

SUST MEDICAL CENTER

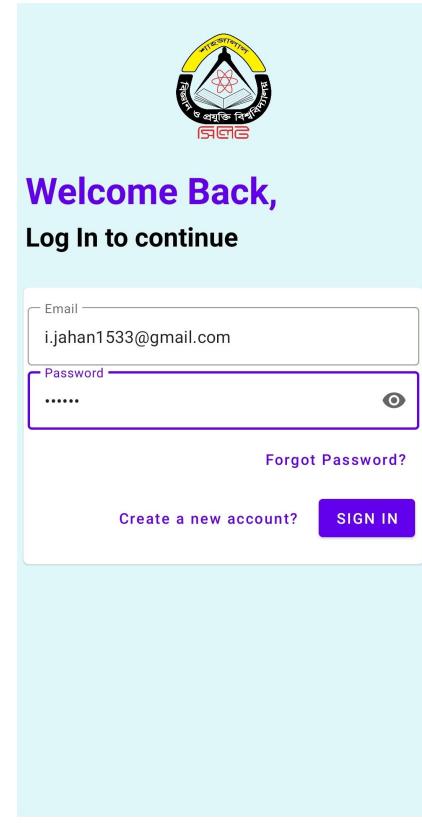
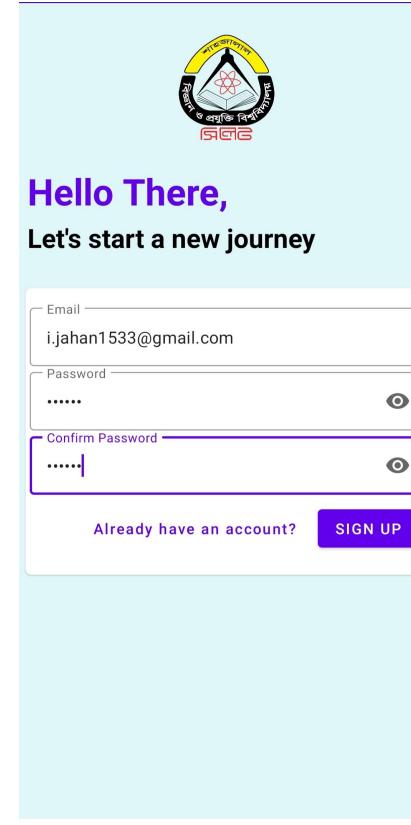
An android app for SUST students
aiming to make medical center facilities
easier to get with the help of technology

Sign Up & Sign In

This is Sign Up/Sign In activity.

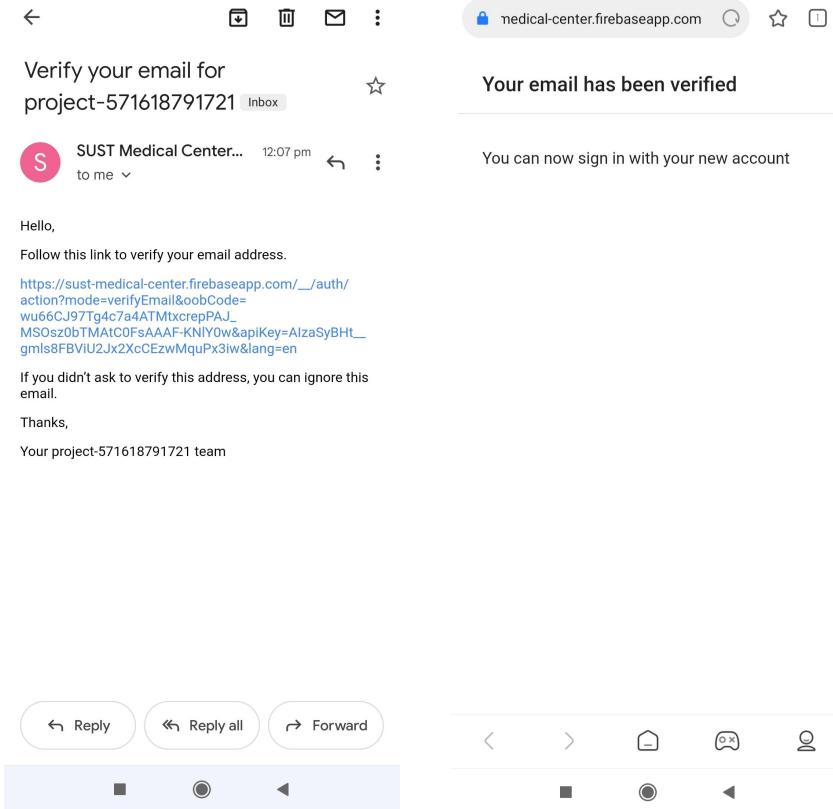
Sign Up is for new users and Sign In is for previous users who has already finished creating an Account.

Contributor(s): Ishrat Jahan, Amir Hamza



Email Verification

After Sign up, a Verification Email will
Be sent to User requested email
Account, clicking the link will assure
the verification process.



Contributor(s): Amir Hamza

Account Request

Students and doctors can request their account providing all the information then the moderator Will manage the process.

Contributor(s): Amir Hamza

Account Details

STUDENT DOCTOR



User Name: Ishrat Jahan

Registration No.: 2018331029

Department: CSE

Email: i.jahan1533@gmail.com

Phone No.: 01721021532

Blood Group: A+

SEND ACCOUNT REQUEST

You can log into your account after a moderator verifies your account details and accept your request



User Account Authentication

Moderator can view the Account request list and details of a User. If they accept, an account will be Created.

Contributor(s): Amir Hamza

The diagram illustrates the user account authentication process. On the left, a 'Account Requests' screen shows a list of pending accounts. An arrow points from the top item, 'Amir Hamza', to the right, where a detailed 'Student Account' profile for 'Amir Hamza' is shown. The account profile includes basic information like name, email, and contact number, along with a 'CSE' major, a student ID, and a blood group. At the bottom of the profile screen are 'DECLINE' and 'ACCEPT' buttons.

Account Requests

- Amir Hamza - Student (05/01/22)
- Peo - Student (21/12/2021)
- Dr.Iftey - Doctor (21/12/2021)
- Dr.Himel - Doctor (21/12/2021)
- Dr.Muhit - Doctor (21/12/2021)
- Dr.Niloy - Doctor (21/12/2021)

Student Account

Amir Hamza
amirhamza1133@gmail.com

CSE
2018331011
01625019530
0+
>>1
😢

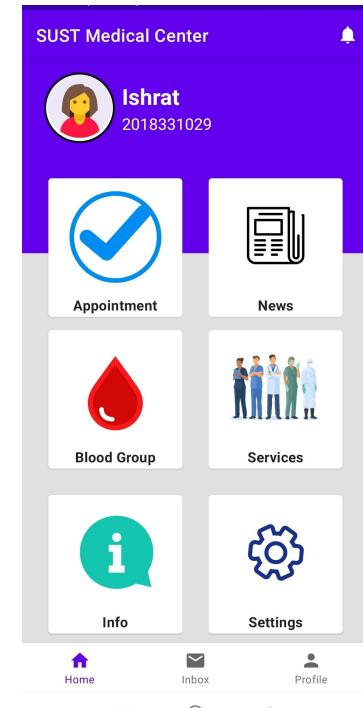
DECLINE ACCEPT

Main Interface

This is the app's main interface. This app will be serving three types of users: student, doctor, moderator/staff.

Depending on the user some features and functionalities may vary.

Contributor(s): Amir Hamza



Student Appointment Feature

This is Appointment Page for students. Here we can see due appointments which haven't been finished yet and past appointments where the checkup has been completed. There are "CHAT" and "PRESCRIPTION" button. Through chat button we can chat with the doctor and clicking the prescription button we can see the medicines that the doctor suggested. In the bottom right corner, there is a button. We can create new appointments by clicking it.

Contributor(s): Ishrat Jahan, Amir Hamza

The image displays two screenshots of a mobile application interface for student appointments. The left screenshot shows the 'DUE APPOINTMENTS' screen with a list of upcoming appointments. The right screenshot shows the 'Create New Appointment' screen with fields for title, description, choose a doctor, choose a date, pick a time, and a 'MAKE AN APPOINTMENT' button. A red arrow points from the 'CREATE NEW APPOINTMENT' button on the right to the '+' button at the bottom right of the 'DUE APPOINTMENTS' screen on the left, indicating they are the same function.

DUE APPOINTMENTS

- 06/01/2022 12:00 PM
Dr.Badhon cold
- 07/01/2022 12:30 PM
Dr.Iftey Lack of appetite suffering form lack of appetite
- 07/01/2022 2:00 PM
Dr.Iftey Weight gaining
- 06/01/2022 1:00 PM
Dr.Himel Gastric problem
- 06/01/2022 12:30 PM
Dr.Hamza Fever

CREATE NEW APPOINTMENT

Title: Fever

Description: Suffering from fever

Choose A Doctor: Dr.Hamza Anesthesiologist

Choose A Date:

Pick A Time: Appointment Date and Time: 06/01/2022 1:30 PM

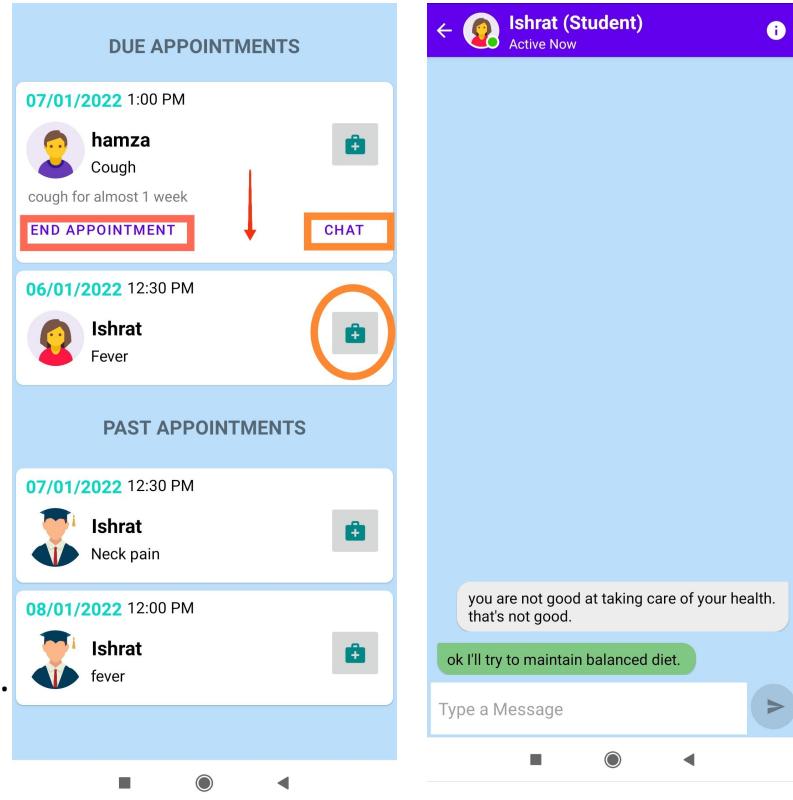
MAKE AN APPOINTMENT

Doctor's Appointment Feature

In the doctor's appointments, they can see the patients who made an appointment.

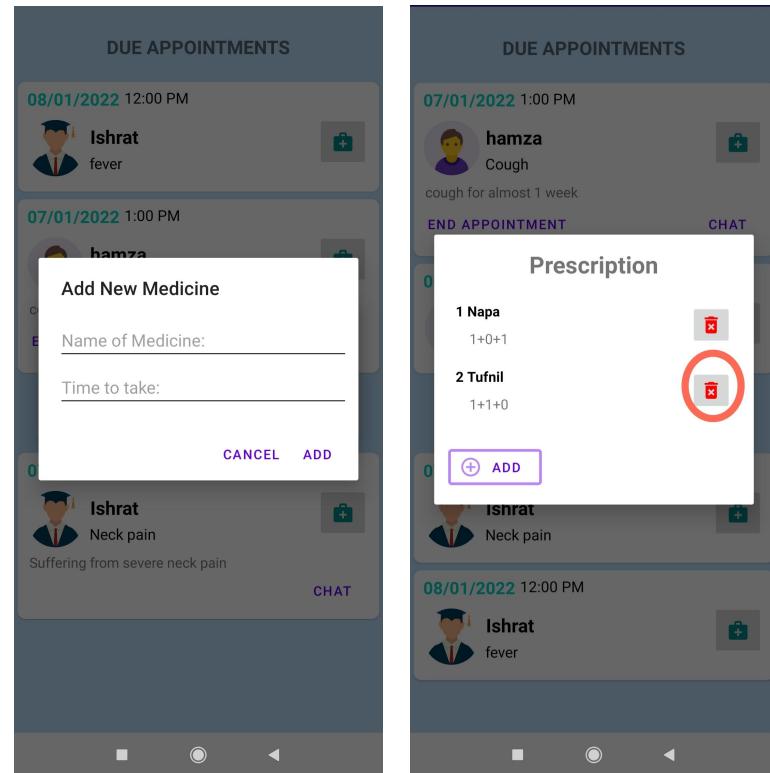
After completing checkup, they can press "End Appointment" button, and this appointment will be shown in the past appointments afterward. There's "CHAT" button, clicking on it will direct to the patient's inbox. In the right corner of each layout, there is a "Prescription" button. Clicking the button, the doctors can add prescription.

Contributor(s): Ishrat Jahan, Amir Hamza



Doctor's Appointment Feature

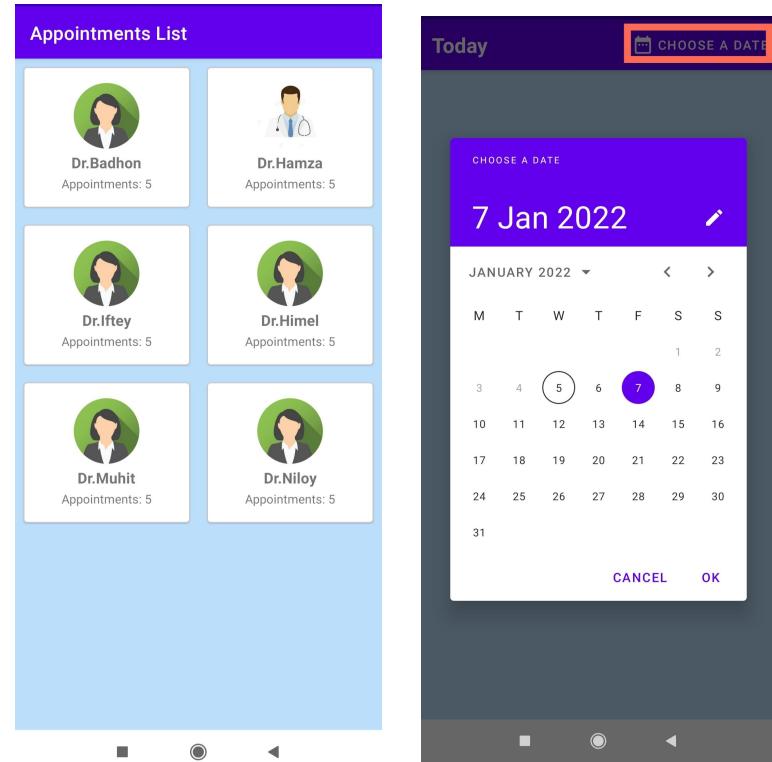
There's also "Delete" button in beside each medicines. By clicking it, that medicine's Info will be deleted.



Contributor(s): Ishrat Jahan

Moderator's Appointment Feature

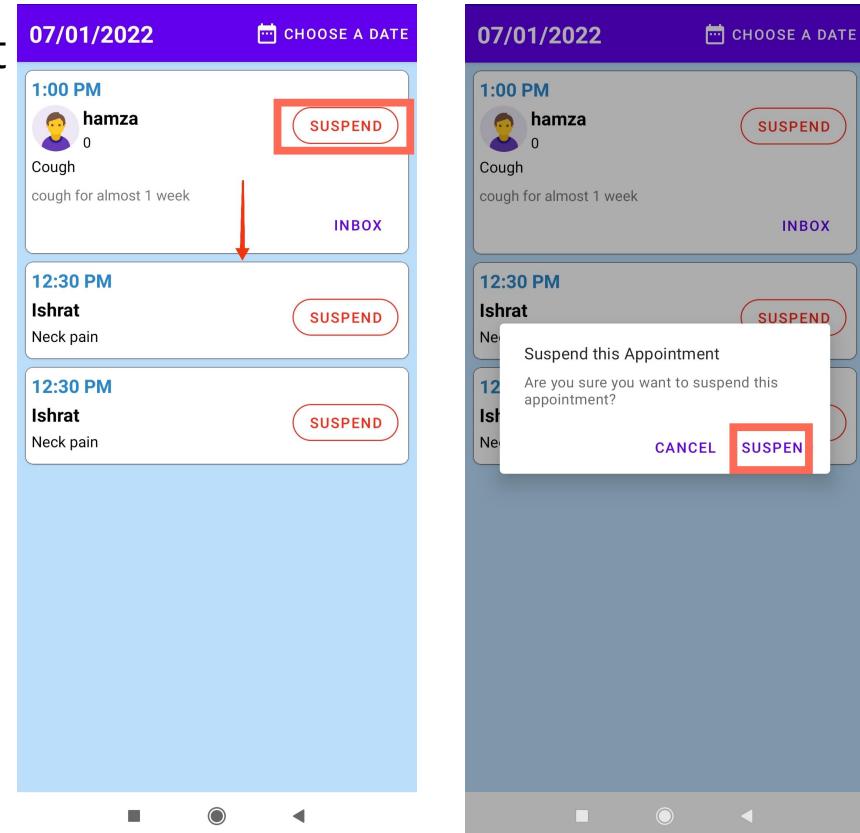
Moderator will see all the doctor's list and clicking any doctor name they can choose a date and see all the appointments the patients have made.



Contributor(s): Amir Hamza

Moderator's Appointment Feature

Moderator can suspend any appointment by clicking “SUSPEND” button.



Contributor(s): Amir Hamza

Profile Page

This is the User's Profile page.

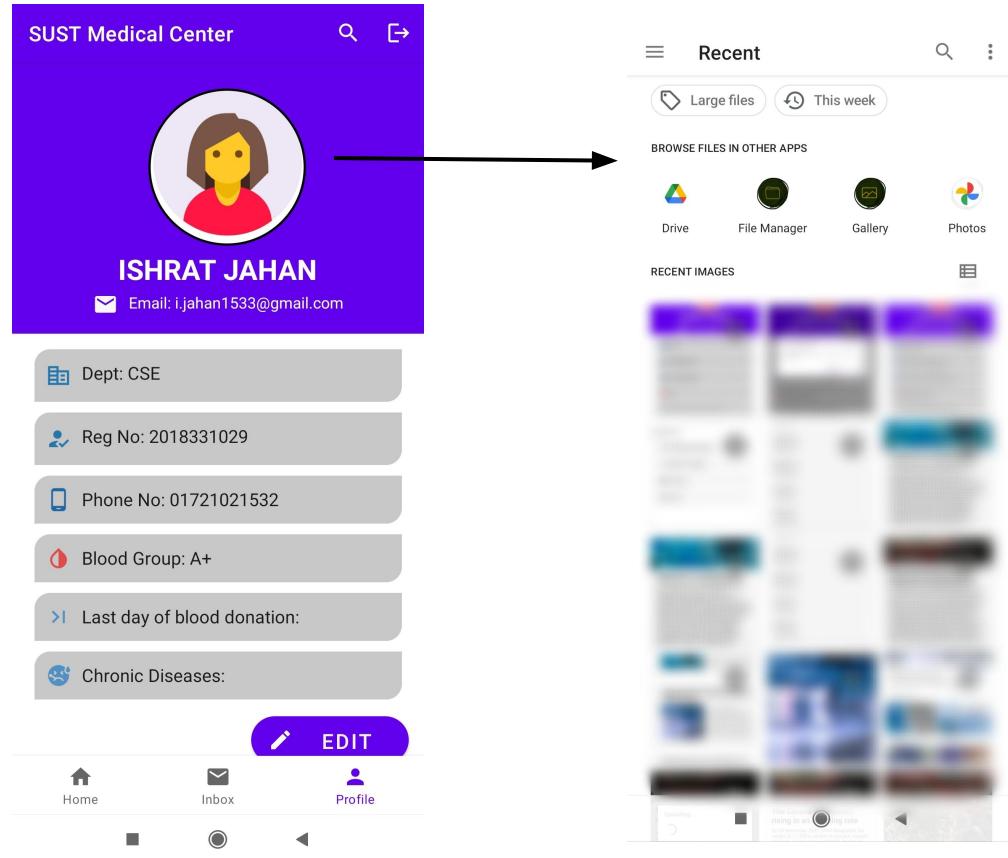
Clicking the "EDIT" button

User can edit their info & by

Clicking the image, they can

Change their Display Picture.

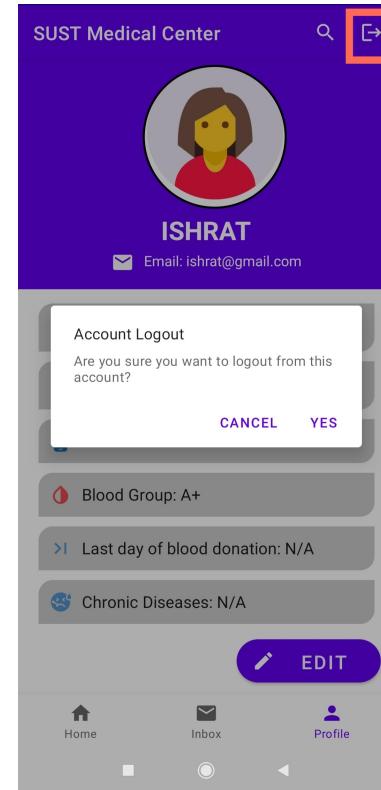
Contributor(s): Ishrat Jahan



Profile page

The top left corner button will direct us to Account Logout.

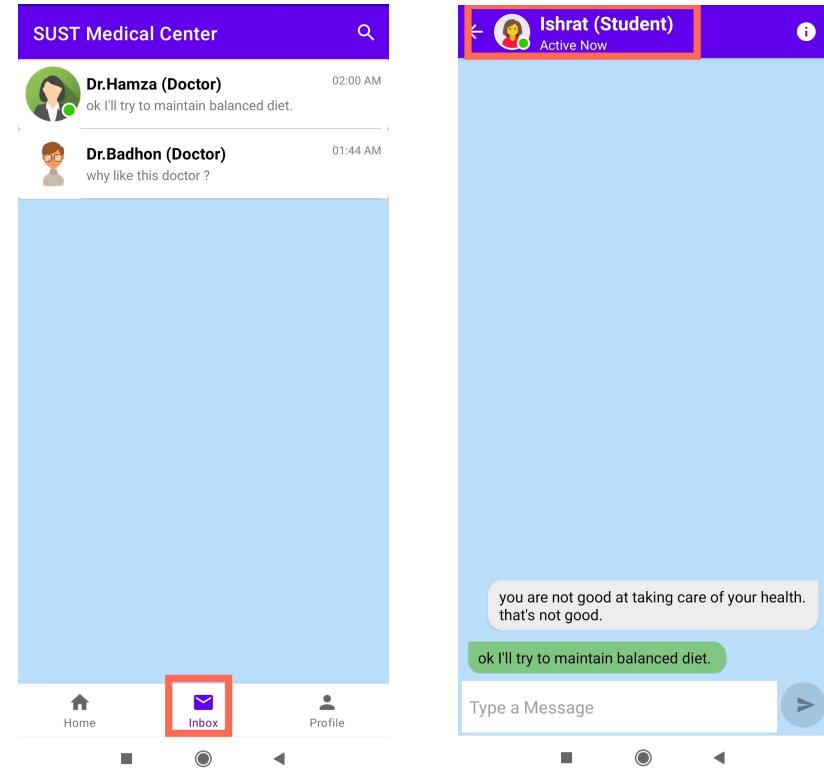
Contributor(s): Amir Hamza



Chatting Feature

Students can chat with Doctors and Moderators. Users can see the Active Status and when was the last time they were active.

Contributor(s): Amir Hamza



News Feature

All users can view Important News Regarding Health and Medical Services. In the bottom right corner, there's a button in Moderator module to create New News.

Contributor(s): Ishrat Jahan, Amir Hamza

← SUST Medical Center

Omicron is causing harm



On 26 November 2021, WHO designated the variant B.1.1.529 a variant of concern, named Omicron, on the advice of WHO's Technical Advisory Group on Virus Evolution (TAG-VE). This decision was based on the evidence presented to the TAG-VE that Omicron has several mutations that may have an impact on how it behaves, for example, on how easily it spreads or the severity of illness it causes. Here is a summary of what is currently known.

2nd dose Pfizer Vaccination going on medical center



On 26 November 2021, WHO designated the variant B.1.1.529 a variant of concern, named Omicron, on the advice of WHO's Technical Advisory Group on Virus Evolution (TAG-VE). This decision was based on the evidence presented to the TAG-VE that Omicron has several mutations that may have an impact on how it behaves, for example, on how easily it spreads or the severity of illness it causes. Here is a summary of what is currently known.

The Corona virus cases rising in an alarming rate



On 26 November 2021, WHO designated the variant B.1.1.529 a variant of concern, named Omicron, on the advice of WHO's Technical Advisory Group on Virus Evolution (TAG-VE). This decision was based on the evidence presented to the TAG-VE that Omicron has several mutations that may have an impact on how it behaves, for example, on how easily it spreads or the severity of illness it causes. Here is a summary of what is currently known.



Omicron is causing harm

On 26 November 2021, WHO designated the variant B.1.1.529 a variant of concern, named Omicron, on the advice of WHO's Technical Advisory Group on Virus Evolution (TAG-VE). This decision was based on the evidence presented to the TAG-VE that Omicron has several mutations that may have an impact on how it behaves, for example, on how easily it spreads or the severity of illness it causes. Here is a summary of what is currently known.

+

News Feature

Creating New News

← SUST Medical Center

Omicron is causing harm



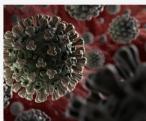
On 26 November 2021, WHO designated the variant B.1.1.529 a variant of concern, name Omicron, on the advice of WHO's Technical Advisory Committee.

2nd dose Pfizer Vaccination going on medical center



On 26 November 2021, WHO designated the variant B.1.1.529 a variant of concern, name Omicron, on the advice of WHO's Technical Advisory Committee.

The Corona virus cases rising in an alarming rate



On 26 November 2021, WHO designated the variant B.1.1.529 a variant of concern, name Omicron, on the advice of WHO's Technical Advisory Committee.



UPLOAD IMAGE

Headline:

Content:

POST



Blood Group Feature

In Blood group feature

We'll see all available blood

Groups and list of users having
that group. From the list, we can
directly call, clicking the Phone

No.

Contributor(s): Ishrat Jahan, Amir Hamza

The image displays two screenshots of a mobile application interface. The left screenshot shows a list of available blood groups: A+, A-, B+, B-, O+, O-, and AB+. The right screenshot shows a list of users with their blood group and contact information. A red box highlights the phone number for the first user, Ishrat.

SUST Medical Center

Available Blood Groups:

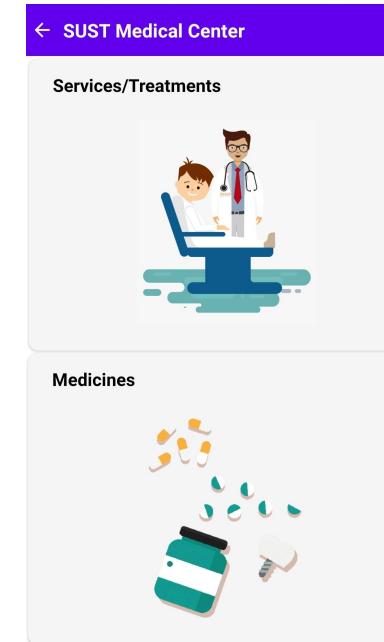
- A+
- A-
- B+
- B-
- O+
- O-
- AB+

SUST Medical Center

User	Blood Group	Contact Number	Last day of donation
Ishrat	O+	0189999078	7th dec
Peo	O+	0189799078	6th dec
Hamza	O+	0175999078	8th dec
Badhon	O+	0189769078	8th dec
Muhit	O+	0189769078	8th dec
Ifty	O+	0189769078	8th dec
Meno	O+		

Service Feature

This is the UI of service feature where users can find The services offered by SUST Medical Center & list of available Medicines.



Contributor(s): Ishrat Jahan

Service Feature

Services & Medicine List.

Contributor(s): Ishrat Jahan

← SUST Medical Center

Services/Treatments provided at the University Health Service Centre include:

1. Routine medical examinations and health checkups (blood pressure, RBS by glucometer etc.)
2. Treatment of illness, injury, and other physical problems.
3. Minor Surgical Procedures (drainage of abscess ,boil etc)
4. Minor Wound Management.
5. Sports Injury Management.
6. Travel Medicine and Advice.
7. Advice and assistance for students with examination difficulties.
8. Special arrangements for students with disabilities and sick students.
9. Referral to specialists ,imaging services, pathology, and physiotherapy according to need and condition of the patient
10. Organize blood grouping and donation

← SUST Medical Center

Tuflin 20 mg

Tolfenamic Acid

Rabe 20 mg

Omeprazol

Seclo 20 mg

Omeprazol

Napa 10 mg

Paracetamol

Ace 10 mg

Paracetamol

Tofen 5 mg

tofenamic bp

Zofen 5 mg

tofenamic bp

Zinc 5 mg

zinc



Info Feature

User can view all detailed info about SUST Medical Center, Doctors and Staffs .

Contributor(s): Ishrat Jahan



The screenshot shows a web browser window with the URL www.sust.edu/offices/otb. The page features the SUST logo at the top right. Below the logo, there are three navigation links: "Forms & Downloads", "ePayment", and "Admission". The main content area displays a photograph of a white van parked in front of a building with a sign that reads "MEDICAL CENTRE". To the right of the photo, a section titled "Welcome" contains text about the Health Service Centre at SUST, describing its services and operating hours.

www.sust.edu/offices/otb

≡



Forms & Downloads ePayment Admission



Welcome

The Health Service Centre, SUST located near the central auditorium just opposite to the basket ball ground , offers free experienced general practitioner and emergency medical care services to all members of the University community: students (undergraduate and post graduate), teachers ,staffs and their families in a user-friendly efficient environment. Students get medicine from the Centre at free of cost but they need to show their Medical card at all consultations and employees get medicine at minimum cost. The Centre provides service round the clock, seven days a week.

<    

■  ◀

Settings

This is Settings UI. By clicking “Email Us” user can directly send email to the medical center.

Contributor(s): Ishrat Jahan

The screenshot shows a mobile application's settings screen. At the top, there is a purple header bar with a back arrow icon and the text "SUST Medical Center". Below the header, the word "Account" is displayed. Under "Account", there are two buttons: "Change Password" (with a lock icon) and "Delete Account" (with a delete icon). A section titled "Preference" follows, containing five buttons: "change active status" (with a location pin icon), "Report a Problem" (with an exclamation mark icon), "Email Us" (with an envelope icon), and "About" (with a document icon). At the bottom of the screen, there is a navigation bar with three icons: a square, a circle, and a triangle pointing left.

- ← SUST Medical Center
- Account
 - Change Password
 - Delete Account
- Preference
 - change active status
 - Report a Problem
 - Email Us
 - About

Unimplemented Feature

- Push notification.
 - To activate push notification, a server is required. We did not find any server that does not ask for billing information.
- Some functionalities related to settings.

Used Technologies

- Android SDK
- JAVA
- Google Firebase:
 - Firebase Authentication
 - Firebase Firestore
 - Firebase Admin SDK
 - Realtime Database
 - Firebase Storage
- Node.js

Used Technologies

- Github
- External Libraries

Picasso

CircleImageView

Lottie-android

----- END OF SLIDE -----