DOCTOR PATIENT PORTAL

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Nambur

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ABSTRACT

- Doctor patient portal is a managing system that helps doctors as well as the patients by providing options of booking appointments as per the convenience of both doctor and patients.
- Through this system, doctors can easily manage the appointment slots online itself.
- The system helps the patients to book appointment of particular doctor who is specialist in their problem.
- While taking appointment, patients can mention their problem in the appointment. So that, the doctor is aware of patient problem for any further prescription and treatment before patient come to hospital.

INTRODUCTION

- We are developing the portal which is beneficial to the patients as well as to the doctors.
- The main feature of this Doctor Patient Portal is patients can take appointment of particular doctor who is specialist in our problem at our location in any country.
- Doctors also create their appointment mentioning their available time, specialization and place which is visible to patients.
- So that, it will be helpful to patients to take appointments.
- The advantage of this Doctor Patient Portal is by entering their location and selecting their required service, patients can get the available doctors.

SOFTWARE REQUIREMENTS

- Windows10
- Python3
- dj-database-url==0.5.0
- Django==2.2
- Pillow==7.2.0
- psycopg2==2.8.5
- pytz==2020.1
- sqlparse==0.3.1
- whitenoise==5.1.0
- django-bootstrap-form==3.4
- gunicorn==20.0.4

HARDWARE COMPONENTS

- Processor – Intel Core i3 Processor
- Hard Disk – 5GB or above
- Memory – 4GB RAM

EXISTING SYSTEM

- The existing system has a lot of paper work.
- To maintain the records of appointments and service manually, is a Time consuming task.
- Patients need to stand in queue for long time.
- If someone want to check the details of the available doctors the Existing system does not provide any necessary details of this type.

LIMITATIONS

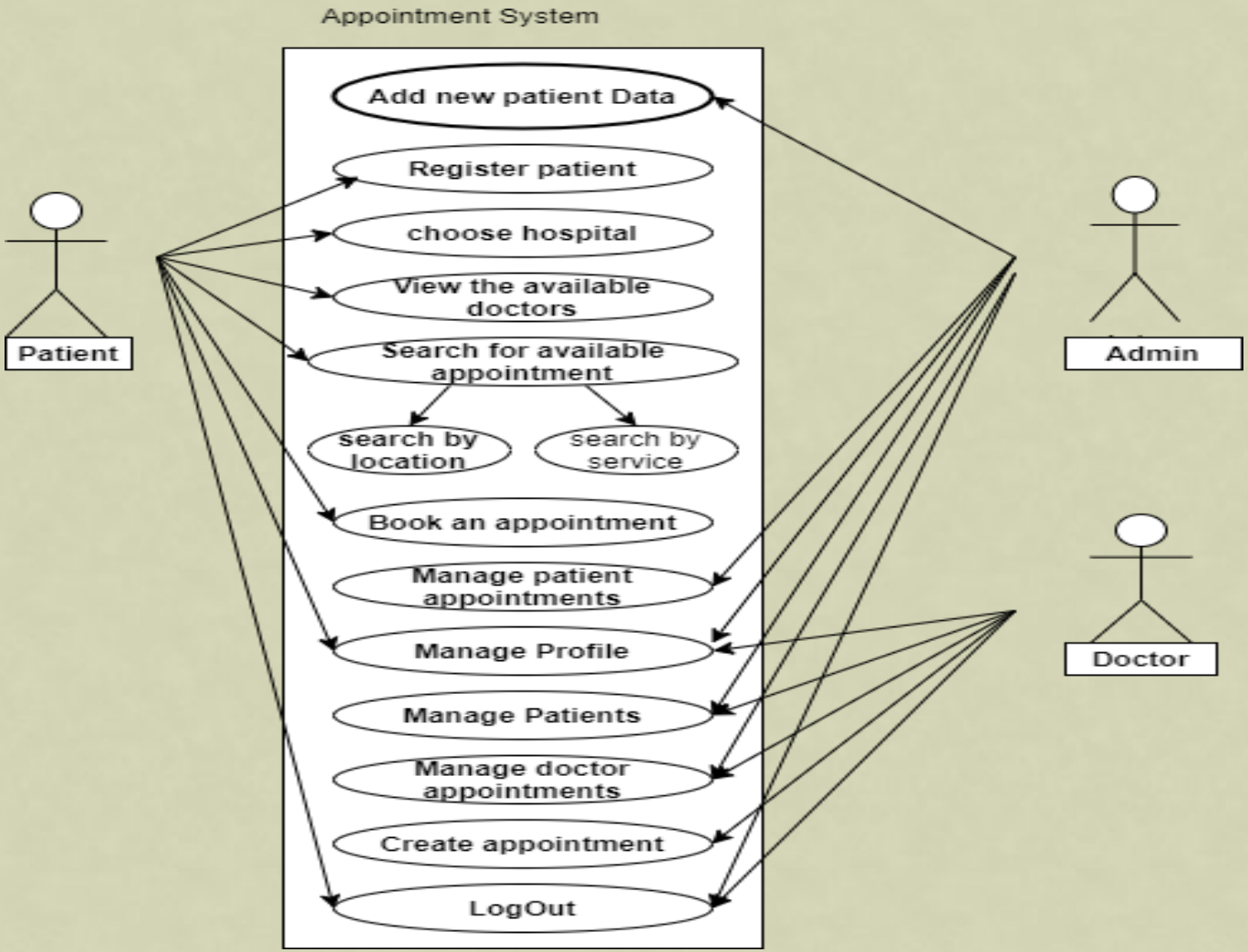
- The existing system works manually.
- Lots of paper work and Human work is involved.
- The availability of doctor is unknown to the patients.
- Patient details cannot be accessed efficiently.

PROPOSED SYSTEM

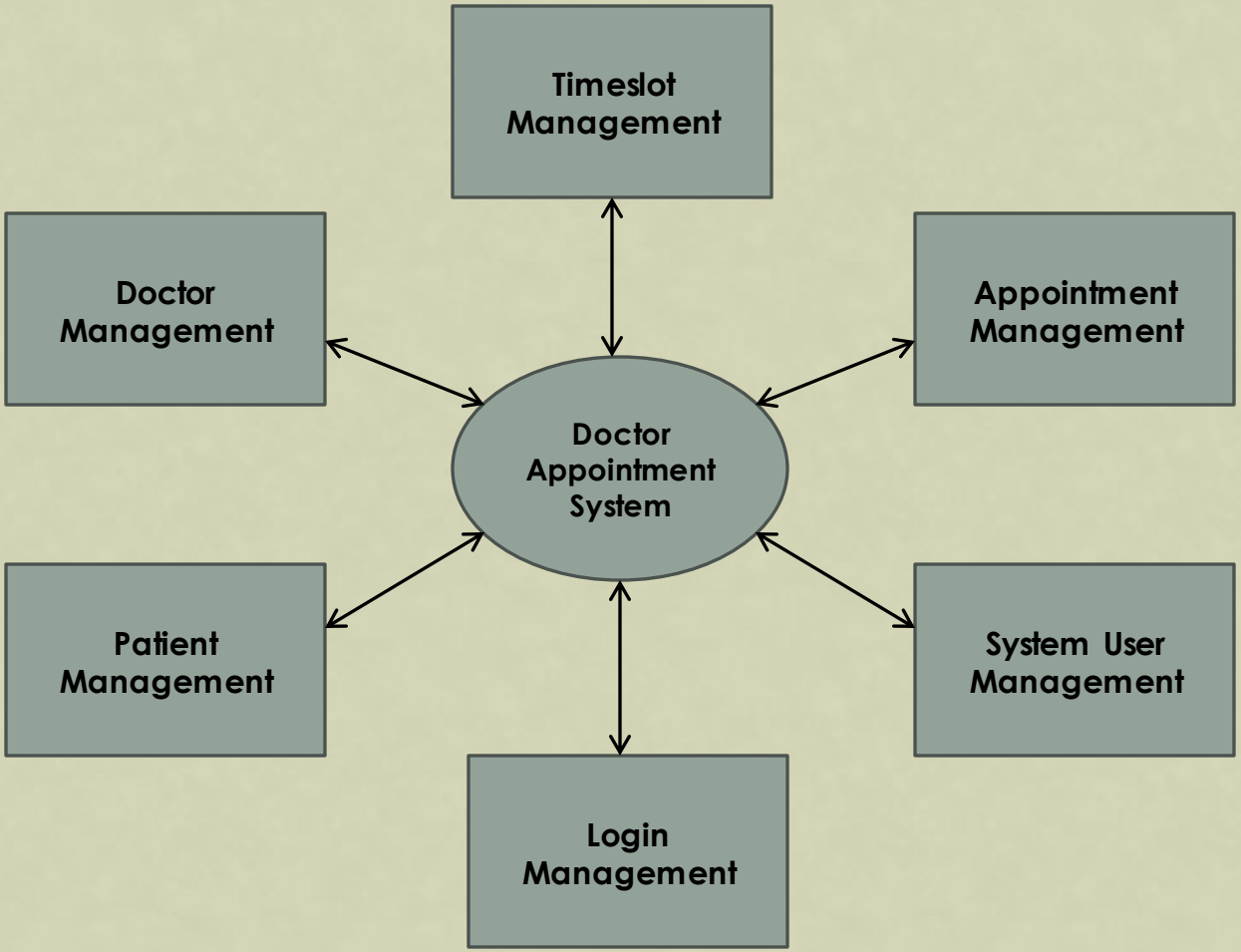
- The proposed system that will help doctors in their work and will also help patients to book doctor appointments in online instead of standing in queue for long time.

- By entering their location and selecting their required service, patients will get the available doctors.
- While taking an appointment in online, patients can mention their problem in appointment. So that the doctor is aware of patient problem for any further prescription and treatment before patient came to hospital.

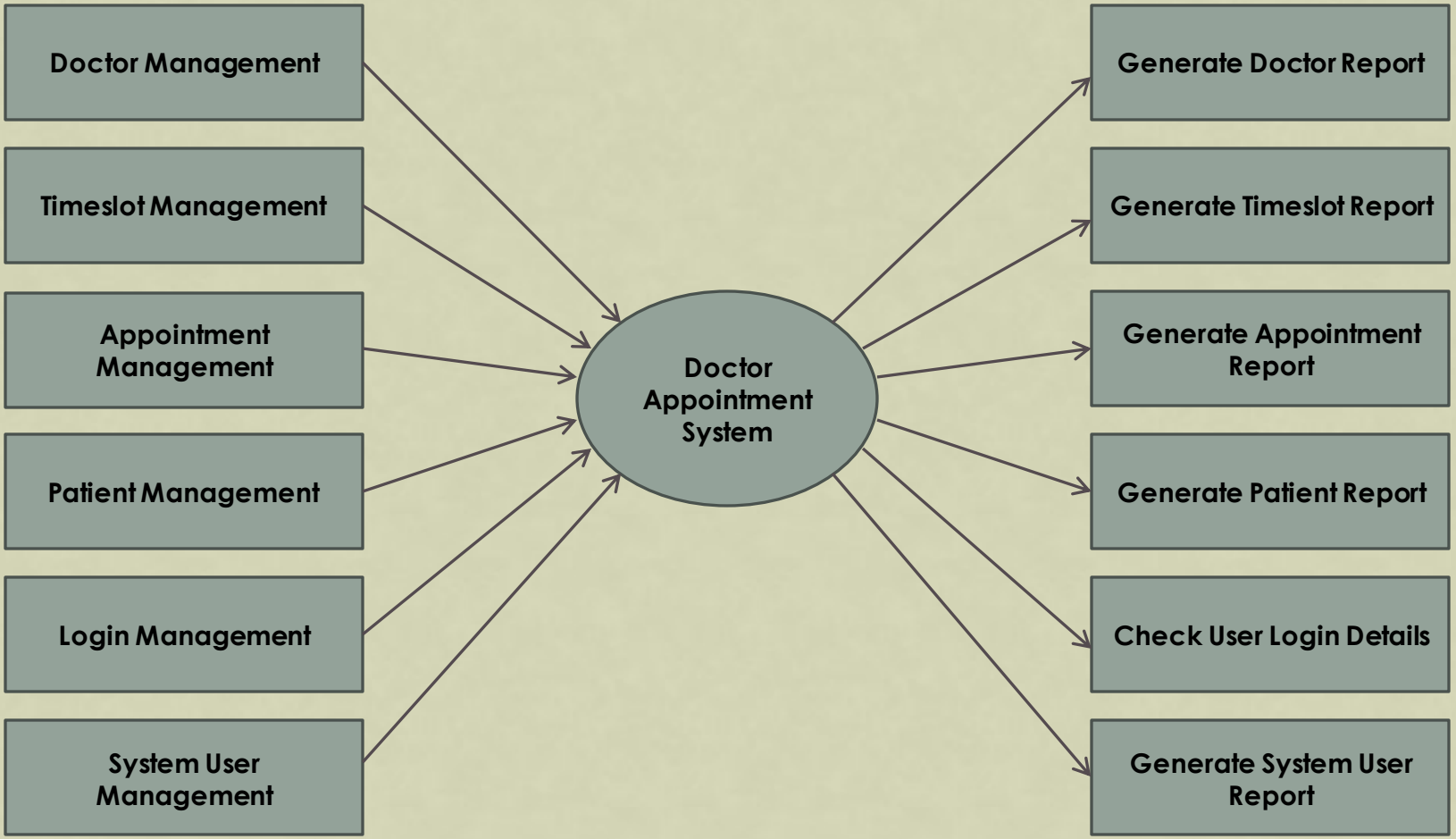
USE CASE DIAGRAM



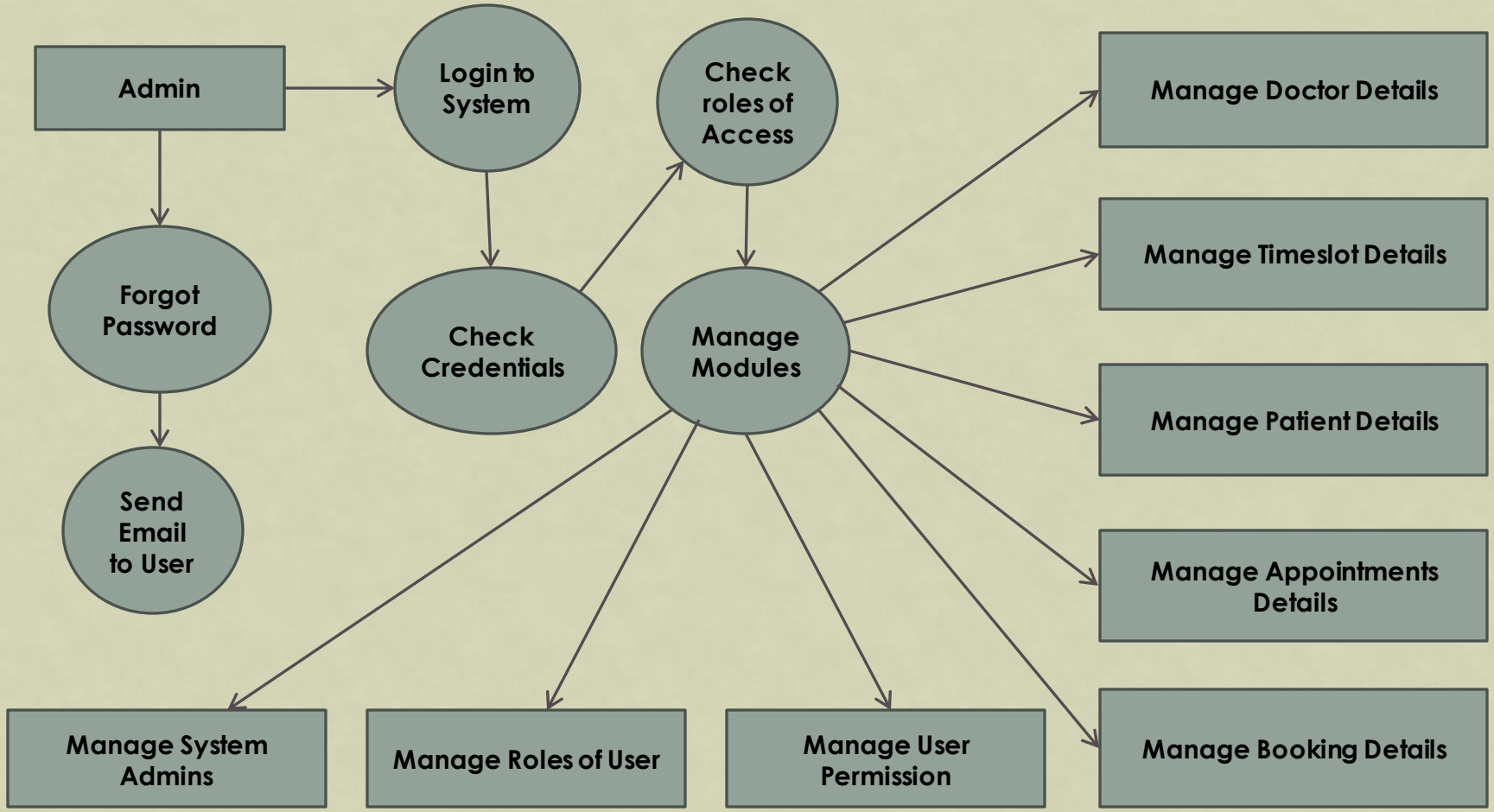
DATA FLOW DIAGRAM-ZERO LEVEL



DATA FLOW DIAGRAM-FIRST LEVEL



DATA FLOW DIAGRAM-SECOND LEVEL



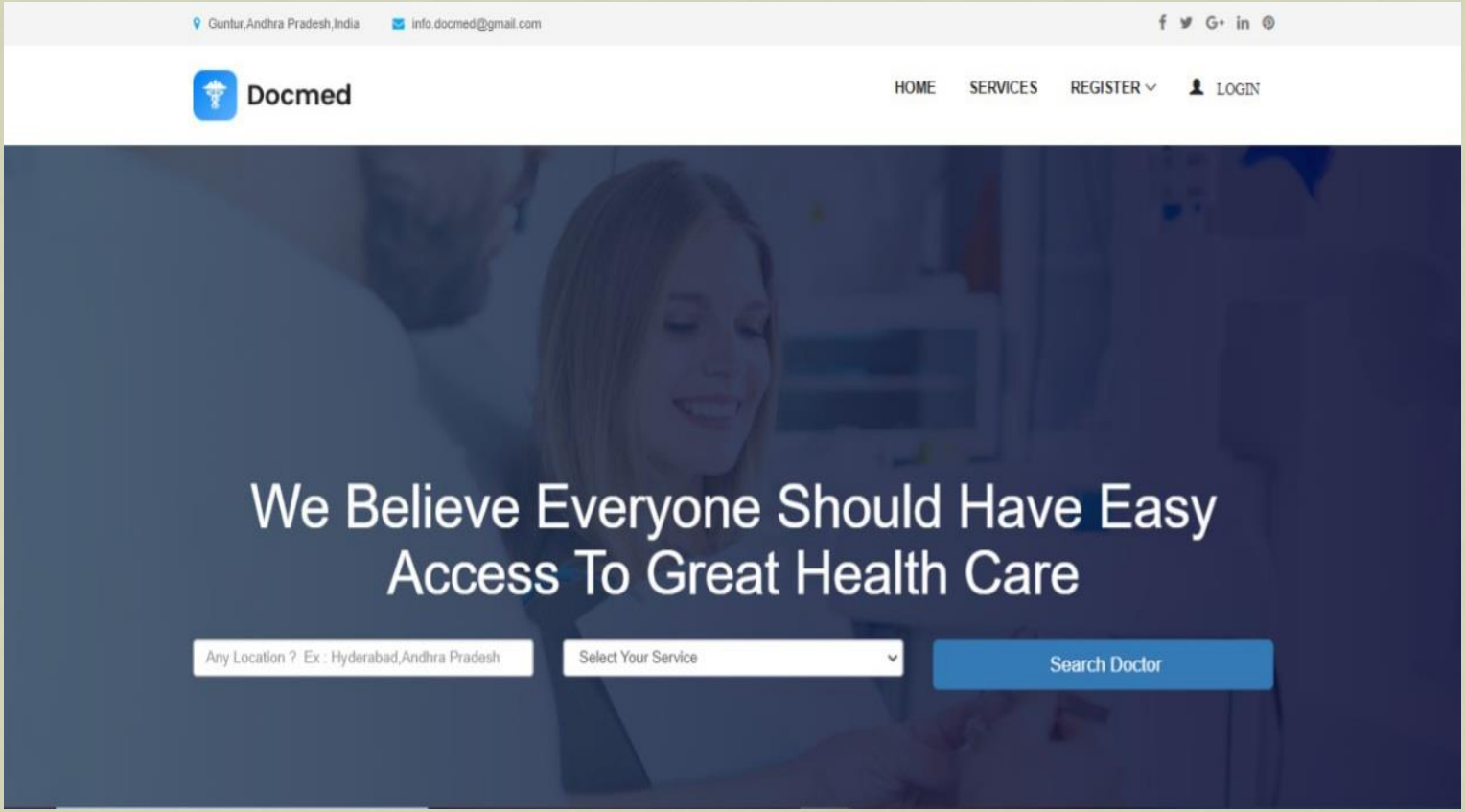
MODULE SPECIFICATIONS

- **The project includes modules such as**

  1) Accounts

  2) Appointment

HOME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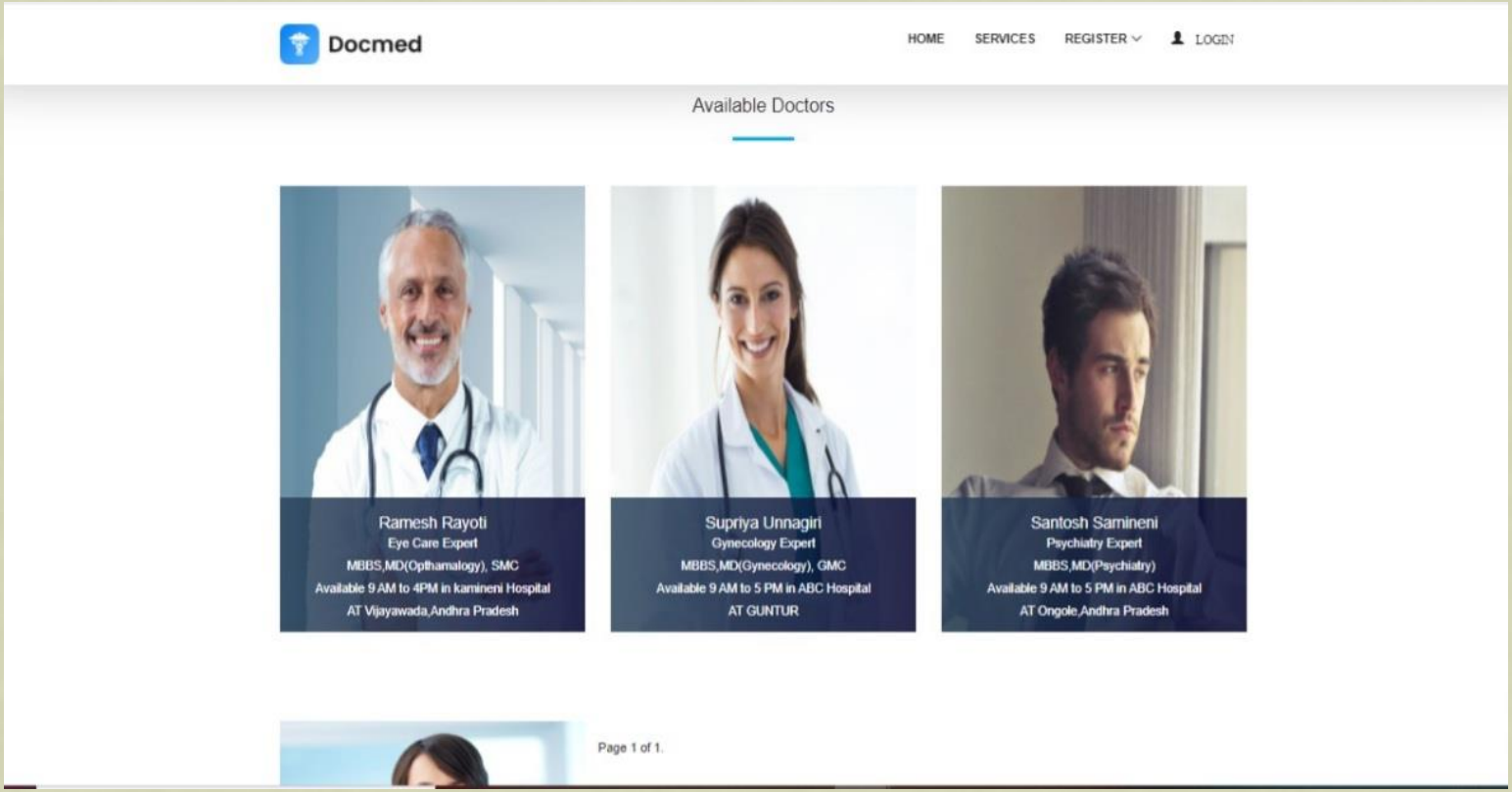
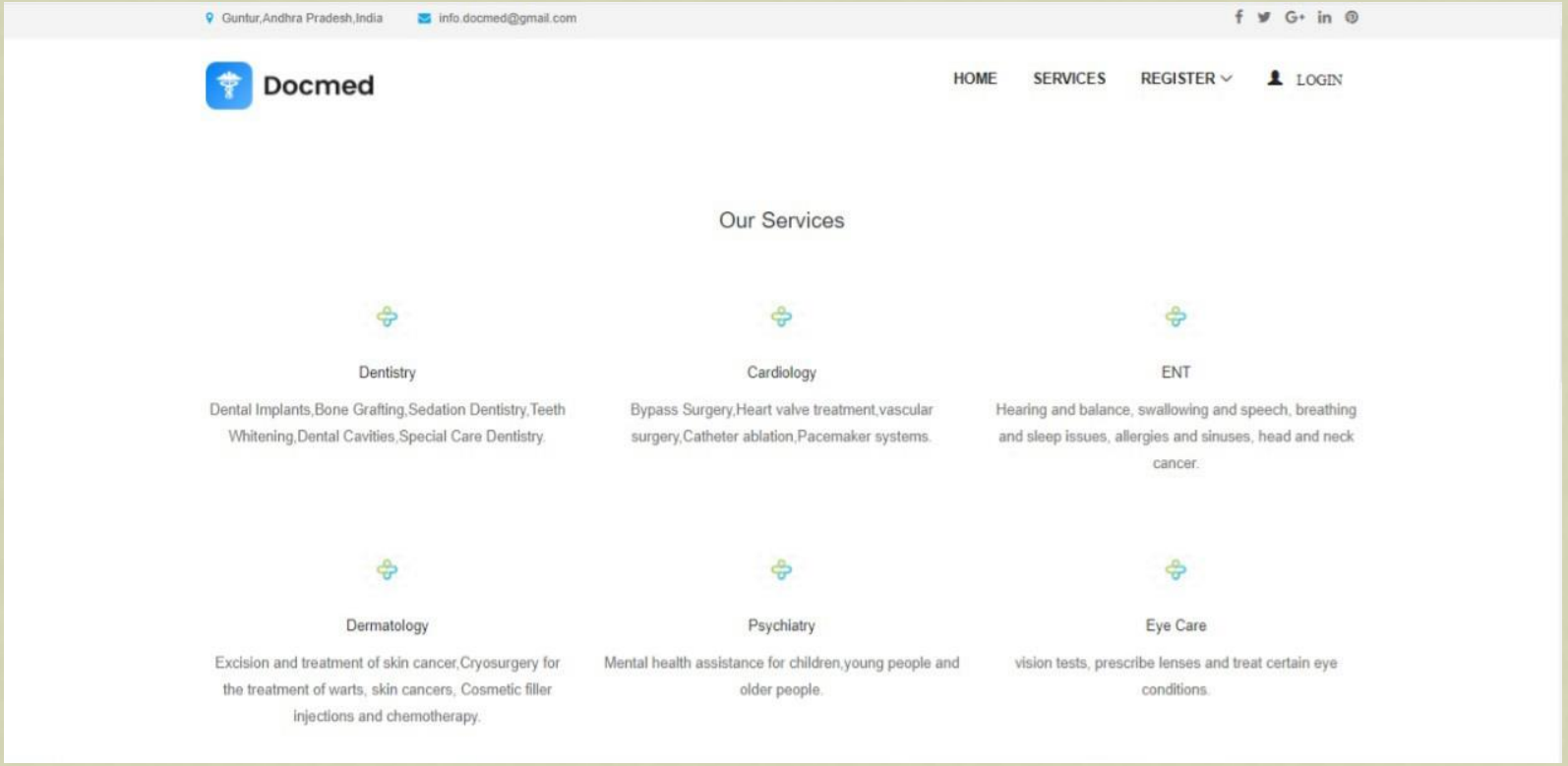
HOME
SERVICES
REGISTER
LOGIN
We Believe Everyone Should Have Easy Access To Great Health Care
Any Location ? Ex : Hyderabad,Andhra Pradesh
Select Your Service
Search Doctor

AVAILABLE DOCTORS



SERVICES


Guntur,Andhra Pradesh,India
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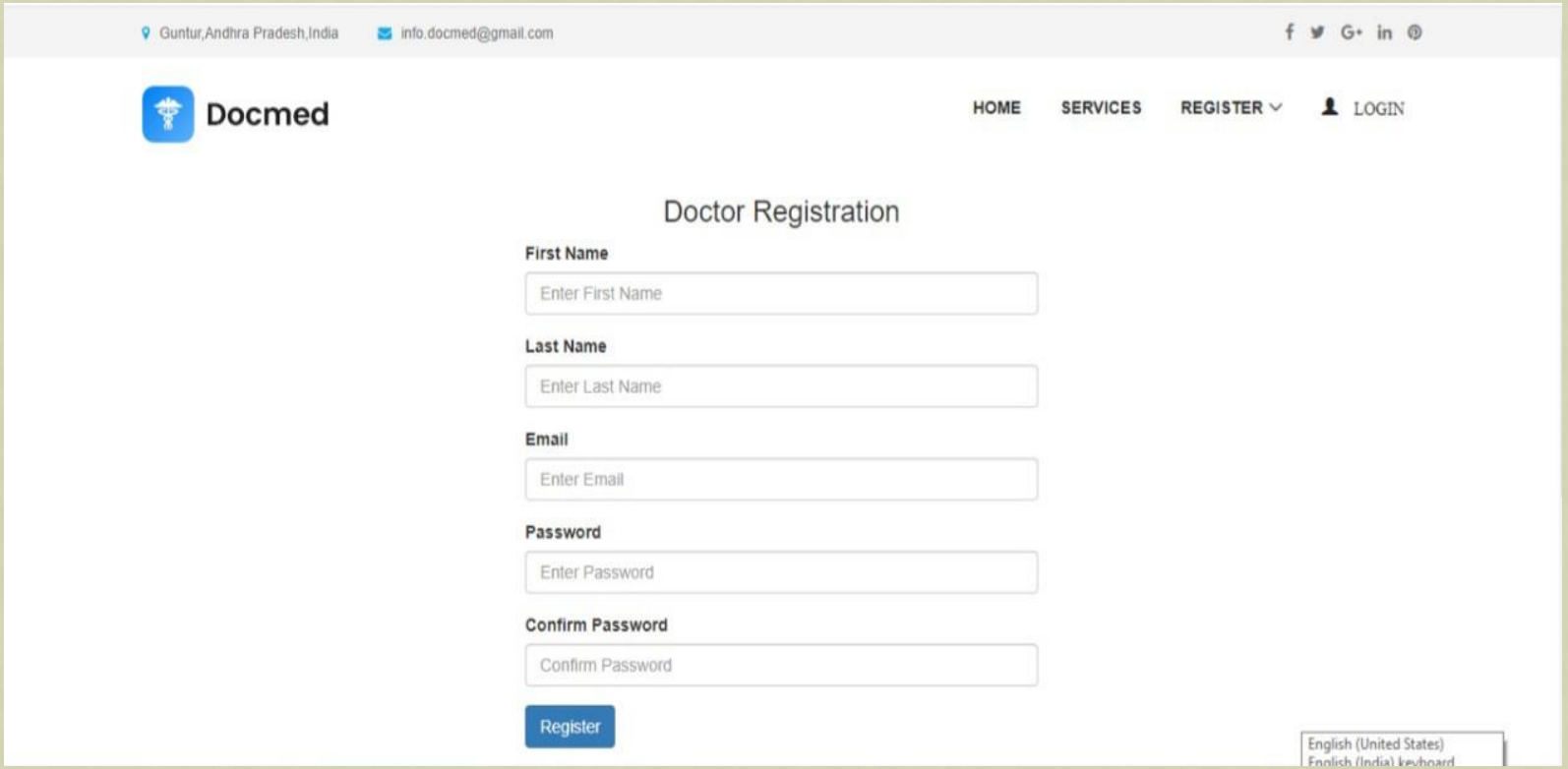
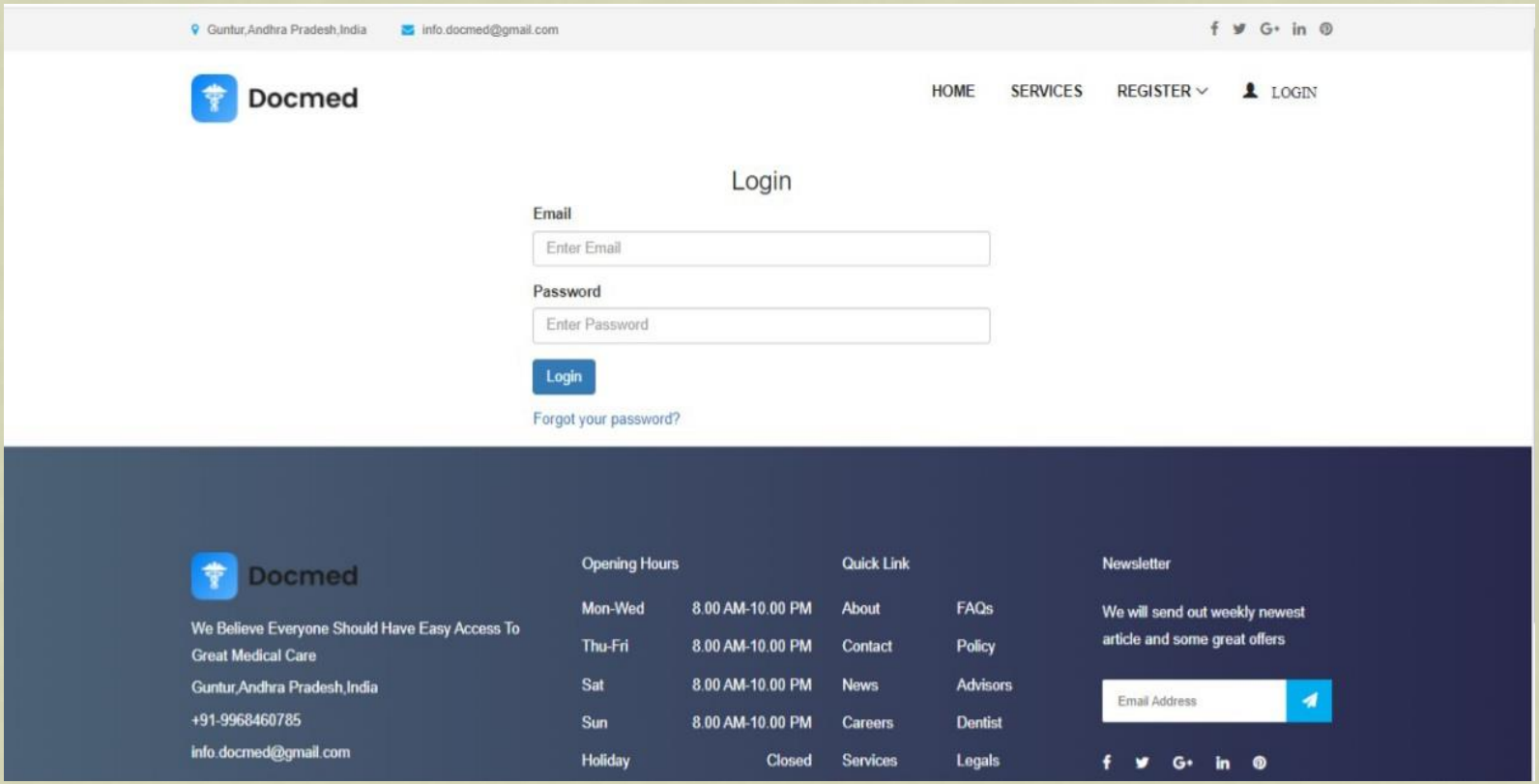
HOME
SERVICES
REGISTER
LOGIN
Our Services
Dentistry
Dental Implants,Bone Grafting,Sedation Dentistry,Teeth Whitening,Dental Cavities,Special Care Dentistry.
Cardiology
Bypass Surgery,Heart valve treatment,vascular surgery,Catheter ablation,Pacemaker systems.
ENT
Hearing and balance, swallowing and speech, breathing and sleep issues, allergies and sinuses, head and neck cancer.
Dermatology
Excision and treatment of skin cancer,Cryosurgery for the treatment of warts, skin cancers, Cosmetic filler injections and chemotherapy.
Psychiatry
Mental health assistance for children,young people and older people.
Eye Care
vision tests, prescribe lenses and treat certain eye conditions.

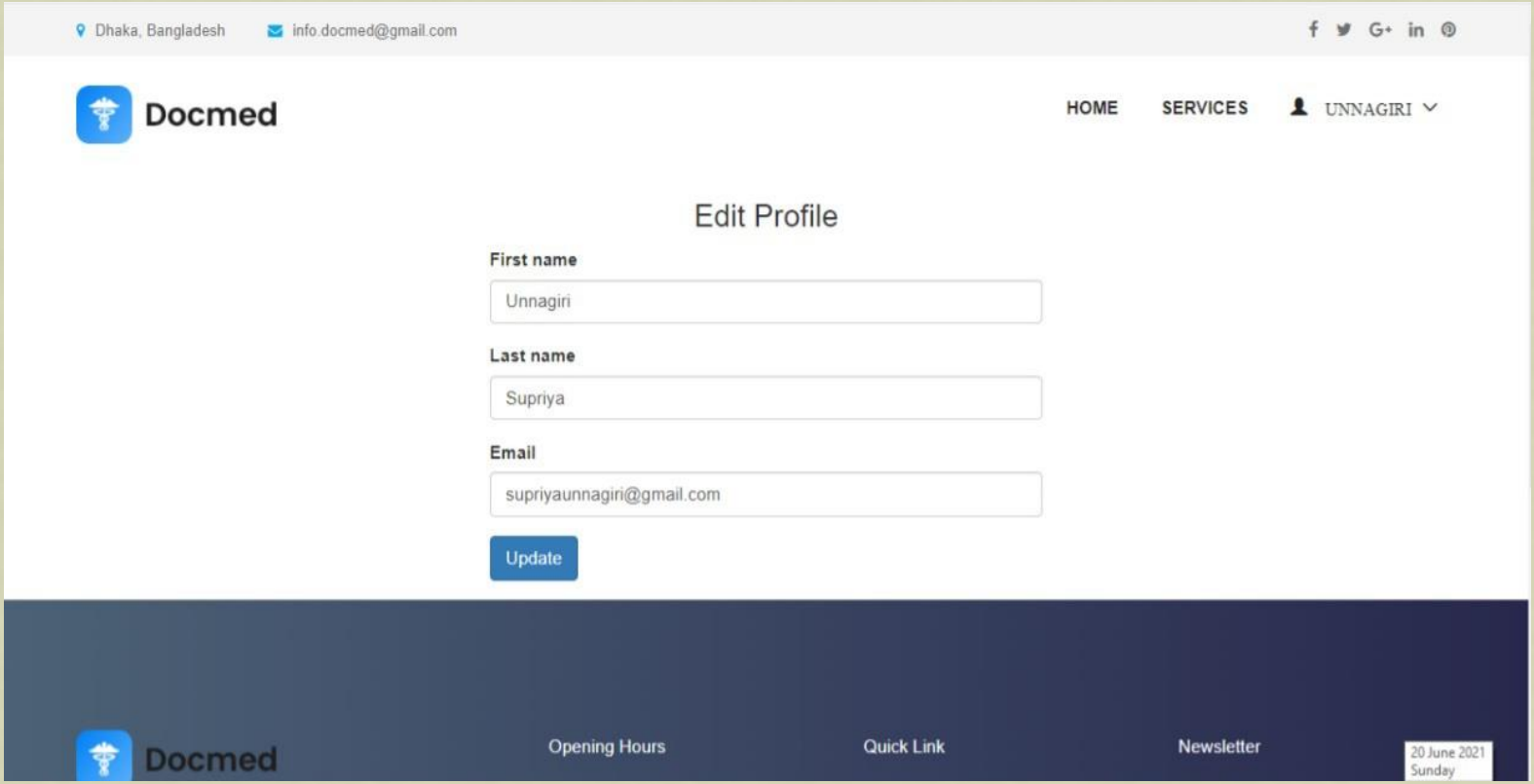
DOCTOR REGISTRATION



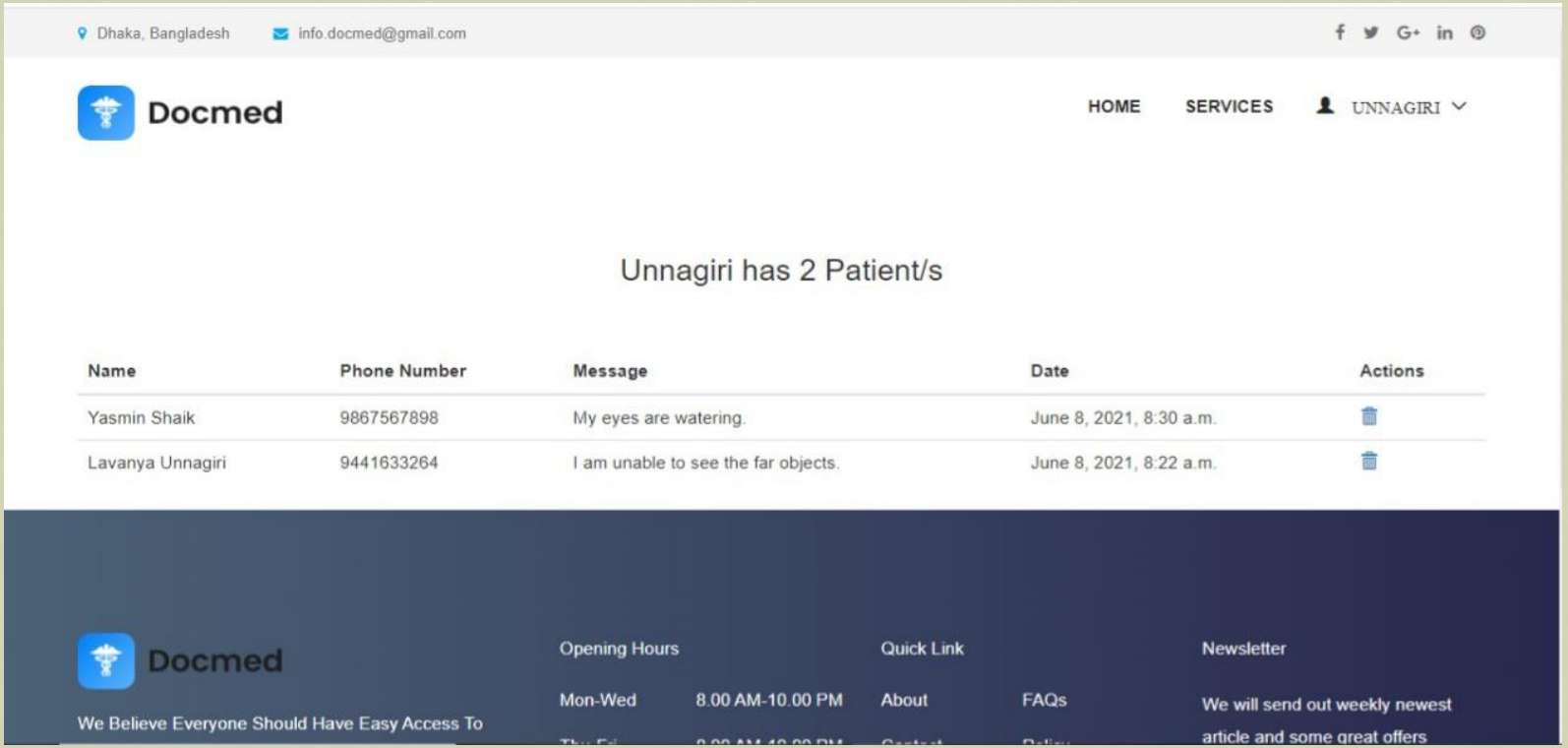
DOCTOR LOGIN



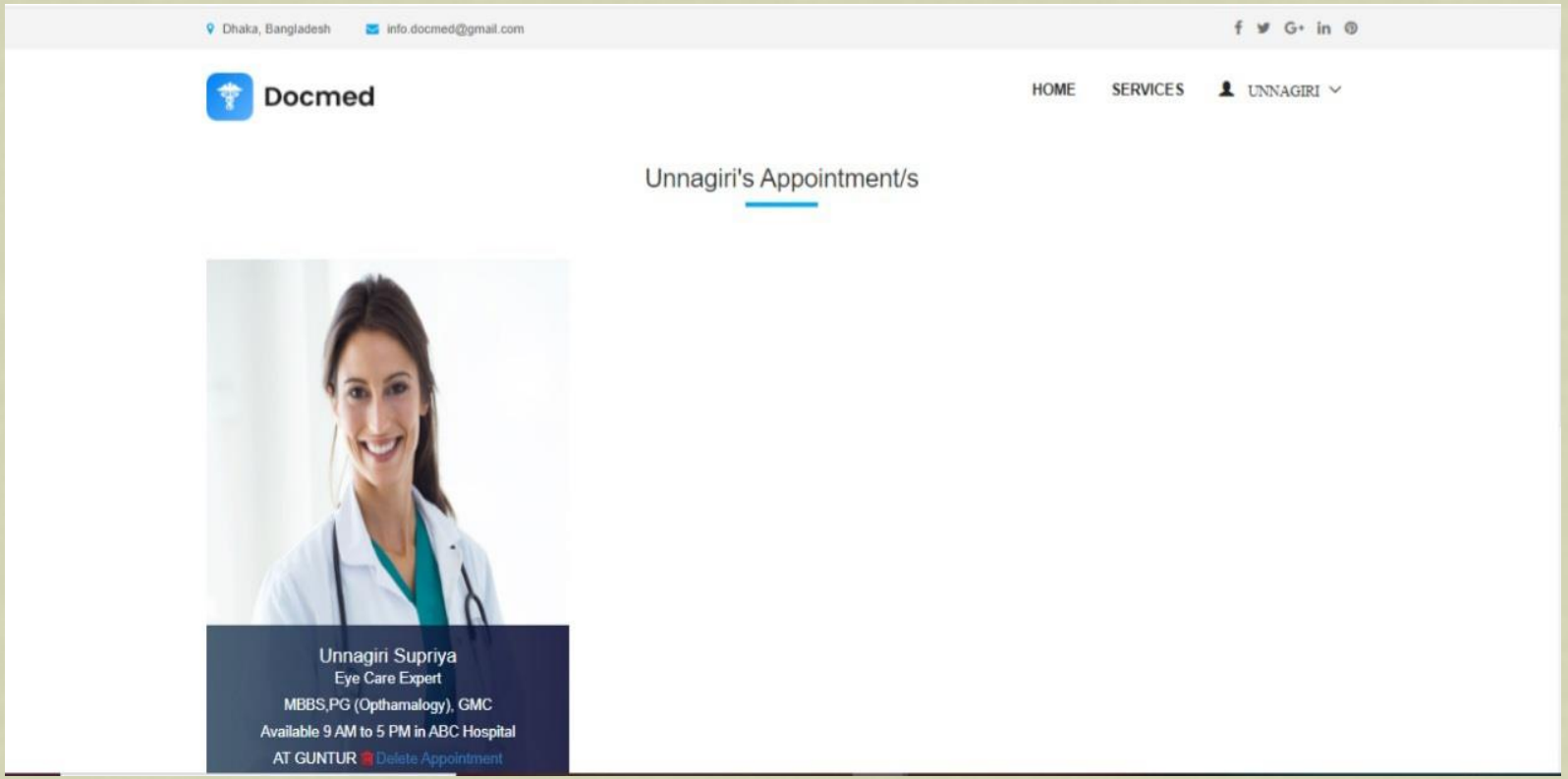
EDIT PROFILE



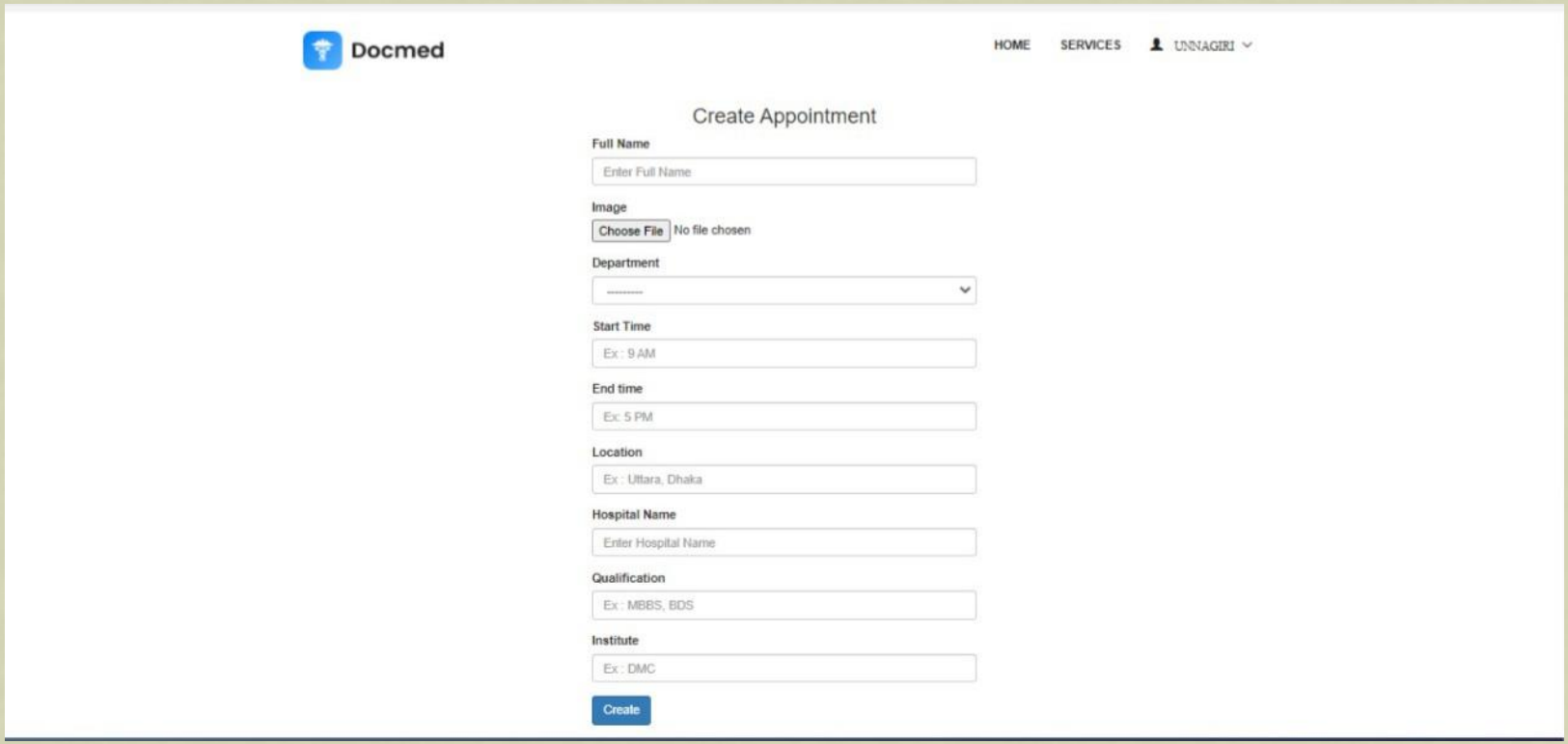
PATIENT APPOINTMENTS



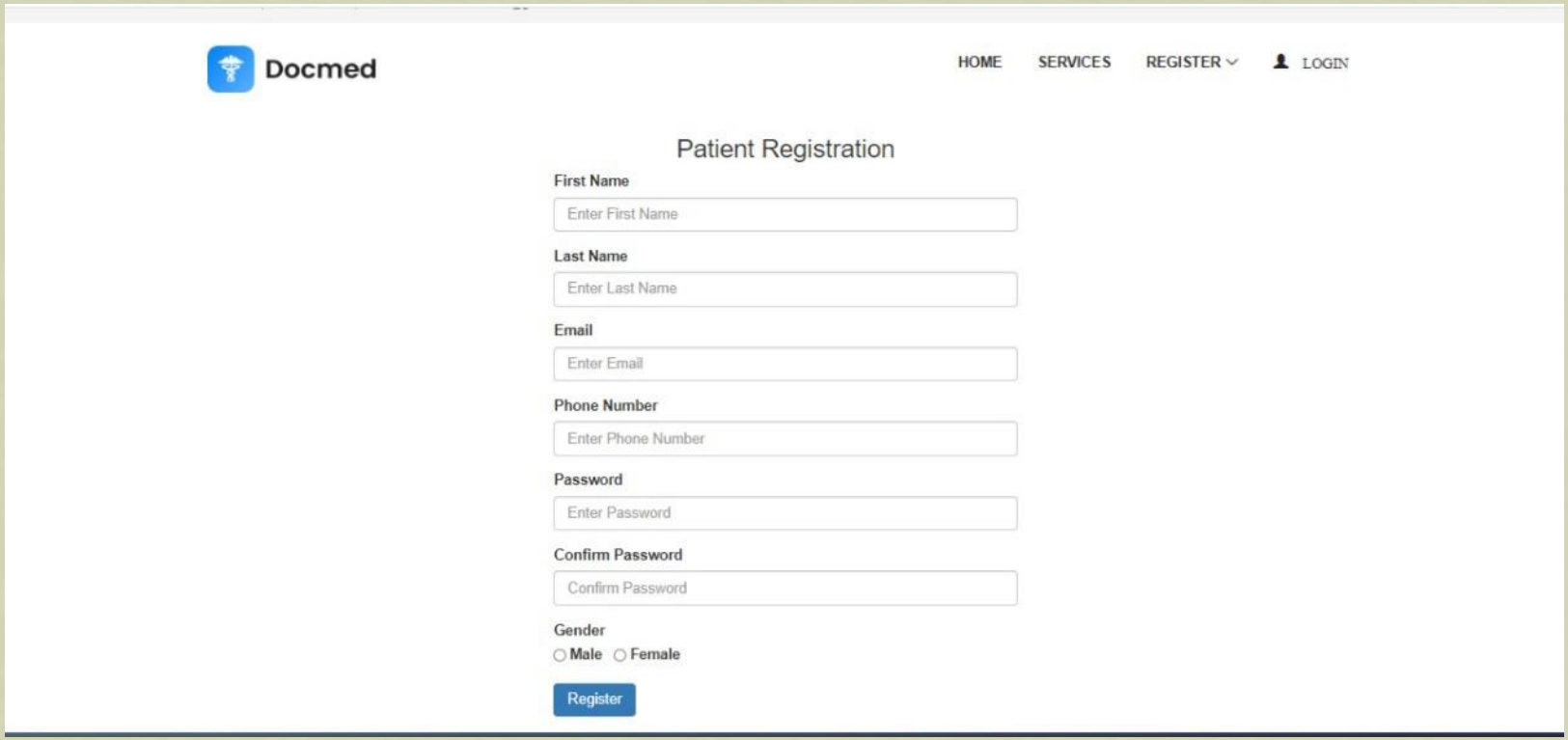
APPOINTMENTS



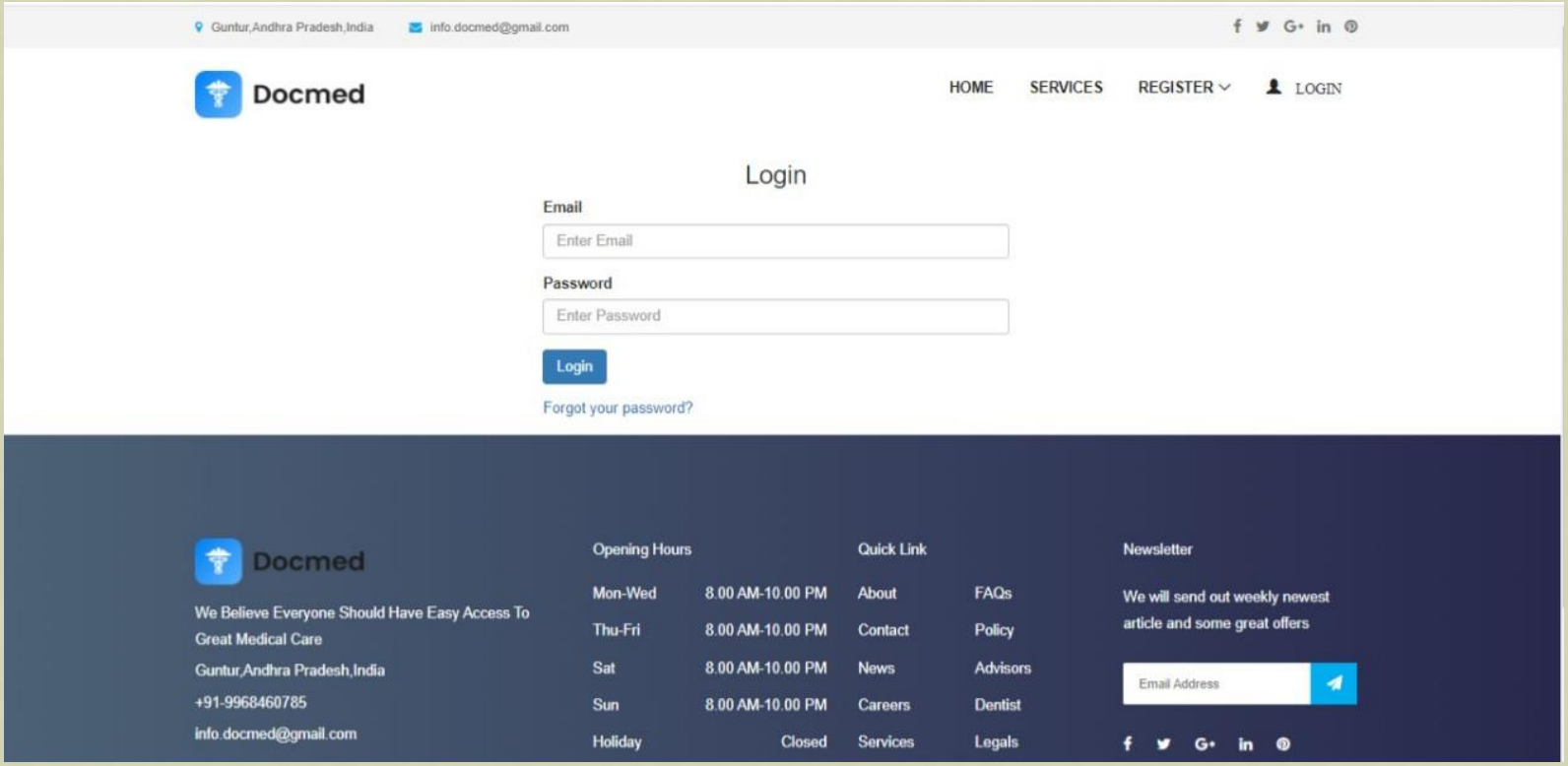
CREATE APPOINTMENT



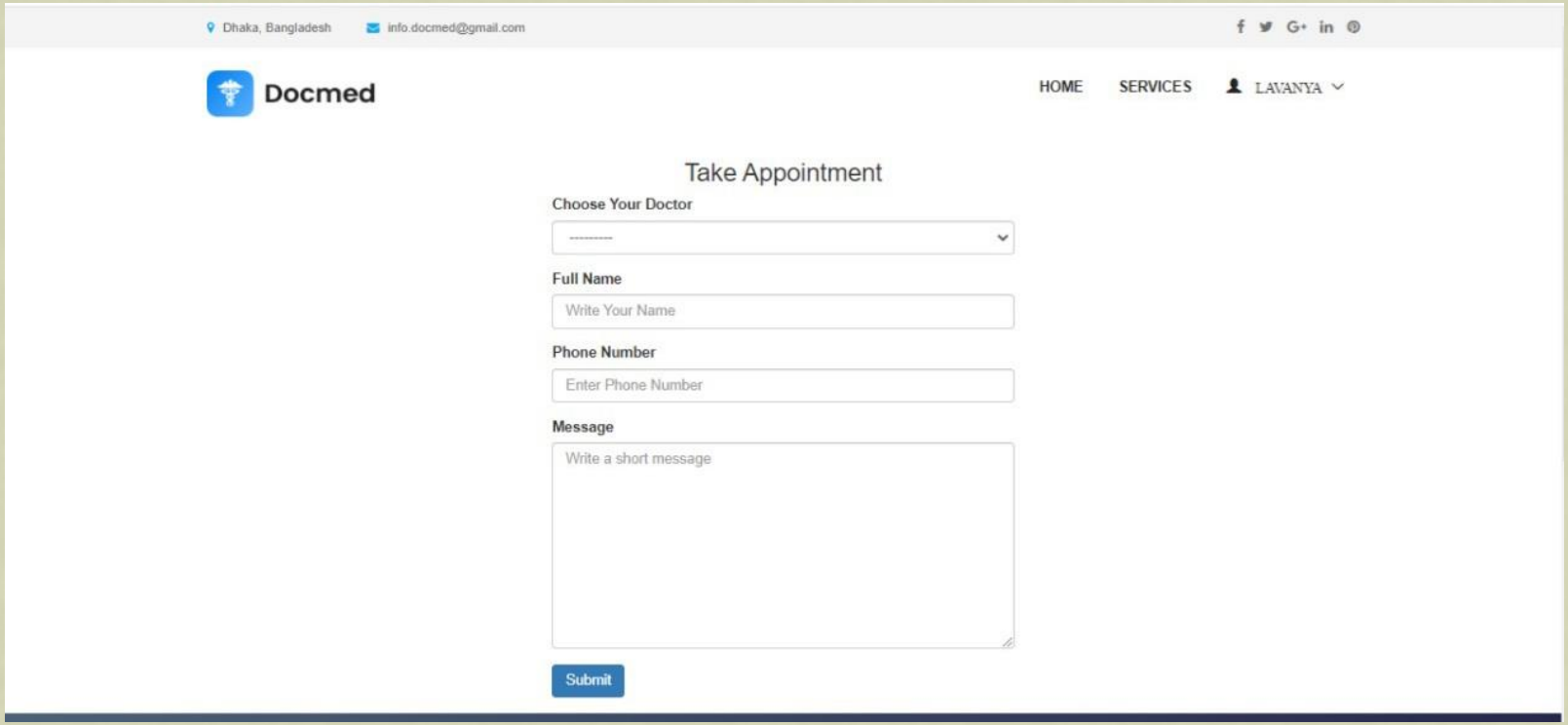
PATIENT REGISTRATION



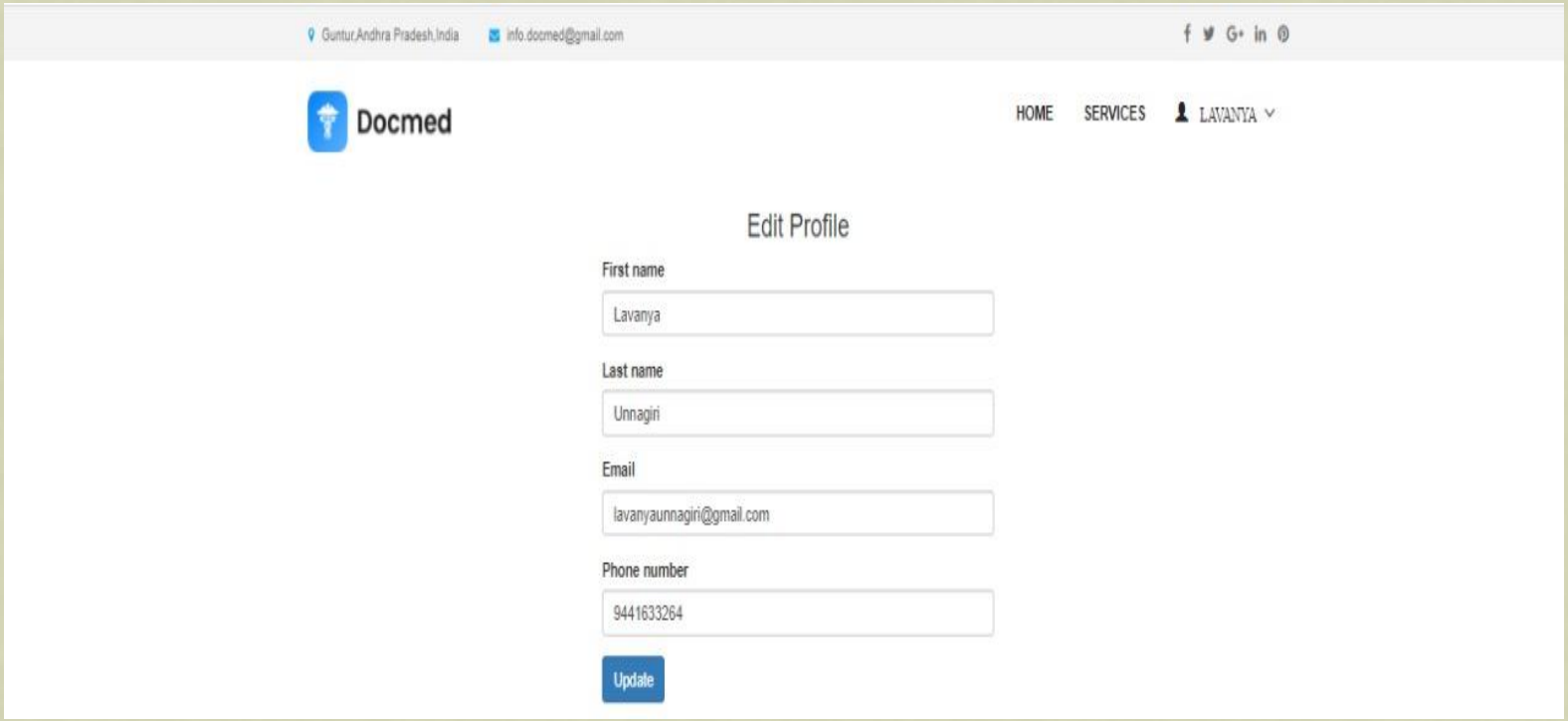
PATIENT LOGIN



TAKE APPOINTMENT



EDIT PROFILE



TEST CASES FOR DOCTOR REGISTER

1.	Test case ID	Register
2.	Precondition	• Enter First Name • Enter Last Name • Enter Email ID • Enter Password • Enter Confirm Password • Click "Register" Button
3.	Description	If the details are into the database, the user should be redirected to login page
4.	Test steps	• Enter First Name • Enter Last Name • Enter Email ID • Enter Password • Enter Confirm Password • Click "Register" Button
5.	Expected Output	Display the login page
6.	Actual Output	Display the login page
7.	Status	Pass
8.	Remarks	

TEST CASES FOR PATIENT REGISTER

1.	Test case ID	Register
2.	Precondition	• Enter First Name • Enter Last Name • Enter Email ID • Enter Phone Number • Enter Password • Enter Confirm Password • Select Gender • Click "Register" Button
3.	Description	If the details are into the database, the user should be redirected to login page
4.	Test steps	• Enter First Name • Enter Last Name • Enter Email ID • Enter Phone Number • Enter Password • Enter Confirm Password • Select Gender • Click "Register" Button
5.	Expected Output	Display the login page
6.	Actual Output	Display the login page
7.	Status	Pass
8.	Remarks	

TEST CASES FOR LOGIN

1.	Test Case ID	Login
2.	Precondition	• Enter username • Enter password • Click "Login" button
3.	Description	If username and password match, the user should redirect to home page
4.	Test steps	• Enter username • Enter password • Click "Login" button
5.	Expected Output	Display the home page
6.	Actual Output	Display the home page
7.	Status	Pass
8.	Remarks	

TEST CASES FOR LOGIN FAILURE

1.	**Test case ID**	**Login Failure**
2.	Precondition	• Enter username • Enter password • Click "Login" button
3.	Description	If username and password mismatch, an error message is displayed
4.	Test steps	• Enter username • Enter password • Click "Login" button
5.	Expected Output	Login failure message has to be displayed
6.	Actual Output	Display a message saying "User does not exist"
7.	Status	Pass
8.	Remarks	

FUTURE ENHANCEMENT

- We can provide SMS alert.
- We can provide E-mail alert.
- We can provide online bill payments.

CONCLUSION

The websites which recognize which doctor fits in criteria or which hospital is best for information which you register in their respective portals. Now our proposed system gives a easy way to find out the best doctor and best treatment.

Thank
you