

MeDrug

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Github links to the project

FRONT END - <https://github.com/vibhurai/MeDrug2>

BACK END - <https://github.com/ishitb/MeDrug-Server>

MOTIVATION

Currently, we have to physically go and place the order for our medicines and then go back again to collect them. It would be much better if we can contact the vender directly by digitally uploading the prescription of the medicines and mailing it to him or sending a Whatsapp message. Also, we generally are not aware about the events regularly held by blue circle, hence displaying them on the app can also increase the participation of the students.

We also noticed that it would be a lot better if there was 24/7 access to an emergency button to call an ambulance to your location directly in case of an emergency instead of searching for its number if one does not have it. Furthermore, we realized there was no better way to book an appointment with a doctor rather than go to the pre-existing website which isn't SNU specific, or call at the reception which might not always be feasible.

FUNCTIONALITY

A ready to be implemented application at a clinic or a pharmacy with the following features:

- Appointment booking and cancellations with a reminder set in Google calendar.
- Emergency button for calling the ambulance along with sending one's current location.
- Feature to upload the prescription for the required medicine and mail the vendor or contact him through Whatsapp.
- A portal for regular advisories and events put up by the Blue Circle.

Technology Stack



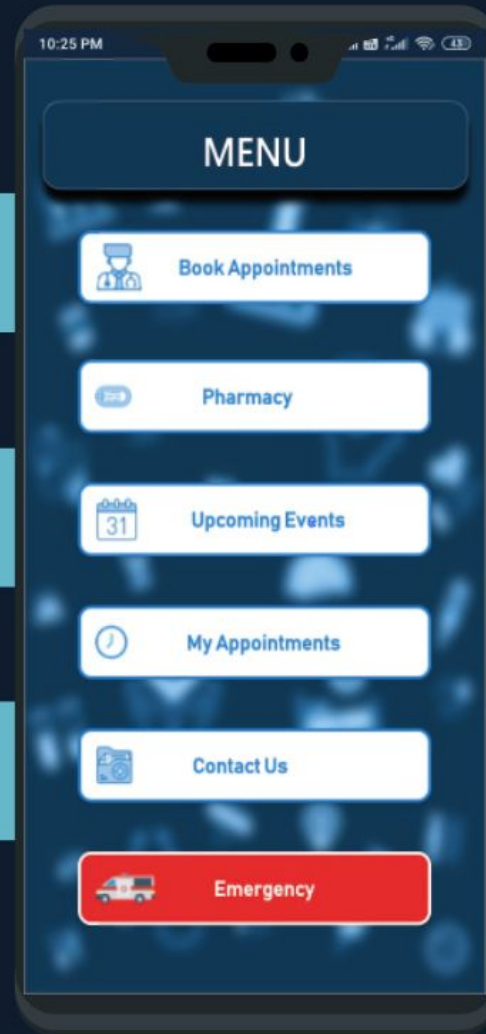
- **Android Studio**
- **XML, JAVA**
- **Django Framework**
- **Python**
- **Django Rest Framework**
- **Postman**
- **Github**

FEATURES

Doctor
Appointments can
be booked

The details of all the
latest events is
displayed

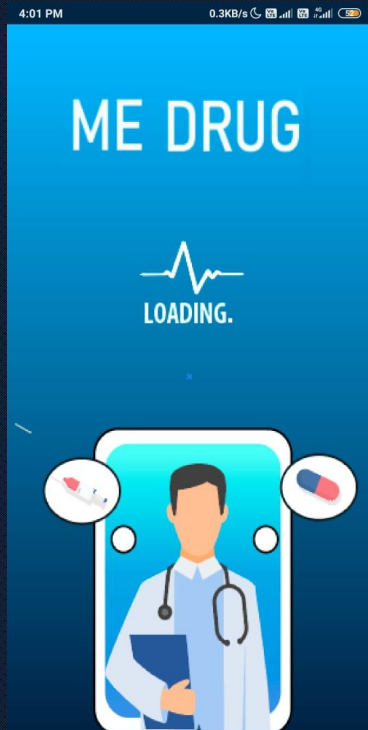
The Emergency button will
help call the ambulance
when needed



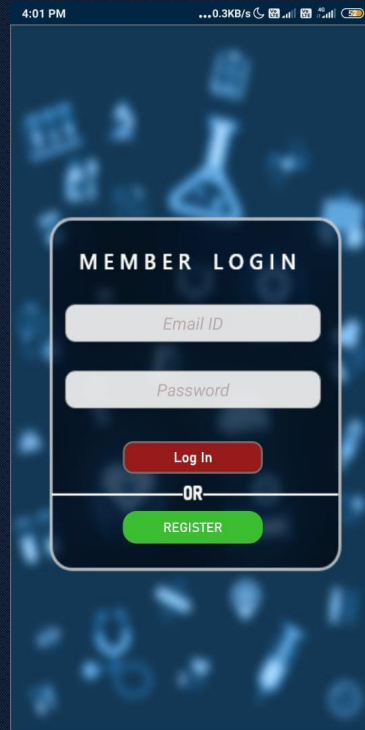
The prescription can be
uploaded and the
vendor can be
contacted directly

All the currently booked
appointments and
ability to cancel them.

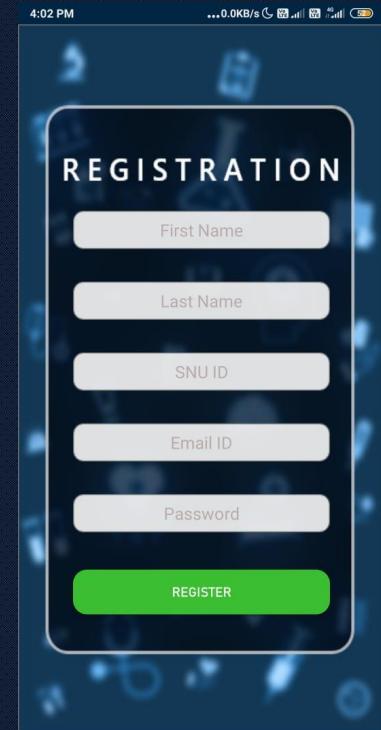
IMPLEMENTATION



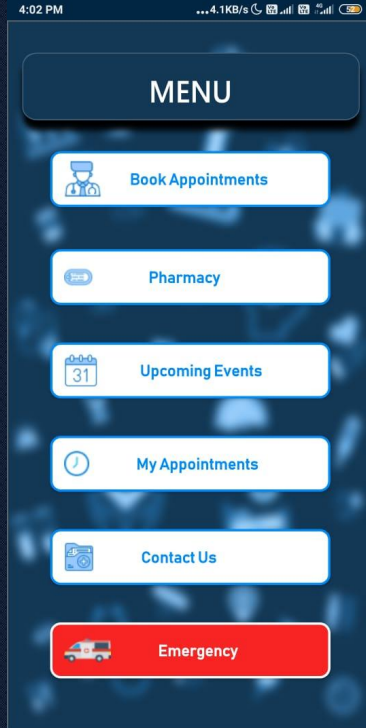
LOADING PAGE



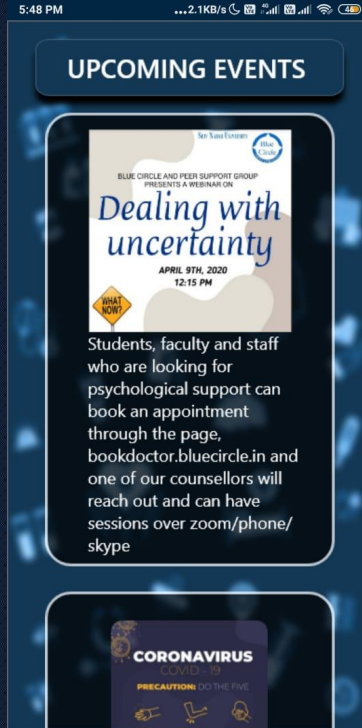
LOGIN PAGE



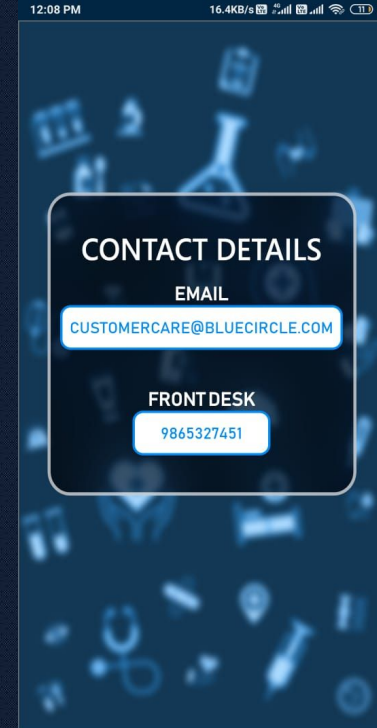
REGISTRATION PAGE



MENU PAGE



PAGE TO DISPLAY THE
UPCOMING EVENTS
AND ALERTS



CONTACT US PAGE
USERS CAN DIRECTLY
CALL OR EMAIL THE
RECEPTION

12:11 PM ...17.2KB/s

PHARMACY

IMAGE PREVIEW

NO IMAGE CAPTURED

Enter medicine(s) (Optional)

TAKE PHOTO

SEND TO VENDOR

CONTACT VENDOR VIA WHATSAPP

12:12 PM ...21.3KB/s

Compose

From kr845@snu.edu.in

To Mihir Vipradas

Prescription

Combiflam
Phone Number: <Include Phone Number Here>

Thank You.

Regards,

Kaustubh Rai
Shiv Nadar University
2nd year, CSE
Roll no. 1810110102

1592635362307.jpg
2 KB

THE USER CAN UPLOAD A PICTURE OF THE PRESCRIPTION AND ALSO MANUALLY ENTER THE MEDICINES WHICH DO NOT REQUIRE A PRESCRIPTION.

THEN THE USER CAN PROCEED TO CONTACT THE VENDOR DIRECTLY THROUGH WHATSAPP OR MAIL THEM.

THE SCREENSHOT OF THE SAMPLE MAIL IS DISPLAYED HERE.

12:22 PM ...16.2KB/s

APPOINTMENT

Select Doctor

Date

Check Availability

PAGE FOR USER TO BOOK
APPOINTMENTS WITH A
DOCTOR

4:02 PM ...0.0KB/s

APPOINTMENT

1234567890

 **Pankaj Suneja**
Psychologist
Psychology
1234567890

 **Tseyang Palzom**
Psychologist
Psychology
1234567890

 **Dr. Sameer Singh, PT**
Physiotherapy
Bachelor Of Physiotherapy
1234567890

 **Dr. Susheel Shukla**
General Physician
MBBS

SELECTING A DOCTOR WITH
THEIR INFORMATION
DISPLAYED

4:02 PM ...0.2KB/s

APPOINTMENT

2020-05-13

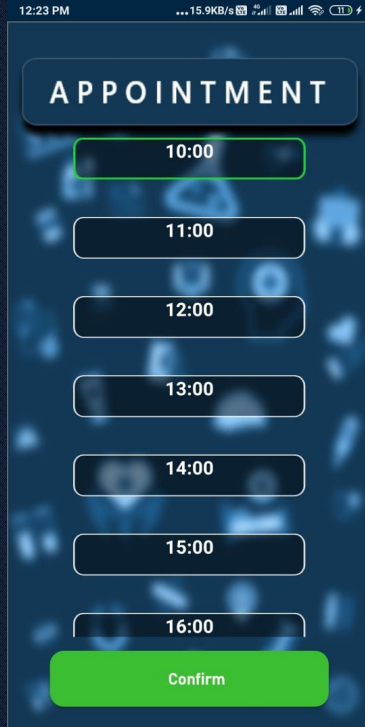
2020-05-14

2020-05-15

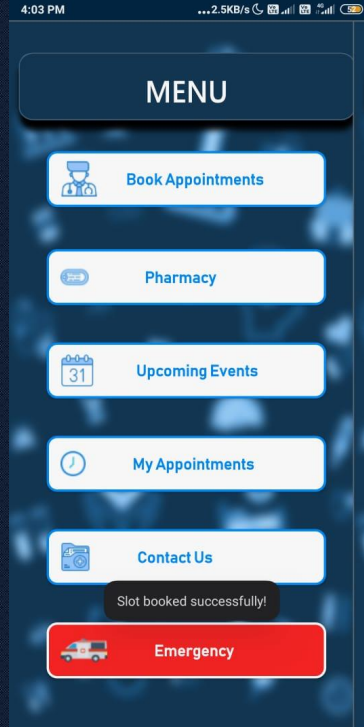
2020-05-18

2020-05-19

SELECTING THE DATE OF THE
APPOINTMENT WHICH HAS
THE CURRENT DATE TILL THE
NEXT 5 DAYS EXCLUDING THE
WEEKENDS



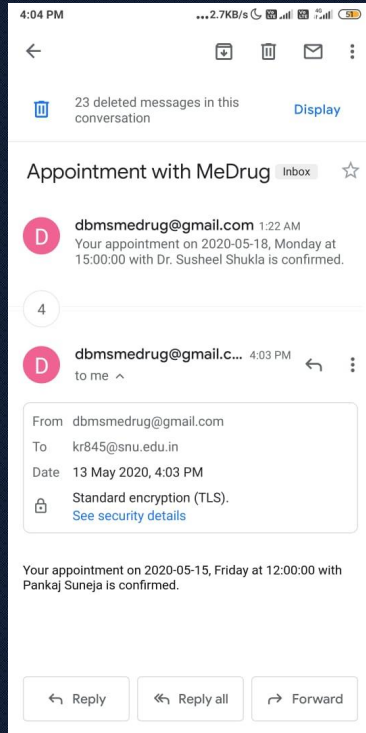
SELECTING THE AVAILABLE TIME
SLOTS FOR THE SELECTED
DOCTOR



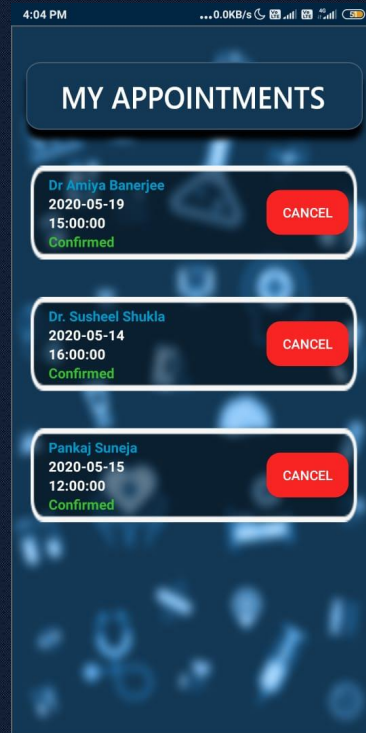
AN APPOINTMENT IS BOOKED
SUCCESSFULLY AND THE
CONFIRMATION IS MAILED TO
THE USER



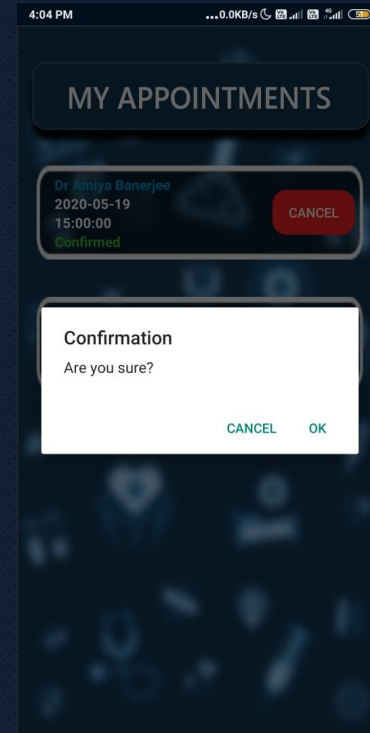
THE ENTRY OF THE BOOKED
APPOINTMENT IS ADDED TO THE
GOOGLE CALENDAR AND HENCE
A REMINDER IS SET



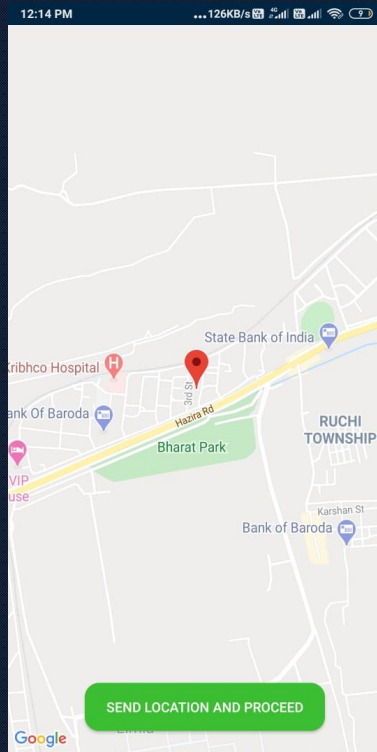
ONCE AN APPOINTMENT IS BOOKED SUCCESSFULLY, THE USER RECEIVES AN AUTOMATED EMAIL CONFIRMING THE APPOINTMENT



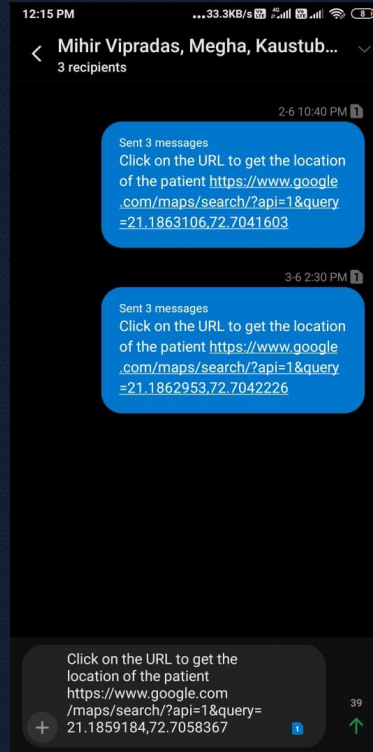
THE BOOKED APPOINTMENTS CAN BE VIEWED BY THE USER ON THIS PAGE



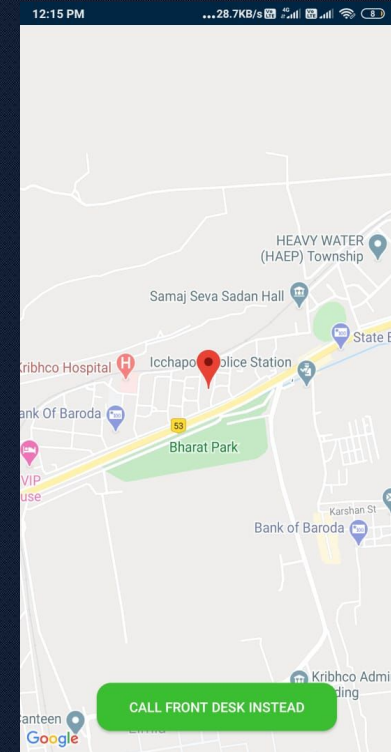
THE BOOKED APPOINTMENTS CAN ALSO BE DIRECTLY CANCELLED FROM THIS PAGE



AFTER ACCEPTING THE PRIVACY SETTINGS TO SHARE THE LOCATION. THE USER CAN SHARE ITS LOCATION TO CALL FOR AN AMBULANCE.

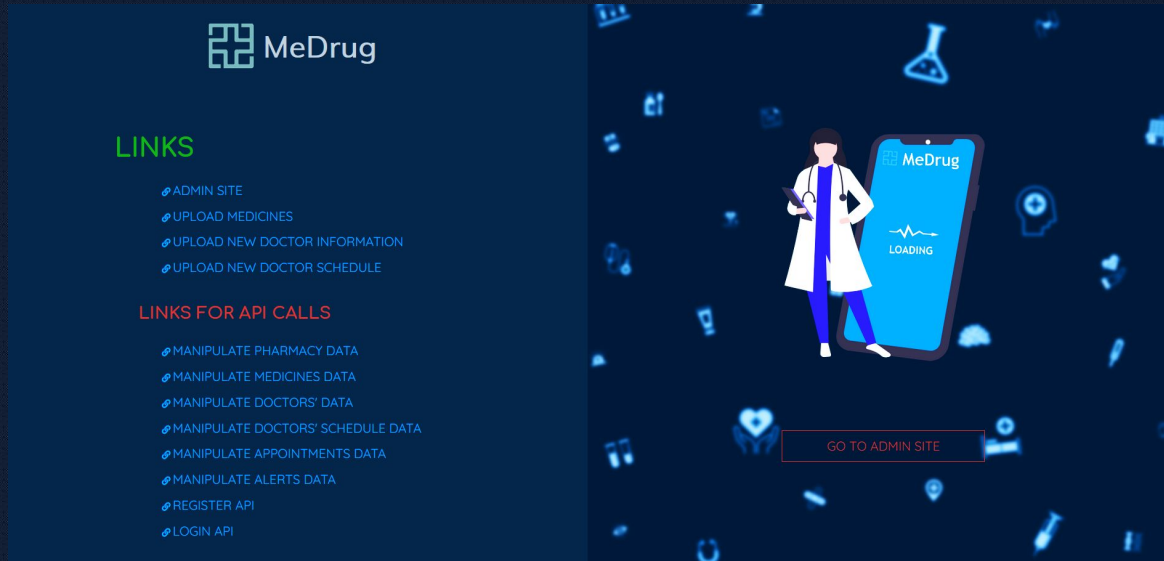


SMS WILL BE SENT TO THE AMBULANCE DRIVER WITH A LINK OF THE USER LOCATION.



THE USER WILL RETURN TO THIS PAGE AND CAN FURTHER CALL THE FRONT DESK

ADMIN SITE



THE ADMIN SITE ALLOWS THE ADMINISTRATOR TO DIRECTLY PERFORM SOME FUNCTION FOR CONVENIENCE WHILE ALSO PROVIDING LINKS TO THE MAIN DASHBOARD AND API ENDPOINTS

LINKS

- [ADMIN SITE](#)
- [UPLOAD MEDICINES](#)
- [UPLOAD NEW DOCTOR INFORMATION](#)
- [UPLOAD NEW DOCTOR SCHEDULE](#)

LINKS FOR API CALLS

- [MANIPULATE PHARMACY DATA](#)
- [MANIPULATE MEDICINES DATA](#)
- [MANIPULATE DOCTORS' DATA](#)
- [MANIPULATE DOCTORS' SCHEDULE DATA](#)
- [MANIPULATE APPOINTMENTS DATA](#)
- [MANIPULATE ALERTS DATA](#)
- [REGISTER API](#)
- [LOGIN API](#)

UPLOAD NEW MEDICINES

Upload data in form of CSV File

Order of CSV File :

{Category, Name, Quantity, Price}

Choose CSV File

Chosen File: C:\fakepath\Appointment.csv

UPLOAD

FOR SEAMLESS DATA UPDATION THE ADMIN CAN DIRECTLY
IMPORT CSV FILES FROM THE LINK PROVIDED ON THE ADMIN SITE

Appointment List

Appointment List

OPTIONS

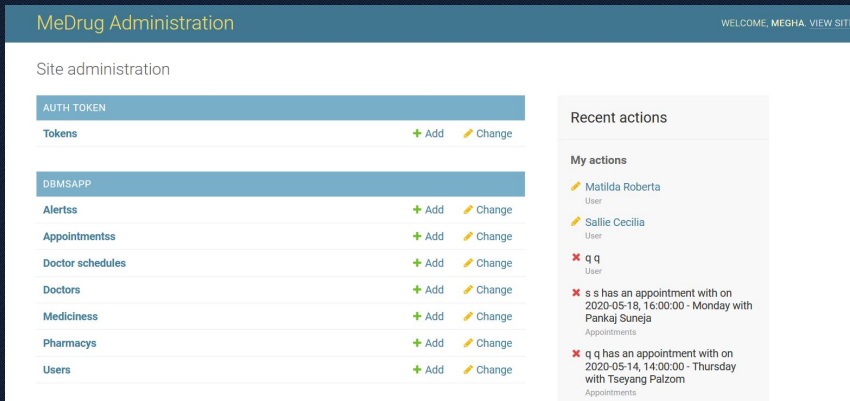
GET

GET /appointment/

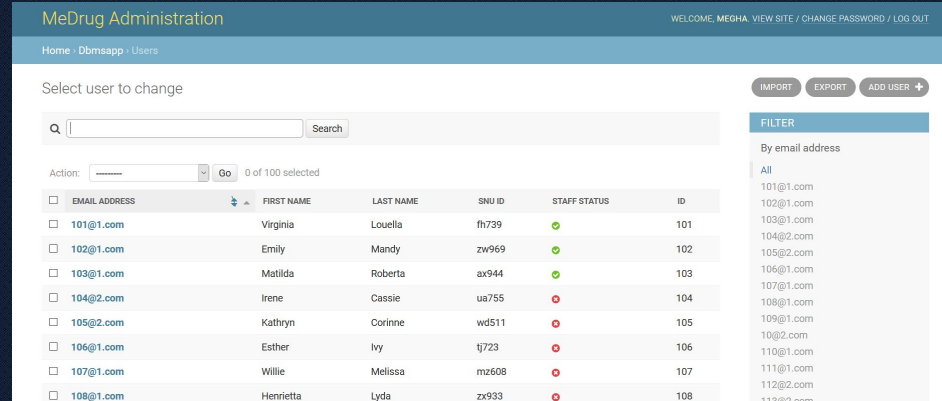
HTTP 200 OK
Allow: GET, POST, HEAD, OPTIONS
Content-Type: application/json
Vary: Accept

```
[
  {
    "id": 43,
    "comments": "nothing",
    "date": "2020-05-13",
    "patient": 10,
    "scheduled": 291
  },
  {
    "id": 133,
    "comments": "nothing",
    "date": "2020-06-02",
    "patient": 185,
    "scheduled": 101
  },
  {
    "id": 168,
    "comments": "nothing",
    "date": "2020-06-09",
    "patient": 185,
    "scheduled": 236
  },
  {
    "id": 169,
    "comments": "nothing",
    "date": "2020-06-05",
    "patient": 185,
    "scheduled": 129
  },
]
```

THE API ENDPOINT FOR THE PHARMACY TABLE DISPLAYING THE DATA AS JSON OBJECTS, THIS HELPS IN LINKING THE FRONTEND WITH THE BACKEND



THE ADMIN DASHBOARD
DISPLAYING ALL THE CURRENT
MODELS WHICH CAN BE
MODIFIED



THE USERS TABLE SHOWING ALL
THE CURRENTLY REGISTERED
USERS AND THEIR DETAILS. THE
ADMIN CAN DIRECT MAKE
CHANGES TO THEM HERE

THANK YOU!