

MINI PROJECT

Batch : B3

Subject : Java Full Stack Lab

Topic : Healthcare Administration System

Group Members :

UCE2021552 : Maitreyee Patil

UCE2021553 : Niharika Patil

UCE2021554 : Pradnya Patil

UEC2021347 : Vaishnavi Rohokale

1. Technologies :

- a. Java EE (Enterprise Edition):** JSF is part of Java EE, which provides a range of APIs and services for building large-scale, enterprise applications.
- b. Database Management Systems (DBMS):** For managing patient records, medical data, appointments, and other information, a DBMS - MySQL is used.
- c. Front-End Technologies:** Front-end technologies such as HTML, CSS, JavaScript are used for dynamic and user-friendly interfaces.
- d. Server-Side Technologies:** Technologies like Java Servlets, which handle the communication between the user's requests and the database, are employed. Along with servlet JSP is used in order to have a friendly view of application.
- e. Deployment and Containerization:** For deployment, Apache Tomcat server is employed.

2. Scope of the project(Functionalities) :

a. Admin Functionalities:

1. Login and Logout.
2. Add,Delete and Update Doctors Information.
3. View patients Details and Appointments.

b. Doctor Functionalities:

1. Login and Logout
2. View Appointments.
3. Updating status of the patient's records like checked or unchecked.

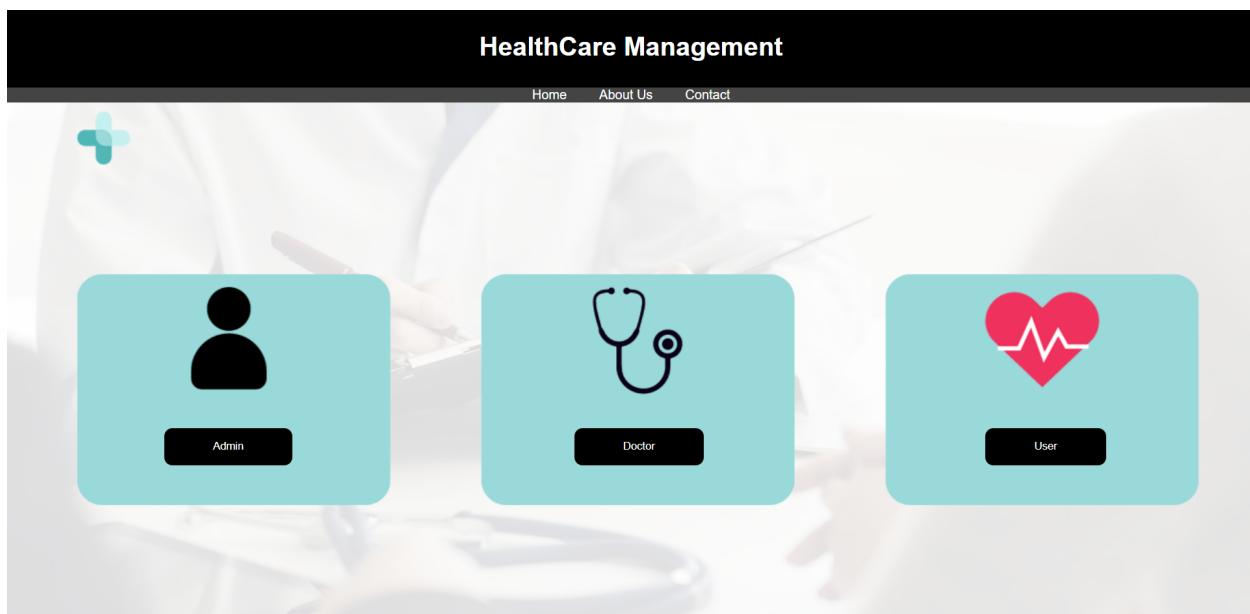
c. Patient's Functionalities:

1. Registration of Patients : Allows patients to register online, providing their details.
2. Scheduling/Booking Appointments : Enables patients to schedule appointments, choose doctors, and manage their appointments.
3. Patient Profiles: Stores and manages patient records, medical history.

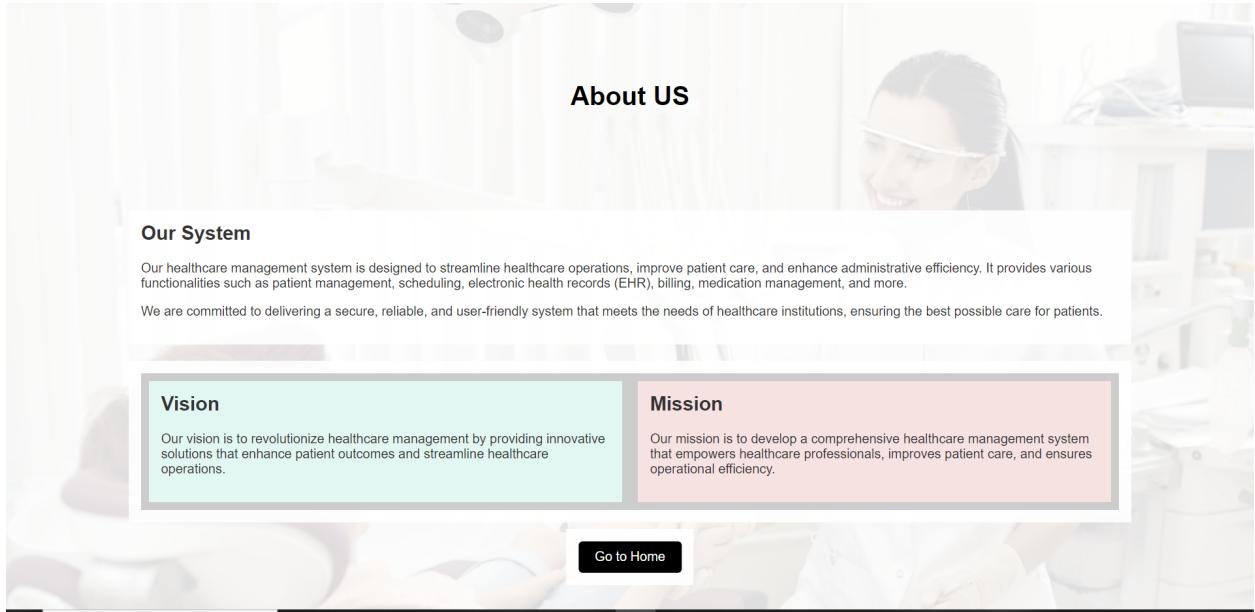
3. Screenshots:

Website:

Home:



About Us:



About US

Our System

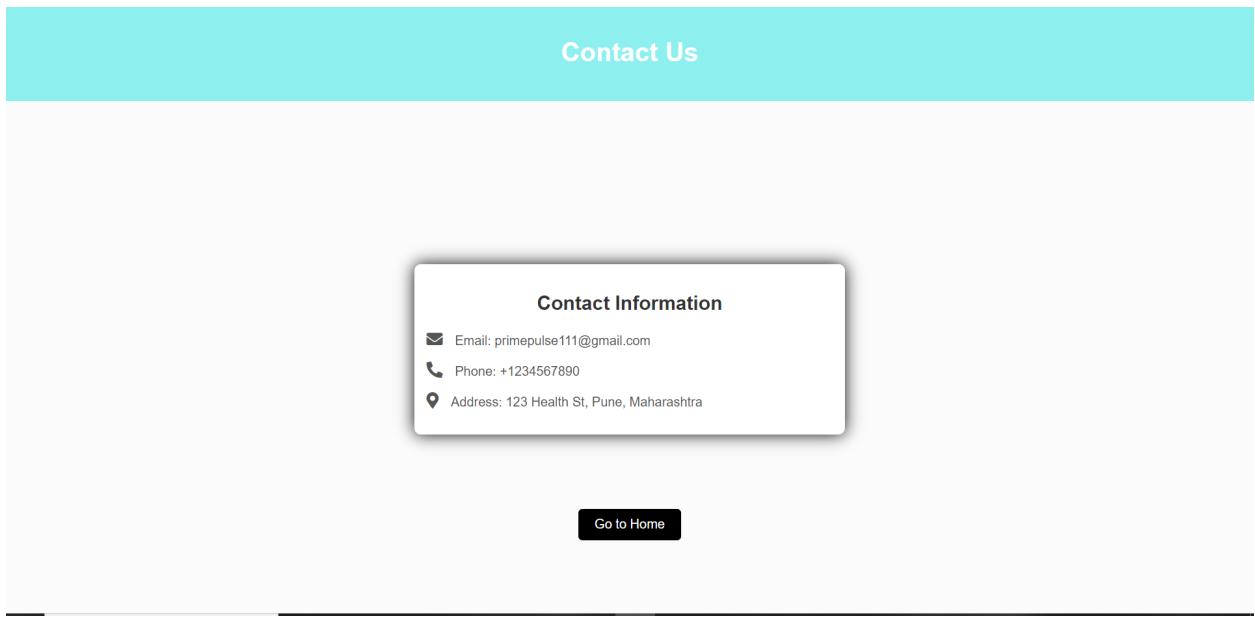
Our healthcare management system is designed to streamline healthcare operations, improve patient care, and enhance administrative efficiency. It provides various functionalities such as patient management, scheduling, electronic health records (EHR), billing, medication management, and more.

We are committed to delivering a secure, reliable, and user-friendly system that meets the needs of healthcare institutions, ensuring the best possible care for patients.

Vision	Mission
Our vision is to revolutionize healthcare management by providing innovative solutions that enhance patient outcomes and streamline healthcare operations.	Our mission is to develop a comprehensive healthcare management system that empowers healthcare professionals, improves patient care, and ensures operational efficiency.

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Contact Us:



Contact Us

Contact Information

✉ Email: primepulse111@gmail.com
📞 Phone: +1234567890
📍 Address: 123 Health St, Pune, Maharashtra

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Admin :

Admin Login

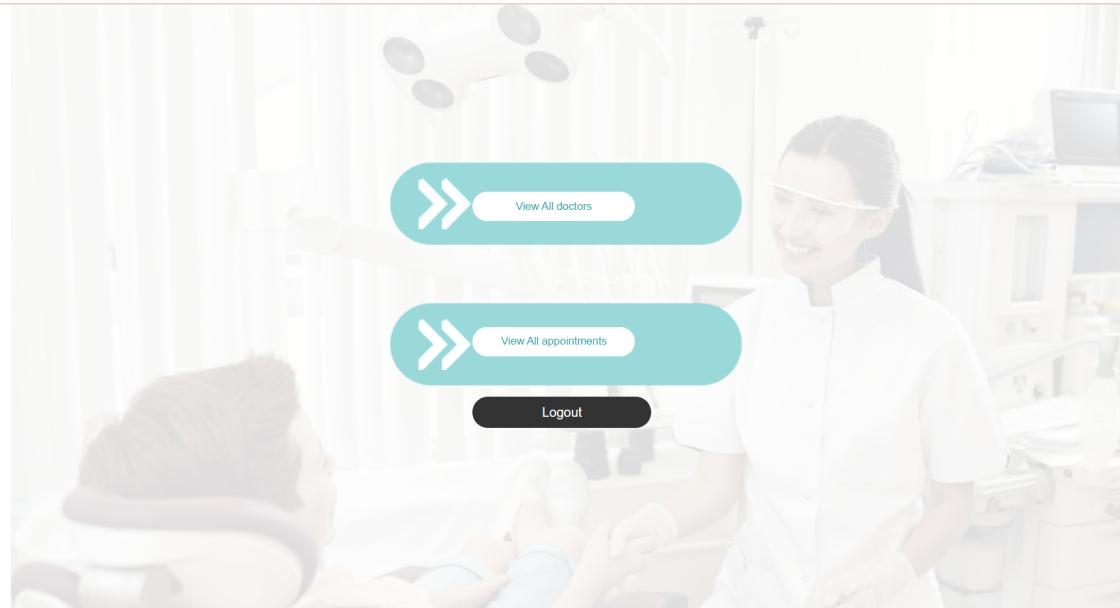
ID:
101

Password:
...

Login

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Doctors Information

ID	Name	Qualification	Phone
1	Vaishnavi Rohokale	MD Gynaec	7894561327
2	Niharika Patil	MD-Dermatology	7845126398
3	Arnav Muley	MD-Psychiatry	7845126399
4	Aryan Bund	MD-Neurology	7845126400
5	Aaditya More	MD-Anesthesiology	7845126401
6	Devesh Bajaj	MD-Orthopedics	7845126402
8	Sahil Rathi	MD-Oncology	7845126403
9	Ruturaj Patil	MD-Ophthalmology	7845126404
10	Pradnya Patil	MD-Gastroenterology	7845126405
11	Ankita Patil	MD-ENT	7536941256

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Appointment Information

AID	PID	Name	Age	Phone	Appt Date	Disease	DocId	Status
1	4	Prajakta	22	7415236985	0011-05-16	skin infection	2	uncheck
2	2	Sneha	20	896385263	0013-05-15	Migraine	4	check
3	4	Prajakta	22	7415236985	0013-05-15	eye infection	9	check
4	2	Sneha	20	896385263	0012-05-15	regular checkup	9	check
5	5	Shruti Pawar	80	8529637415	0016-05-15	depression	3	check
6	6	Mahima Patil	34	7894561235	0021-05-15	eye infection	9	uncheck
7	7	Isha Lanke	20	9021320108	0014-05-16	eye infection	9	uncheck
8	8	Manasi Deshmukh	35	8596423658	0019-05-16	cocussion	4	check
9	9	Akstata Shirbhate	40	7596324156	0020-05-15	Vertigo	4	check
10	10	Aarav Patel	25	1234567890	2023-11-06	nose infection	11	uncheck
11	11	Vihaan Shah	30	9876543210	2023-11-07	Fever	11	uncheck
12	12	Diya Kumar	22	8765432109	2023-11-08	Headache	11	uncheck
13	13	Ishita Singh	27	7654321098	2023-11-09	Cold	11	uncheck
14	14	Aarush Mishra	33	6543210987	2023-11-10	Cough	11	uncheck
15	15	Saisha Gupta	29	5432109876	2023-11-11	nose infection	11	check
16	16	Shaurya Verma	26	4321098765	2023-11-12	Headache	10	check
17	17	Riya Joshi	23	3210987654	2023-11-13	Fever	10	uncheck

18	18	Atharv Trivedi	31	2109876543	2023-11-14	Cold	10	unchecked
19	19	Zara Rao	28	1098765432	2023-11-15	Cough	10	unchecked
20	20	Ishaan Reddy	32	1987654321	2023-11-16	nose infection	10	unchecked
21	21	Mehak Khanna	24	9876543210	2023-11-17	Fever	9	checked
22	22	Vivaan Malhotra	30	8765432109	2023-11-18	Cough	9	unchecked
23	23	Avni Nair	29	7654321098	2023-11-19	Headache	9	unchecked
24	24	Annav Singhania	33	6543210987	2023-11-20	Cold	9	unchecked
25	25	Ananya Bhat	26	5432109876	2023-11-21	nose infection	9	unchecked
26	26	Kabir Bhandari	31	4321098765	2023-11-22	Cough	8	checked
27	27	Neha Rastogi	28	3210987654	2023-11-23	Headache	8	unchecked
28	28	Kavya Rajput	23	2109876543	2023-11-24	Fever	8	unchecked
29	29	Samar Gupta	27	1098765432	2023-11-25	Cold	8	unchecked
30	30	Aadya Agarwal	25	1987654321	2023-11-26	nose infection	8	unchecked
31	31	Reyansh Joshi	33	9876543210	2023-11-27	Fracture	6	checked
32	32	Kaira Chatterjee	30	8765432109	2023-11-28	Sprain	6	unchecked
33	33	Arjun Kapoor	27	7654321098	2023-11-29	Muscle strain	6	unchecked
34	34	Sanvi Reddy	33	6543210987	2023-11-30	Back pain	6	unchecked
35	35	Advik Iyer	29	5432109876	2023-12-01	Knee pain	6	unchecked
36	36	Rahul Khanna	30	1234567890	2023-12-02	General checkup	5	checked
37	37	Meera Desai	28	9876543210	2023-12-03	Headache	5	unchecked

38	38	Aryan Patel	33	8765432109	2023-12-04	Stomach ache	5	unchecked
39	39	Sanvi Sharma	27	7654321098	2023-12-06	Migraine	4	checked
40	40	Aaditya Goyal	32	6543210987	2023-12-07	Allergy	4	unchecked
41	41	Ishaan Choudhury	29	5432109876	2023-12-08	Fever	4	unchecked
42	42	Riya Iyer	26	4321098765	2023-12-09	Anxiety	3	checked
43	43	Shaurya Bhat	23	3210987654	2023-12-10	Depression	3	unchecked
44	44	Ananya Chakraborty	31	2109876543	2023-12-11	Bipolar Disorder	3	unchecked
45	45	Aashi Sen	28	1098765432	2023-12-12	Skin Allergy	2	checked
46	46	Sahil Malhotra	25	1987654321	2023-12-13	Eczema	2	unchecked
47	47	Khushi Kapoor	33	9876543210	2023-12-14	Psoriasis	2	unchecked
48	48	Rohan Sharma	30	8765432109	2023-12-15	Pregnancy check-up	1	checked
49	49	Aadhya Reddy	27	7654321098	2023-12-16	Infertility consultation	1	unchecked
50	50	Veer Singhania	33	6543210987	2023-12-17	Gynaecological exams	1	unchecked

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Doctor :



Doctor Login

ID

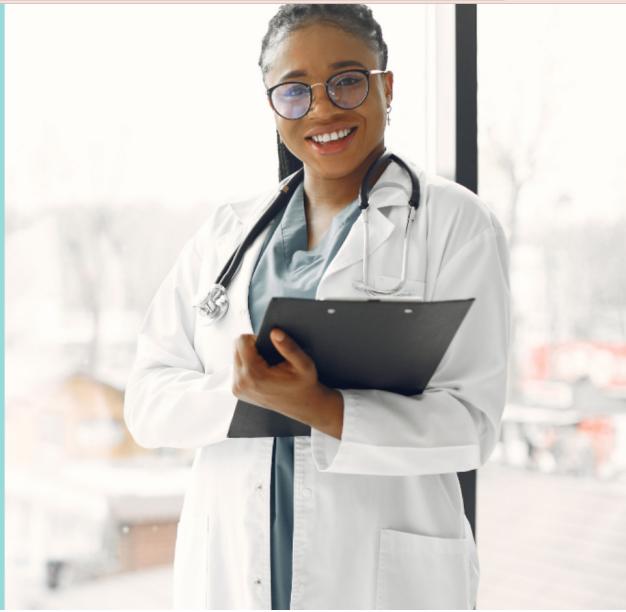
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Password

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Login

Go to Home



DOCTOR

Aryan Bund



Qualification

MD-Neurology



Contact

7845126400

Logout

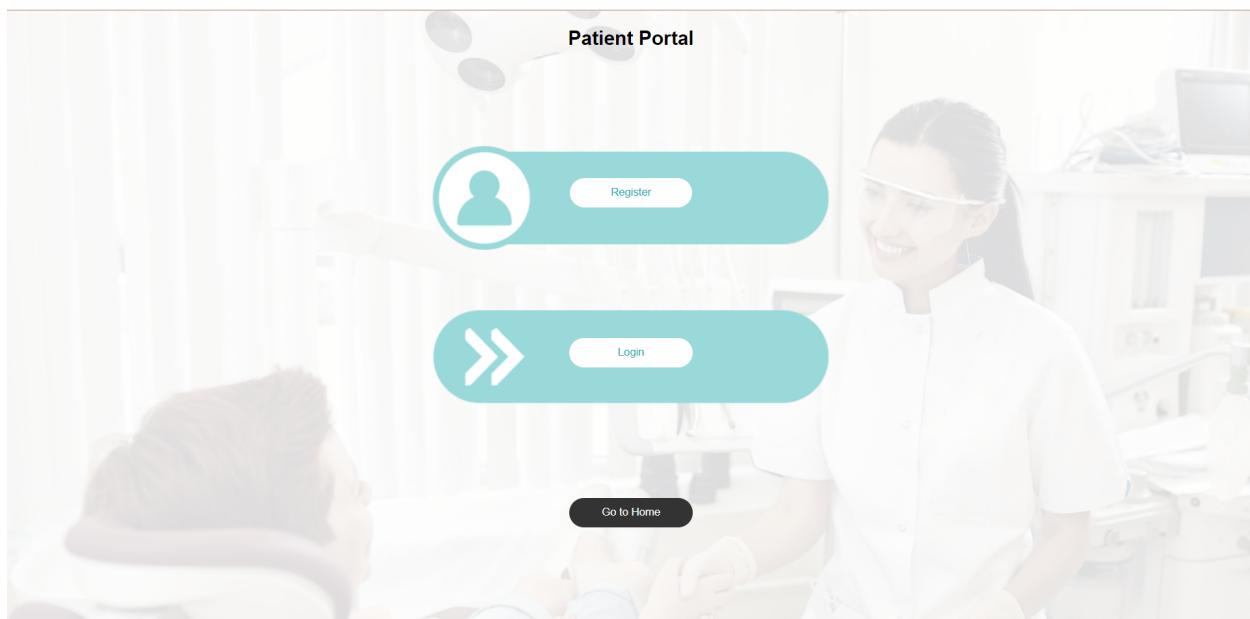
View Appointments

Patients Information

ApptID	PatID	Name	Status
2	2	Sneha	check
8	8	Manasi Deshmukh	check
9	9	Akstata Shirbhate	check
39	39	Sanvi Sharma	check
40	40	Aaditya Goyal	Unchecked
41	41	Ishaan Choudhury	Unchecked

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User/Patient :



A screenshot of a web application showing a patient registration form. The background features a faint watermark of a stethoscope and medical fields like 'Last Name:', 'SSN:', 'Date of Birth:', 'Home Phone #:', 'Cell Phone #:', 'Referring Doctor:', and 'Primary Care Doctor:'.

Patient Registration

Name:

Age:

Phone Number:

Password:

localhost:8080 says
Registration Successful!

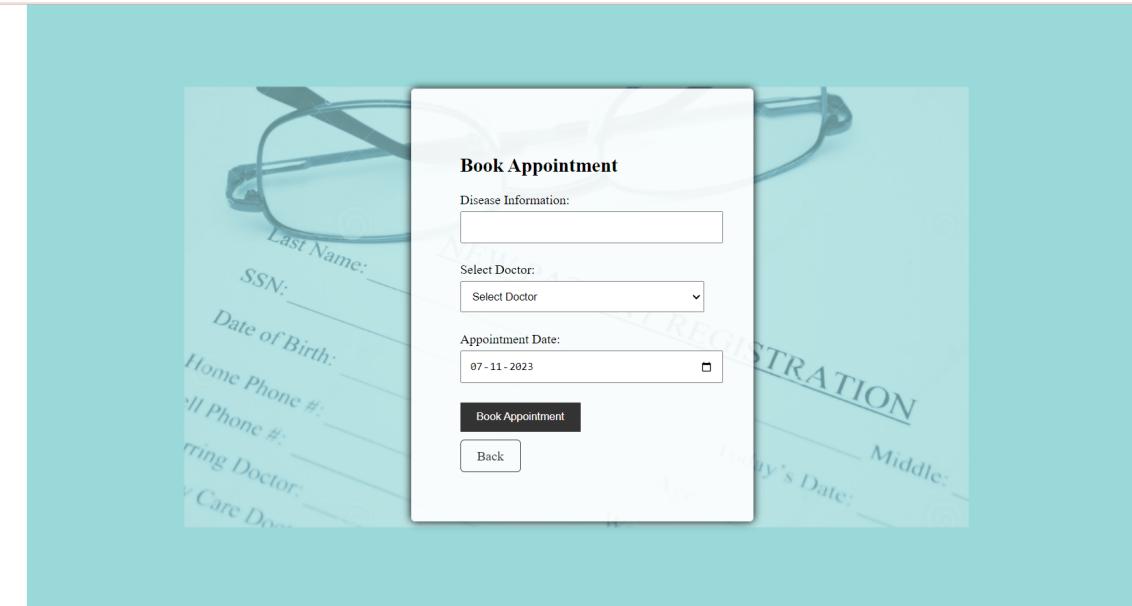
Patient Login

Phone Number:

Password:

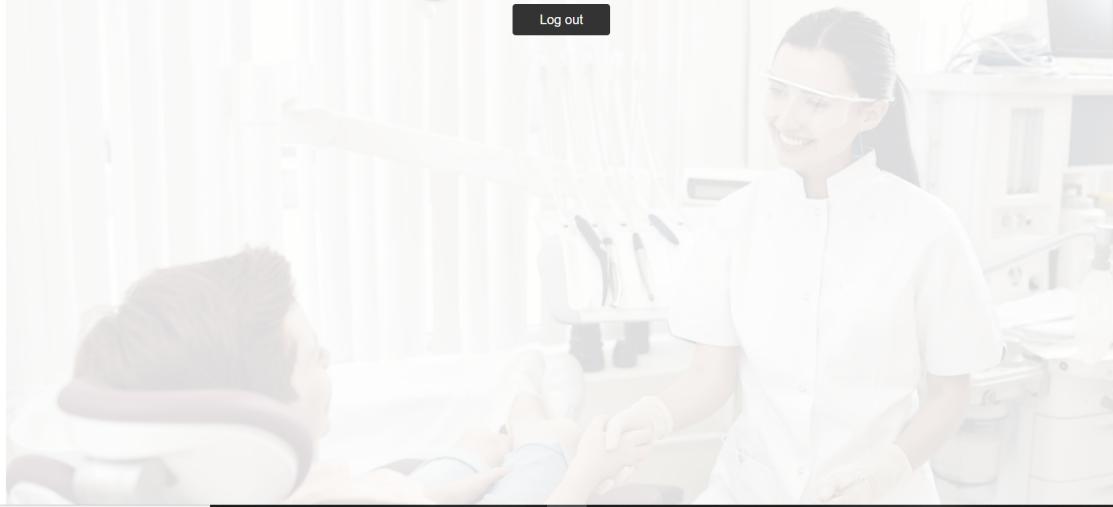


User Info	
User ID:	22
User Name:	Vivaan Malhotra
User Age:	30
User Phone Number:	8765432109



ID	ID	Name	Phone no.	Doctor ID	Date	Disease Info	Status
22	22	Vivaan Malhotra	8765432109	9	2023-11-18	Cough	uncheck

Log out



Database:

Doctor Table:

```
mysql> select * from doctor;
+----+-----+-----+-----+-----+
| id | name           | qualification | phoneNo | password |
+----+-----+-----+-----+-----+
| 1  | Vaishnavi Rohokale | MD Gynaec      | 7894561327 | 123
| 2  | Niharika Patil   | MD-Dermatology | 7845126398 | 123
| 3  | Arnav Muley     | MD-Psychiatry  | 7845126399 | 124
| 4  | Aryan Bund       | MD-Neurology   | 7845126400 | 125
| 5  | Aaditya More    | MD-Anesthesiology | 7845126401 | 126
| 6  | Devesh Bajaj    | MD-Orthopedics | 7845126402 | 127
| 8  | Sahil Rathi     | MD-Oncology    | 7845126403 | 128
| 9  | Ruturaj Patil   | MD-Ophtalmology | 7845126404 | 129
| 10 | Pradnya Patil   | MD-Gastroenterology | 7845126405 | 130
| 11 | Ankita Patil   | MD-ENT          | 7536941256 | 131
+----+-----+-----+-----+-----+
10 rows in set (0.00 sec)
```

Patient table:

```
mysql> select * from patients;
```

id name age phoneNo password
1 Aditi 20 8995678451 1001
2 Sneha 20 896385263 1002
3 Aarush 20 7412589635 1003
4 Prajakta 22 7415236985 1004
5 Shruti Pawar 80 8529637415 1005
6 Mahima Patil 34 7894561235 1006
7 Isha Lanke 20 9021320108 1007
8 Manasi Deshmukh 35 8596423658 1008
9 Akstata Shirbhate 40 7596324156 1009
10 Aarav Patel 25 1234567890 1010
11 Vihaan Shah 30 9876543210 1011
12 Diya Kumar 22 8765432109 1012
13 Ishita Singh 27 7654321098 1013
14 Aarush Mishra 33 6543210987 1014
15 Saisha Gupta 29 5432109876 1015
16 Shaurya Verma 26 4321098765 1016
17 Riya Joshi 23 3210987654 1017
18 Atharv Trivedi 31 2109876543 1018
19 Zara Rao 28 1098765432 1019
20 Ishaan Reddy 32 1987654321 1020
21 Mehak Khanna 24 9876543210 1021
22 Vivaan Malhotra 30 8765432109 1022
23 Avni Nair 29 7654321098 1023
24 Arnav Singhania 33 6543210987 1024
25 Ananya Bhat 26 5432109876 1025
26 Kabir Bhandari 31 4321098765 1026
27 Neha Rastogi 28 3210987654 1027
28 Kavya Rajput 23 2109876543 1028
29 Samar Gupta 27 1098765432 1029
30 Aadya Agarwal 25 1987654321 1030
31 Reyansh Joshi 33 9876543210 1031
32 Kaira Chatterjee 30 8765432109 1032
33 Arjun Kapoor 27 7654321098 1033
34 Sanvi Reddy 33 6543210987 1034
35 Advik Iyer 29 5432109876 1035
36 Rahul Khanna 30 1234567890 1036
37 Meera Desai 28 9876543210 1037
38 Aryan Patel 33 8765432109 1038
39 Sanvi Sharma 27 7654321098 1039
40 Aaditya Goyal 32 6543210987 1040
41 Ishaan Choudhury 29 5432109876 1041
42 Riya Iyer 26 4321098765 1042

43	Shaurya Bhat	23	3210987654	1043
44	Ananya Chakraborty	31	2109876543	1044
45	Aashi Sen	28	1098765432	1045
46	Sahil Malhotra	25	1987654321	1046
47	Khushi Kapoor	33	9876543210	1047
48	Rohan Sharma	30	8765432109	1048
49	Aadhya Reddy	27	7654321098	1049
50	Veer Singhania	33	6543210987	1050

50 rows in set (0.00 sec)

Appointment table:

aid	pid	pname	age	phone	did	apptDate	disease	status
1	4	Prajakta	22	7415236985	2	0011-05-16	skin infection	uncheck
2	2	Sneha	20	896385263	4	0013-05-15	Migraine	check
3	4	Prajakta	22	7415236985	9	0013-05-15	eye infection	check
4	2	Sneha	20	896385263	9	0012-05-15	regular checkup	check
5	5	Shruti Pawar	80	8529637415	3	0016-05-15	depression	check
6	6	Mahima Patil	34	7894561235	9	0021-05-15	eye infection	uncheck
7	7	Isha Lanke	20	9021320108	9	0014-05-16	eye infection	uncheck
8	8	Manasi Deshmukh	35	8596423658	4	0019-05-16	cocussion	check
9	9	Akstata Shirbhate	40	7596324156	4	0020-05-15	Vertigo	check
10	10	Aarav Patel	25	1234567890	11	2023-11-06	nose infection	uncheck
11	11	Vihaan Shah	30	9876543210	11	2023-11-07	Fever	uncheck
12	12	Diya Kumar	22	8765432109	11	2023-11-08	Headache	uncheck
13	13	Ishita Singh	27	7654321098	11	2023-11-09	Cold	uncheck
14	14	Aarush Mishra	33	6543210987	11	2023-11-10	Cough	uncheck
15	15	Saisha Gupta	29	5432109876	11	2023-11-11	nose infection	check
16	16	Shaurya Verma	26	4321098765	10	2023-11-12	Headache	check
17	17	Riya Joshi	23	3210987654	10	2023-11-13	Fever	uncheck
18	18	Atharv Trivedi	31	2109876543	10	2023-11-14	Cold	uncheck
19	19	Zara Rao	28	1098765432	10	2023-11-15	Cough	uncheck
20	20	Ishaan Reddy	32	1987654321	10	2023-11-16	nose infection	uncheck
21	21	Mehak Khanna	24	9876543210	9	2023-11-17	Fever	check
22	22	Vivaan Malhotra	30	8765432109	9	2023-11-18	Cough	uncheck
23	23	Avni Nair	29	7654321098	9	2023-11-19	Headache	uncheck
24	24	Arnav Singhania	33	6543210987	9	2023-11-20	Cold	uncheck
25	25	Ananya Bhat	26	5432109876	9	2023-11-21	nose infection	uncheck
26	26	Kabir Bhandari	31	4321098765	8	2023-11-22	Cough	check
27	27	Neha Rastogi	28	3210987654	8	2023-11-23	Headache	uncheck
28	28	Kavya Rajput	23	2109876543	8	2023-11-24	Fever	uncheck
29	29	Samar Gupta	27	1098765432	8	2023-11-25	Cold	uncheck
30	30	Aadya Agarwal	25	1987654321	8	2023-11-26	nose infection	uncheck
31	31	Reyansh Joshi	33	9876543210	6	2023-11-27	Fracture	check
32	32	Kaira Chatterjee	30	8765432109	6	2023-11-28	Sprain	uncheck
33	33	Arjun Kapoor	27	7654321098	6	2023-11-29	Muscle strain	uncheck
34	34	Sanvi Reddy	33	6543210987	6	2023-11-30	Back pain	uncheck
35	35	Advik Iyer	29	5432109876	6	2023-12-01	Knee pain	uncheck
36	36	Rahul Khanna	30	1234567890	5	2023-12-02	General checkup	check
37	37	Meera Desai	28	9876543210	5	2023-12-03	Headache	uncheck
38	38	Aryan Patel	33	8765432109	5	2023-12-04	Stomach ache	uncheck
39	39	Sanvi Sharma	27	7654321098	4	2023-12-06	Migraine	check
40	40	Aaditya Goyal	32	6543210987	4	2023-12-07	Allergy	uncheck
41	41	Ishaan Choudhury	29	5432109876	4	2023-12-08	Fever	uncheck
42	42	Riya Iyer	26	4321098765	3	2023-12-09	Anxiety	uncheck
43	43	Shaurya Bhat	23	3210987654	3	2023-12-10	Depression	uncheck
44	44	Ananya Chakraborty	31	2109876543	3	2023-12-11	Bipolar Disorder	uncheck

45	45	Aashi Sen	28	1098765432	2	2023-12-12	Skin Allergy	unchecked
46	46	Sahil Malhotra	25	1987654321	2	2023-12-13	Eczema	unchecked
47	47	Khushi Kapoor	33	9876543210	2	2023-12-14	Psoriasis	unchecked
48	48	Rohan Sharma	30	8765432109	1	2023-12-15	Pregnancy check-up	unchecked
49	49	Aadhya Reddy	27	7654321098	1	2023-12-16	Infertility consultation	unchecked
50	50	Veer Singhania	33	6543210987	1	2023-12-17	Gynaecological exams	unchecked

50 rows in set (0.00 sec)