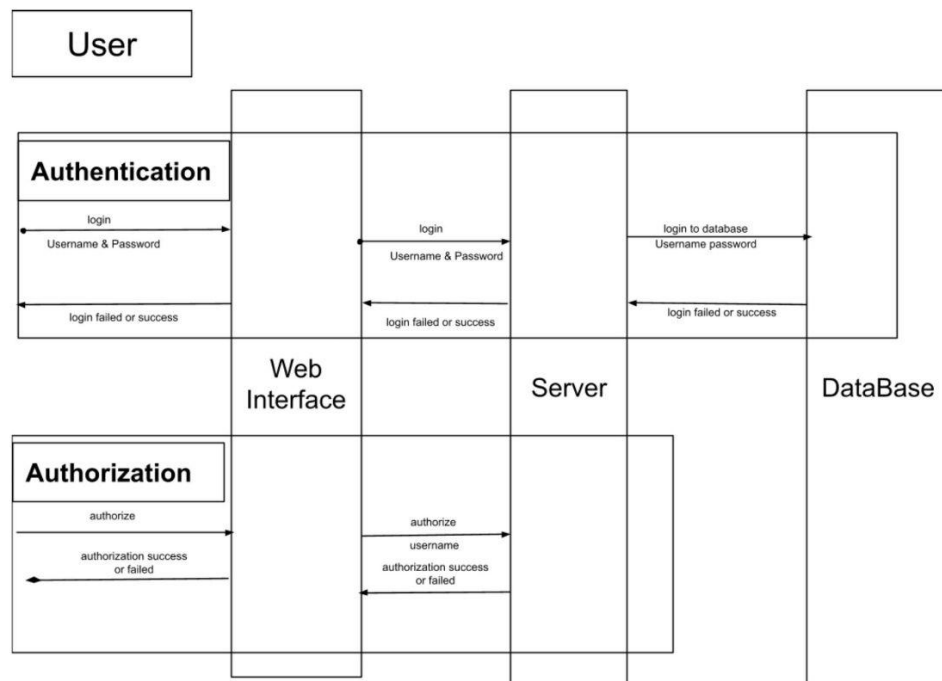
1. The status attribute in the employee entity depicts whether the employee is a part-timer or full-timer.
2. Doctors are uniquely identified by doctor_id.
3. Nurses are uniquely identified by nurse_id.
4. A doctor's specialty area is taken as a multivalued attribute.
5. The emp_id attribute of the patient_care_unit contains the ID of the employee in charge.
6. Many patients can have the same emergency contact.
7. symptoms described by the patient both initially and daily are taken as multivalued attributes.
8. The attributes; insuarance_subscriber_fisrt_name, insuarance_subscriber_last_name, insuarance_subscriber_relationship, insuarance_subscrber_address, insuarance_subscriber_contact_no; of insuarance_company relation will be null in the cases where the patient is his own insurance subscriber.

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9. The admitted_doctor attribute of patient relation records the doctor who decides whether or not to admit a patient. Hence it will be a null attribute in the cases of an out patient.
 10. record_time and record_date of symptom relation corresponds to vital_time and vital_date of patient relation respectively.

EER Mapping



Authorization diagram



Website

Home Logout

admin

Doctors

Insert

ID	Name	DEA No	Mobile	Update	Delete
11	kamal herath	4352	071654883	Update	Delete
12	Lakmal withana	5222	071637332	Update	Delete
13	wishwa Senanayake	24362	078326272	Update	Delete

Home Logout

admin

Doctor

Name	<input type="text" value="Name.."/>
Address	<input type="text" value="Address.."/>
Mobile number	<input type="text" value="Mobile number.."/>
Medical council registration number	<input type="text" value="Medical council registration number.."/>
Joined date	<input type="text" value="mm/dd/yyyy"/> 
Resign date	<input type="text" value="mm/dd/yyyy"/> 
DEA number	<input type="text" value="DEA number.."/>

Submit

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Doctor

Name

kamal herath

Address

Neluwa rd

Mobile number

071654883

Medical council registration number

5422

Joined date

09/06/2022

Resign date

09/16/2022

DEA number

4352

Submit

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Patients

Insert

ID	Name	Admitted date	Ward no	Bed no	Update	Delete
1	Nimal Galagedara	2021-05-13	4	6	Update	Delete
3	R. Premalal	2021-01-07	12	4	Update	Delete

[Home](#) [Logout](#) nurse

Nurse

Patient

[Home](#) [Logout](#) nurse

Nurses

Name	<input type="text" value="Name.."/>
Address	<input type="text" value="Address.."/>
Mobile number	<input type="text" value="Mobile number.."/>
Medical council registration number	<input type="text" value="Medical council registration number.."/>
Joined date	<input type="text" value="mm/dd/yyyy"/>
Resign date	<input type="text" value="mm/dd/yyyy"/>

Submit



Contribution

21001782	Sathsarani K.A.I.C	EER Diagram and Mapping
21001792	Savinda H.W.N.	SQL and Website
21001804	Senanayake I.C.	Mapping and SQL
21001812	Senanayake S.M.B.N.	FrontEnd and SQL

