PROJECT REPORT FOR <u>HEALTH NET</u>

<u>PROJECT SUBMITTED BY:</u>

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PROJECT DOCUMENTATION:

Overview:

Project implements health net website where the user can make use of these website during emergencies.

Home Page: In home page the user can see our mission, if the person is in need of ambulance they can directly login without any signup page

Login page: Here you can find 4 logins patient, doctor, receptionist, ambulance, if you are a patient, if you have an account already you can login

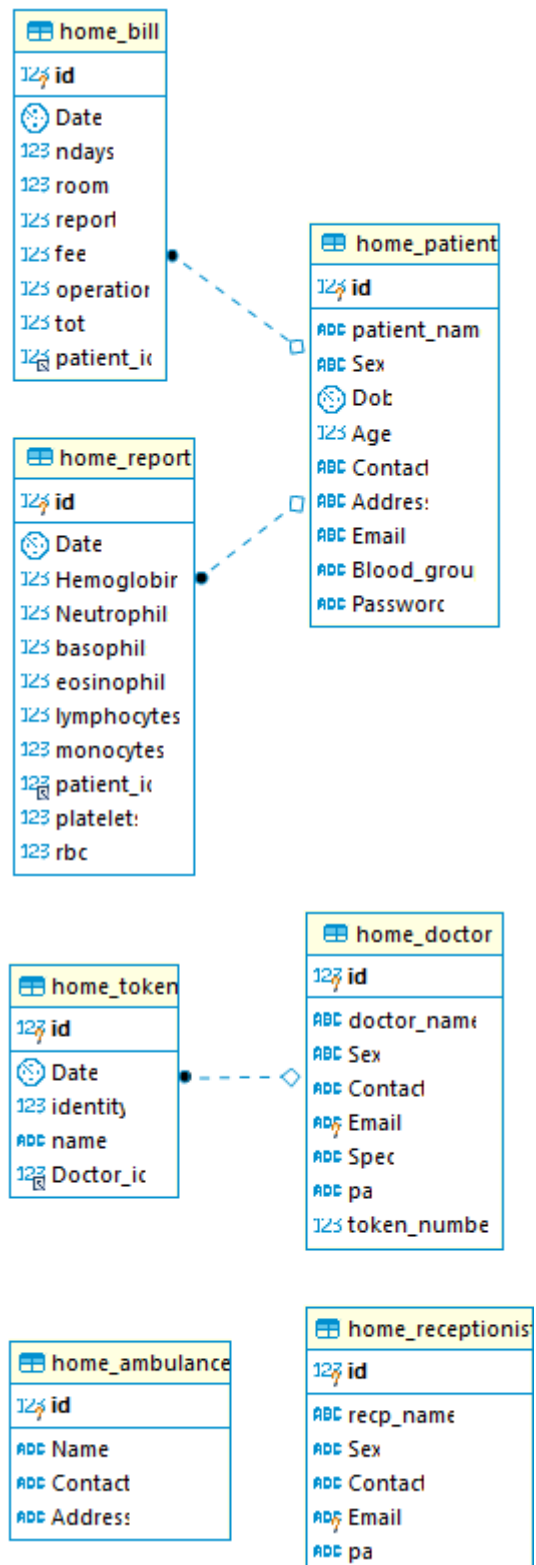Sign Up page: Only patient can sign up if he/she is a new user by filling the required details

Patient Page: Here you can take token for the consultant doctor and you can even check the reports

Doctor Page: Here logged in doctor can check the number of patient he/she want to consult today and even doctor can see the previous report of the patient

Receptionist page: Here receptionist can get all the details of patient, when someone is in need of ambulance receptionist will get a message.

ER DIAGRAM:

Number of models used: 7

home_bill
- 123 id
- Date
- 123 ndays
- 123 room
- 123 report
- 123 fee
- 123 operation
- 123 tot
- 123 patient_id

home_patient
- 123 id
- ABC patient_nam
- ABC Sex
- Dob
- 123 Age
- ABC Contact
- ABC Address
- ABC Email
- ABC Blood_grou
- ABC Password

home_report
- 123 id
- Date
- 123 Hemoglobir
- 123 Neutrophil
- 123 basophil
- 123 eosinophil
- 123 lymphocytes
- 123 monocytes
- 123 patient_id
- 123 platelets
- 123 rbc

home_doctor
- 123 id
- ABC doctor_name
- ABC Sex
- ABC Contact
- ABC Email
- ABC Spec
- ABC pa
- 123 token_numbe

home_token
- 123 id
- Date
- 123 identity
- ABC name
- 123 Doctor_id

home_ambulance
- 123 id
- ABC Name
- ABC Contact
- ABC Address

home_receptionist
- 123 id
- ABC recp_name
- ABC Sex
- ABC Contact
- ABC Email
- ABC pa

ROLES AND RESPONSIBILITIES

The team members have the following roles and responsibilities:

1. SPOORTHY K M: Front End, Connecting HTML, CSS files to Django file.

2. SUCHETHA G HEGDE: Connecting HTML, CSS files to flask file, Business logic

3. VIJETHA N: Business logic, Database engineer

4. JAYASHREE H N: Database engineer, Business Logic

5. POOJA BHASKARA HEGDE: Business logic, Database engineer

REQUIREMENTS

- 64 bit system

- MySQL, SQLite3, PostgresQL is required

- Django installed

- Visual-Studio Code, Atom is required

- phonenumber-field and phonenumbers must be installed

- Text editor which reads HTML, CSS, JS, flask file

- Browser to run the application

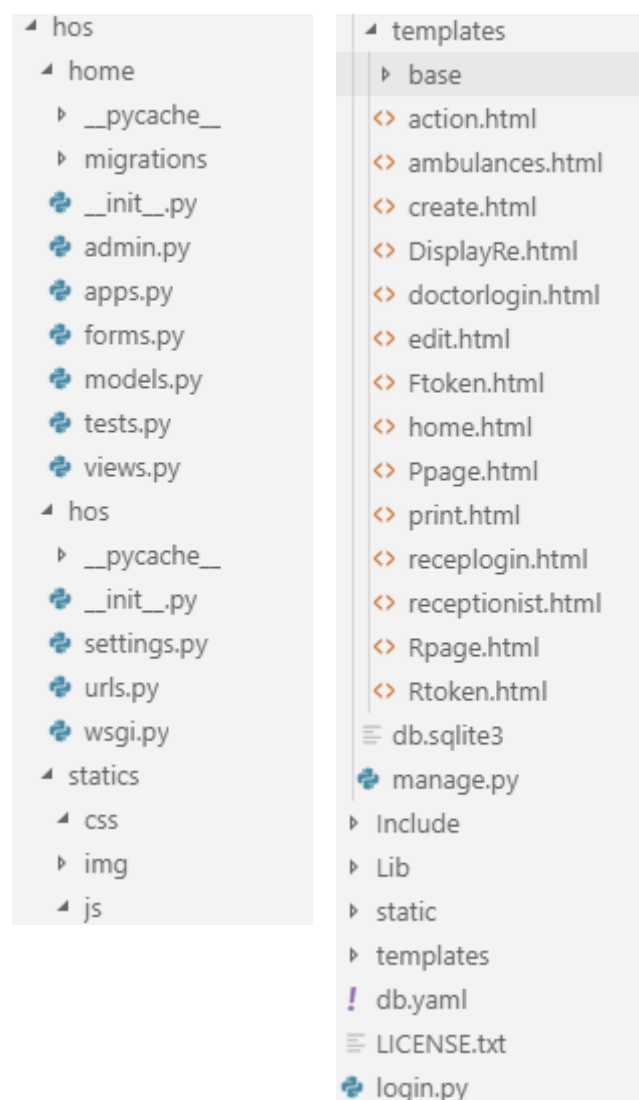- The apps u install must be specified in settings.py

MODELS CREATED:

1. PATIENT

2. DOCTOR

3. AMBULANCE

4. RECEPTIONIST

5. BILL

6. REPORT

DEVELOPMENT METHODOLOGY:

This project provides the patient token for a respective doctor hospital. He/She will be able to see bills and reports of him. Doctors will be able to see the list of patients who have taken his token, list of reports and he/she can search for patient's information using patient name. Receptionist will be able to add bills and reports of patients and will get the emergency alert when a user request for ambulance by giving this location

FOLDER:

```
▲ hos                    ▲ templates
  ▲ home                   ▷ base
    ▷ __pycache__          <> action.html
    ▷ migrations           <> ambulances.html
    🐍 __init__.py         <> create.html
    🐍 admin.py            <> DisplayRe.html
    🐍 apps.py             <> doctorlogin.html
    🐍 forms.py            <> edit.html
    🐍 models.py           <> Ftoken.html
    🐍 tests.py            <> home.html
    🐍 views.py            <> Ppage.html
  ▲ hos                    <> print.html
    ▷ __pycache__          <> receplogin.html
    🐍 __init__.py         <> receptionist.html
    🐍 settings.py         <> Rpage.html
    🐍 urls.py             <> Rtoken.html
    🐍 wsgi.py           ≡ db.sqlite3
  ▲ statics              🐍 manage.py
    ▲ css                ▷ Include
    ▷ img                ▷ Lib
    ▲ js                 ▷ static
                         ▷ templates
                         ! db.yaml
                         ≡ LICENSE.txt
                         🐍 login.py
```

DIFFICULTIES FACED:

Forbidden (403)

CSRF verification failed. Request aborted.

Help

Reason given for failure:
    CSRF token missing or incorrect.

In general, this can occur when there is a genuine Cross Site Request Forgery, or when Django's CSRF mechanism has not been used correctly. For POST forms, you need to ensure:

- Your browser is accepting cookies.
- The view function passes a request to the template's render method.
- In the template, there is a {% csrf_token %} template tag inside each POST form that targets an internal URL.
- If you are not using CsrfViewMiddleware, then you must use csrf_protect on any views that use the csrf_token template tag, as well as those that accept the POST data.
- The form has a valid CSRF token. After logging in in another browser tab or hitting the back button after a login, you may need to reload the page with the form, because the token is rotated after a login.

You're seeing the help section of this page because you have DEBUG = True in your Django settings file. Change that to False, and only the initial error message will be displayed.

You can customize this page using the CSRF_FAILURE_VIEW setting.

SOLUTION:User have missed a csrf token in any page

DoesNotExist at /CreateReport/

report matching query does not exist.

Request Method:	GET
Request URL:	http://127.0.0.1:8000/CreateReport/
Django Version:	2.2.3
Exception Type:	DoesNotExist
Exception Value:	report matching query does not exist.
Exception Location:	C:\Users\Suchetha\Desktop\project\lib\site-packages\django\db\models\query.py in get, line 408
Python Executable:	C:\Users\Suchetha\Desktop\project\Scripts\python.exe
Python Version:	3.7.3
Python Path:	['C:\\Users\\Suchetha\\Desktop\\project\\hos', 'C:\\Users\\Suchetha\\Desktop\\project\\Scripts\\python37.zip', 'C:\\Users\\Suchetha\\Desktop\\project\\DLLs', 'C:\\Users\\Suchetha\\Desktop\\project\\lib', 'C:\\Users\\Suchetha\\Desktop\\project\\Scripts', 'c:\\python37\\Lib', 'c:\\python37\\DLLs', 'C:\\Users\\Suchetha\\Desktop\\project', 'C:\\Users\\Suchetha\\Desktop\\project\\lib\\site-packages']
Server time:	Fri, 12 Jul 2019 09:50:13 +0000

SOLUTION: User entered thing does not match with database

REFERENCES:

- https://pypi.org/
- https://getbootstrap.com/
- https://www.w3schools.com/
- https://www.tutorialspoint.com/
- https://stackoverflow.com/
- https://djangoproject.com/