

[README.md](#)

Best Doctors & Hospitals Tracker

Jeevan Naksha 2021

By taking current situations into consideration, our team developed this site where users can have a direct communication with the doctors or particular hospital

Viewers visiting this site can search for a doctor or a hospital of their choice very easily and even book an appointment with them saving their time instead of roaming around outside



- Best doctors and hospitals tracker is the name of the project we have built and the name of the website is [JEEVAN NAKSHA](#).
- In our website you can register in three ways :-
 - i. You can register as an User if you are a normal user/patient.
 - ii. You can register as a Doctor if you are a Doctor.
 - iii. You can register as a Hospital if you are a Hospital.
- In recent days, online mode is very common in every industry and many people or customers are willing to use the online mode to complete their work.
- It's been a hard time for some users who are searching for some best doctors or hospitals nearby them, so that they can save their effort of searching via offline mode.
- Our Website [JEEVAN NAKSHA](#) will provide the users this facility to search for the doctors or hospitals near by them.
- User can even have an **appointment** with a particular doctor they like from our website.
- Every section of our website will be explained in the following [Documentation](#).

Documentation

- [Project-Installation](#)
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Project-Installation

Project Environment

Following are the list of softwares required for the environment.

- Python 3 or more
- Django 3 or more
- psycopg package from python
- pillow package from python
- HTML5, CSS, Node.js Support
- Version control (Git, Github)
- Postgre sql server and PgAdmin

Installation

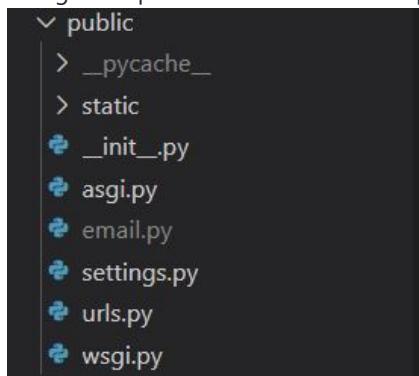
Step-1

Clone this repository [link](#) using this command in your terminal/command prompt.

```
git clone https://github.com/WAD-Team-Alpha/Hospital_Review_System.git
```

Step-2

Navigate to public folder and create a python file with name **email.py**.



Step-3

Inside the **email.py** file create the list of variables mentioned below and assign them accordingly.

- EMAIL_HOST_USER This variable is used to store the **email** of the website
- EMAIL_HOST_PASSWORD This variable is used to store the **password** for the email of the website
- EMAIL_HOST This variable is used to mention the type of host **In our case we use smtp.gmail.com**
- DEFAULT_FROM_EMAIL This variable stores the **default email** used by the website
- DB_PASSWORD This is the password of the database used in the **settings.py** file in public folder

Step-4

Before you run the project, make sure that you apply all the migrations to your database. If you are using postgre sql use the following command

```
python manage.py sqlmigrate (App_name) (migration_number)
```

Here `App_name` is the name of the app which has the migration with migration number `migration_number` **Note:** that you should use the above command only if you are using the sql based database as your backend otherthan `sqlLite3` which is *default* one. After you should migrate all the migrations using the following **command**.

```
python manage.py migrate
```

Step-5

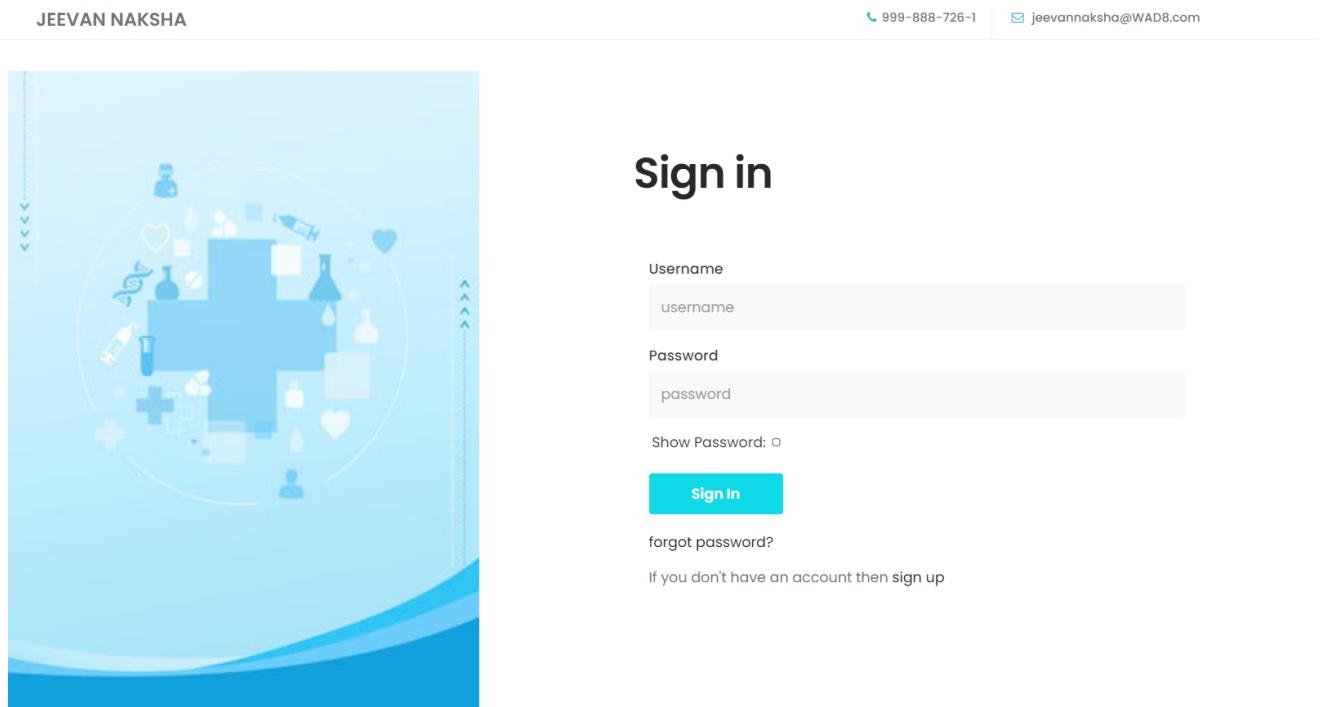
After applying all the migrations, now its time to run the website. Make sure that you have your environment ready with all the mentioned softwares installed. In your command prompt/terminal run this command to start the **django server**.

```
python manage.py runserver
```

Hence the **installation** and setup of the project is **done completely**.

Authentication

How can a person signin. Follow these steps to signin:



- Press `signin` button to get signed in.
- Enter valid user credentials of your account and press `sign in`. If you do not have an account, the create one by pressing on create one link. If you entered wrong credentials then you be redirected to `signin fail` page .
- On successfull login you will get back to index page . here the header is different for different kinds of user like `public` , `doctors` and `hospitals` . For doctors and hospitals they will get view profile button inplace of logout button.
- if user is an doctor or hospital manager then they get an `view profile` button.

Steps to get signed out

- For user to get signed out you need to press `signout` button in home page.
- Where as for doctors and hospitals you need to navigate to their profile page and then press on `signout` button to get signed out.

What happens when a person forgets their password . Here is the process for it.



The screenshot shows a sign-in page with a blue medical-themed background featuring icons like a stethoscope, syringes, and pills. At the top right, there are links for '999-888-726-1' and 'jeevannaksha@WAD8.com'. The main heading is 'Sign in'. Below it are fields for 'Username' (containing 'surgicalManiac179') and 'Password' (containing 'password'). There is a 'Show Password' checkbox, a 'Sign In' button, a 'forgot password?' link, and a 'If you don't have an account then sign up' link.

- In the above screenshot we can see a `forgot password?` section. Clicking on that will redirect you to a page where we will ask your `email` which is linked with your **account**.
- Then after entering your mail, a `password reset` **link** will be sent to your `mail` Click on that link.
- After clicking on that link, Set your `new password` and click `reset` button.
- There you go. You have sucessfully **resetted your password**.
- Here is a small demonstration of the process.

Registration

A person can register in our website as follows

- If the person is a user or a patient, he can register using `User Registration` form
- If the person is a doctor, he can register using `Doctor Registration` form
- If the person has a hospital, he can register using `Hospital Registration` form

Navigating to Signup page

- The page looks something **like this**

The screenshot shows a web browser window for the 'JEEVAN NAKSHA' website at 127.0.0.1:8000/accounts/signup. The title bar includes the site name and a phone number (999-888-726-1) and email address (jeevannaksha@WAD8.com). The main content area displays three registration options:

- User**: Represented by a person icon. Below it says "Visited as a User" and has a "Sign up" button.
- Doctor**: Represented by a doctor icon. Below it says "I am a Doctor" and has a "Sign up" button.
- Hospital**: Represented by a hospital building icon. Below it says "I own a Hospital" and has a "Sign up" button.

Contact Info

Latest News

Opening Hours

- Below is a small **Illustration** of how to navigate to signup page
- You can register in any three of them depending on your profession

How to register in the website as a user

Below are the steps for registering as a User :

- From Main page, go to **SignIn** page.
- For Registering as a new User click **SignUp** below forgot password.
- In signup page, click **Signup as a user**.
- After clicking **SignUp** as a User, you will get a **Registration form** as shown below.



User Registration

First Name <input type="text" value="First Name"/>	Last Name <input type="text" value="Last Name"/>
Email <input type="text" value="Your Email"/>	Date of Birth <input type="text" value="dd-mm-yyyy"/> <input type="button" value="Calendar"/>
Username <input type="text" value="Username"/>	
Password <input type="password"/>	
Confirm Password <input type="password"/>	
Show Password: <input type="checkbox"/>	

- In User Registration Form, Fill all the details asked in the form and make sure the requirements are fulfilled like in Password it should contain a Capital letter and some special characters.
- After filling all details required in the form click on Register Button .
- After registering successfully, you will redirect to the main page with a message showing **Activate your account after clicking the link sent to your mail.**
- Now, go to your registered mail and you can find a mail from jeevannakshawad with a **activation link** for your account.
- Click on that link, now you are successfully registered as a User and you will be redirected to the main page with the message **Account Activated Successfully.**

Now you're successfully registered as a User.

Below are the some of errors you can encounter when you register

- If Password and Confirm Password are not same it will show **Passwords dont match** error. So make sure you enter the both passwords correctly.
- If any user registered with the same username before you register, it shows **UserName Already Exists**. So, Try with a different username.
- If any user registered with the same email before you register or if you're registering 2nd time with the same email, it shows **Email already Exists** error. So, make sure you enter your email correctly.

How to register in the website as a Doctor

Below are the steps for registering as a Doctor :

- From Main page, go to SignIn page .
- For Registering as a new Doctor click Signup button situated below forgot password option.
- In signup page, click Signup as a Doctor .
- After clicking SignUp as a Doctor, you will get a Registration form as shown below.

Doctor Registration



First Name	Last Name
<input type="text" value="First Name"/>	<input type="text" value="Last Name"/>
Email	Username
<input type="text" value="Your Email"/>	<input type="text" value="Username"/>
Date of Birth	Profile Photo
<input type="text" value="dd-mm-yyyy"/> <input type="button" value=""/>	<input type="button" value="Choose File"/> No file chosen
Password	
<input type="password"/>	
Confirm Password	
<input type="password"/>	
Show Password: <input type="checkbox"/>	
Mobile Number	
<input type="text" value="Not available"/>	
Certificates for proof	

- In Doctor Registration Form, Fill all the details asked in the form and make sure the requirements are fulfilled like in Password it should contain a Capital letter, a small letter and some special characters and a minimum length of 8 characters .
- After filling all details required in the form click on Register Button .
- After registering successfully, you will redirect to the main page with a message showing **Activate your account after clicking the link sent to your mail.**
- Now, go to your registered mail and you can find a mail from `jeevannakshawad` with a activation link for your account.
- Click on that link, now you are succesfully registered as a Doctor and you will be redirected to the main page with the message **Account Activated Succesfully.**

Now you're succesfully registered as a Doctor.

Below are the some of errors you can encounter when you register

- If Password and Confirm Password are not same it will show `Passwords dont match` error. So make sure you enter the both passwords correctly.
- If any user registered with the same username before you register, it shows `User Name Already Exists` . So, Try with a different username.
- If any user registered with the same email before you register or if you're registering 2nd time with the same email, it shows `Email already Exists` error. So, make sure you enter your email correctly.

How to register in the website as a Hospital

It is hospital registration form ,hospital will register here

- From Main page, go to SignIn page.
- For Registering as a new Hospitals click SignUp button situated below forgot password option.
- In signup page, click Signup as a Hospitals.
- After clicking SignUp as a hospital, you will get a Registration form as shown below.

The screenshot shows a registration form titled "Hospital Registration". On the left, there is a placeholder image of a doctor wearing a white coat and glasses. To the right of the image is a form with the following fields:

- Hospital Name: A text input field with the placeholder "Hospital Name".
- Hospital Registration Number: A text input field with the placeholder "Hospital Registration Number".
- Hospital License (.pdf): A file upload input field with the placeholder "Choose file" and "No file chosen".
- Photo of Hospital: A file upload input field with the placeholder "Choose file" and "No file chosen".
- Email: A text input field with the placeholder "Enter Email".

- In hospital Registration Form, Fill all the details asked in the form and make sure the requirements are fulfilled like in Password it should contain a Capital letter, a small letter and some special characters and a minimum length of 8 characters.
- After filling all details required in the form click on Register Button.
- After registering successfully, you will redirect to the main page with a message showing Activate your account after clicking the link sent to your mail.

It is demo how to register here

- After registering successfully, you will redirect to the main page with a message showing Activate your account after clicking the link sent to your mail.
- Click on that link, now you are successfully registered as a Doctor and you will be redirected to the main page with the message Account Activated Successfully.

Search-Doctors

You can Search by the following details of the doctors :

- First Name of the doctor
- Last Name of the doctor
- Specialization of the doctor
- City where the doctor works
- State where the doctor works
- Pincode of the place where the doctor works

STAY HOME STAY SAFE

[Home](#) [About Us](#) [Doctors](#) [Hospitals](#) [Contact](#)[Make an appointment](#)

Search for a doctor

First Name	Last Name
<input type="text" value="First Name"/>	<input type="text" value="Last Name"/>
Specialization	
<input type="text" value="General Health"/> ▼	
City	
<input type="text" value="City"/>	
Enter Pincode	Select State
<input type="text" value="Pincode"/>	<input type="text" value="Andhra Pradesh"/> ▼
Search	



- It is not necessary to know all the details listed above to search a Doctor .
- You can search for a **doctor/doctors** by their **first name** or by their **last name** or **City** in which the doctor works.
- You can also search for **doctor/doctors** through the **Pincode** of a place where the doctor works.
- You can also see list of **Doctors** working in a particular state by selecting that **state** .
- You can also see list of **Doctors** working in all **States** by selecting All option in search bar.
- You can also search for a doctor by their **Specialization** .
- After entering details in the **doctor search bar** click on **Search Button** which will redirect you to **Doctor Search Results page**.
- If there are doctors found, you can see a list of with some information like Doctors Name,Department,Works at and Pincode and Ratings of the **doctor**.
- If no doctors Found, then it shows **No Doctors Found**.

You can also view the Doctor Profile by clicking **View Profile** Button.

Search-Hospitals

Search for a hospital

Hospital Name	Hospital Reg. No.
<input type="text" value="Hospital Name"/>	<input type="text" value="Reg. No."/>
Town/Village	City
<input type="text" value="Town/Village"/>	<input type="text" value="City"/>
Enter Pincode	Select State
<input type="text" value="Pincode"/>	<input type="text" value="All"/> ▼
Search	



This feature helps the user to search for hospital using some filters.

The filters available to search are:-

- Hospital name
- Hospital registration number
- Town/village for area
- City
- Pincode
- State

Search results

After pressing the search button, you will be directed to the search results page.

In this page you can see the cards of the hospitals based on filters applied. The information given on cards is as follows:-

- Profile photo of hospital to the left most
- Ratings to the rightmost
- Location
- Pincode
- Chief medical officer
- Phone number
- Email

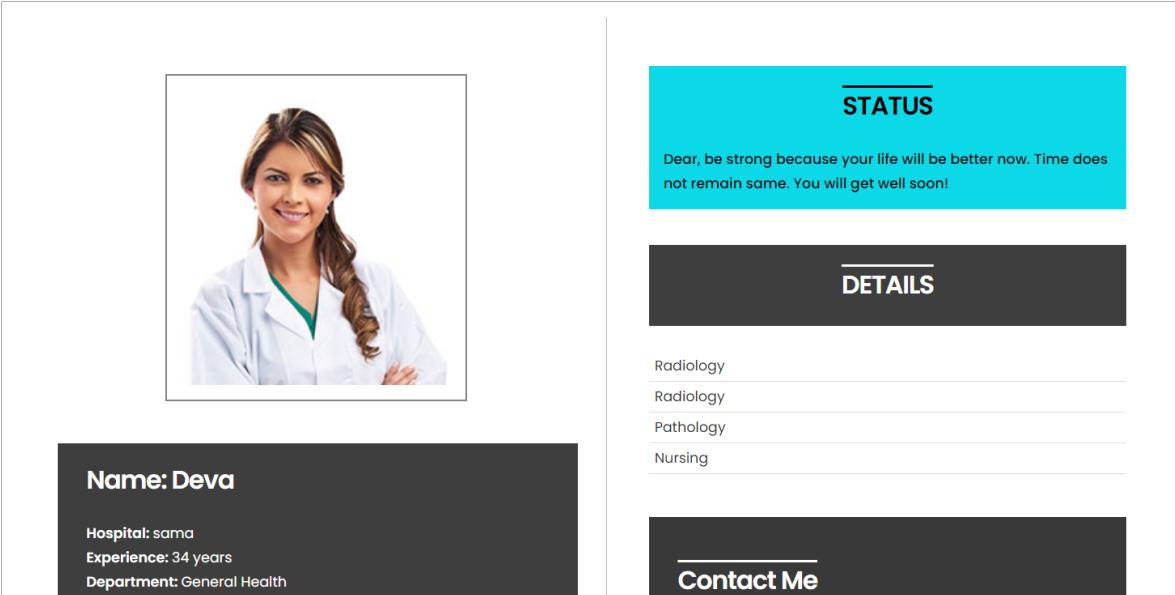
You can also view the hospital profile by clicking 'view profile' button

View-Profiles

Doctors-Profile

It is doctor profile , doctor can view profile and other how register in website they can view doctor profile using search bar

- From Main page, go to view profile.
- See all doctor detail



A doctor profile card featuring a portrait of a female doctor in a white coat. The card includes sections for 'STATUS' (with a message: 'Dear, be strong because your life will be better now. Time does not remain same. You will get well soon!'), 'DETAILS' (listing Radiology, Radiology, Pathology, and Nursing), and a 'Contact Me' button.

Name: Deva

Hospital: sama
Experience: 34 years
Department: General Health
Education: MBBS MRCOG

- Doctor name ,hospital to belong
- Specialisation , Exprience
- Time of meet the patient

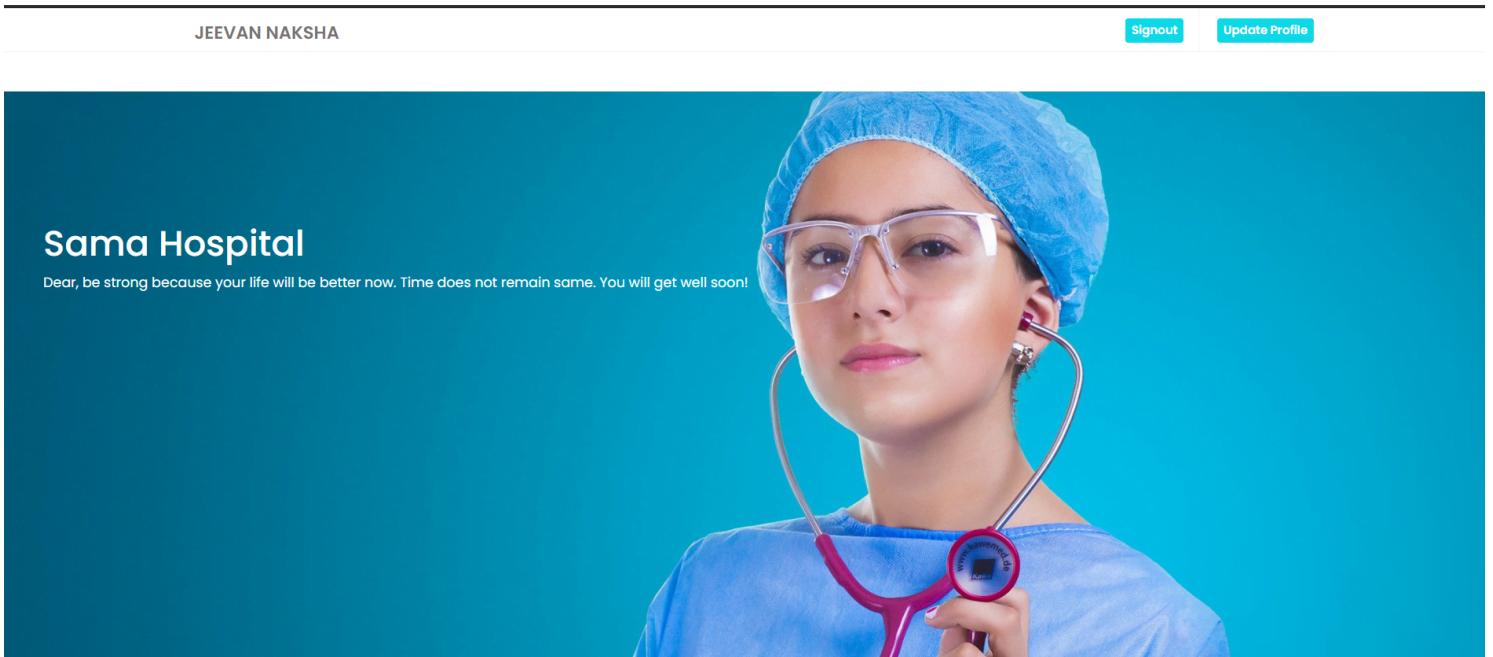
It is doctor profile demo

- According to rating and review we can judge the service

Hospitals-Profile

It is Hospitals profile , Hospitals can view profile and other how register in website they can view Hospitals profile using search bar

- From Main page, go to view profile.
- See all Hospital detail



The landing page for Sama Hospital features a large image of a female doctor wearing a blue surgical cap and glasses, holding a stethoscope. The text 'Sama Hospital' is displayed prominently, along with a message: 'Dear, be strong because your life will be better now. Time does not remain same. You will get well soon!'. Navigation links include 'JEEVAN NAKSHA', 'signout', and 'Update Profile'.

- Hospital name , Facility in hospital
- Doctor team, chief of doctor
- Update profile like hospital name, doctor team

It is Hospitals profile demo

- According to rating and review we can judge the service

Update-Profiles

hospital and Doctor can update their profile

- From profile page, go to update button.
- Check use is doctor then update his profile and if it is user they can not update
- Check use is Hospital then update his profile and if it is user they can not update

The screenshot displays a Windows desktop environment with a web browser open to a Django admin page for updating a doctor's profile. The browser window title is 'Jeevan Naksha'. The address bar shows the URL '127.0.0.1:8000/doctors/updateProf'. The main content of the page is a form titled 'Update your profile' with the following fields:

First Name	Last Name
maya	
Profile Photo	Mobile Number
<input type="button" value="Choose File"/> No file chosen	+91
Years of experience	Hospital Name
Years of experience	Hospital Name
Hospital registration number	City
Hospital Registration Number	City
State	Pincode
None	
Department	Status
None	Your description or status

- update Doctor and Hospital name
- update Profile photo
- update Specialisation , Experience

It is update Demo

- After update profile redirect in profile and get message to update profile

Reviews/Ratings

How to view reviews and ratings

- For viewing reviews and Ratings you need to scroll down in the profile page for a particular doctor/hospital. Press load more button to load more reviews.

The screenshot shows a web browser window with multiple tabs open. The active tab displays a doctor profile for 'JN Doctor Profile'. Below the profile picture, there is a section for 'Rating' showing a 5-star rating. Underneath, there is a 'Review' section with a user comment: 'the treatment I got from the doctor is so valuable .' posted 3 hours, 29 minutes ago. Below this, there are two more review sections from the same user, 'surya', with ratings of 5 stars and reviews like 'checking' and 'final check' posted 9 hours, 12 minutes ago and 9 hours, 32 minutes ago respectively. A 'Load more' button is visible at the bottom.

- You can also see `ratings summary` in the same page. Here you can see the details like number of reviews added and average rating and also you can observe count of each rating added.

The screenshot shows a web browser window with multiple tabs open. The active tab displays a hospital profile for 'JN Jeevan Naksha'. At the top, it shows a 5-star rating. Below this, a bar chart titled 'User Ratings' shows the distribution of reviews: 1 5-star review, 3 4-star reviews, 0 3-star reviews, 0 2-star reviews, and 0 1-star reviews. A section titled 'Reviews & Ratings' contains a form with a placeholder 'Please share your experience' and a rating scale from 1 to 5 stars. A 'Send' button is at the bottom of the form. The system status bar at the bottom right shows 7:13 AM and 5/7/2021.

How to add ratings an reviews

- In profile pages, you can add reviews and ratings in allotted slot, but you must get logged in before hand. otherwise page will shown like this.

4.3 average based on 3 reviews.

Rating	Count
5 star	1
4 star	2
3 star	0
2 star	0
1 star	0

Reviews & Ratings

Please get signed In before adding review..

[Signin](#)

Please share your experience

Rating: ★★★★☆

Send

localhost:8000/accounts/

- Another important thing is you must **signed with an user account** to add an review. After successful signin you can add review.

User Ratings ★★★★☆

4.3 average based on 3 reviews.

Rating	Count
5 star	1
4 star	2
3 star	0
2 star	0
1 star	0

Reviews & Ratings

Please share your experience

Rating: ★★★★☆

the treatment and facilities in the hospital is soo good!

Send

localhost:8000/accounts/

- After sucessfully adding review you can see your review in the reviews section (updates instantly).

The screenshot shows a web browser window with multiple tabs open, including 'Upload files - b...' and 'localhost:8000/hospitals/2'. The main content is a 'Reviews & Ratings' section. It features a form to 'Please share your experience' with a rating scale from 1 star to 3 star. Below it is a review by a user named 'surya' who rated it 5 stars. The review text is: 'the treatment and facilities in the hospital is sooo good.' The timestamp is '0 minutes ago'. At the bottom, there's a Windows taskbar with various icons and a battery level of 26%.

Make-Appointment



Make an appointment

Doctor's Username: Enter here

Date of Appointment: dd-mm-yyyy

Additional Message:

Message

Only a patient can have an appointment with a doctor

- Patient first needs to give the username of the doctor by viewing the `username` from the respective Doctor profile
- Then he must mention the `date of the appointment`
- And then mention the `message` required to convey his/her problem to the doctor
- Once the appointment is done, An email is sent to **both the respective doctor and the user** just for the confirmation.
- And then, the doctor will take up the converstaion with the user. This is the complete process of the appointment.

Contributers

				
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