COLLEGE ADMISSION MANAGEMENT

Open Lab Project

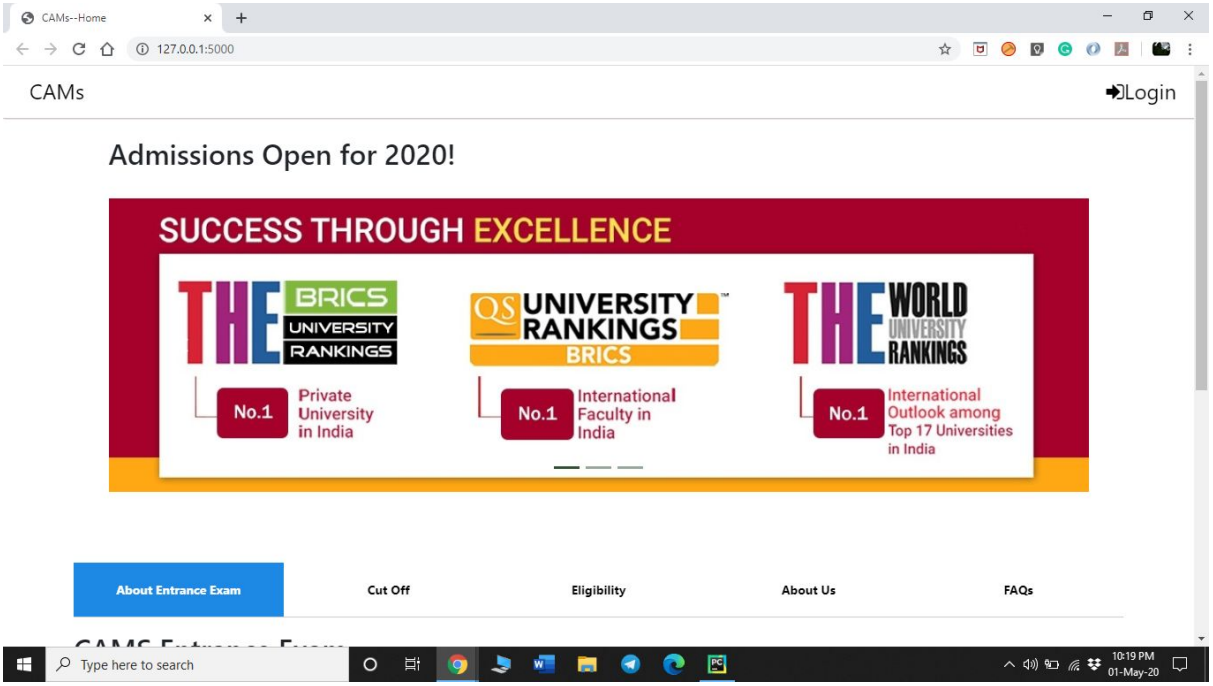
S.No	Name	Roll No.
1	Akshaya A	CB.EN.U4CSE17401
2	Divya Rathi	CB.EN.U4CSE17416
3	Gayathri E	CB.EN.U4CSE17420
4	Kaviya S	CB.EN.U4CSE17429
5	Nivedha W B	CB.EN.U4CSE17444

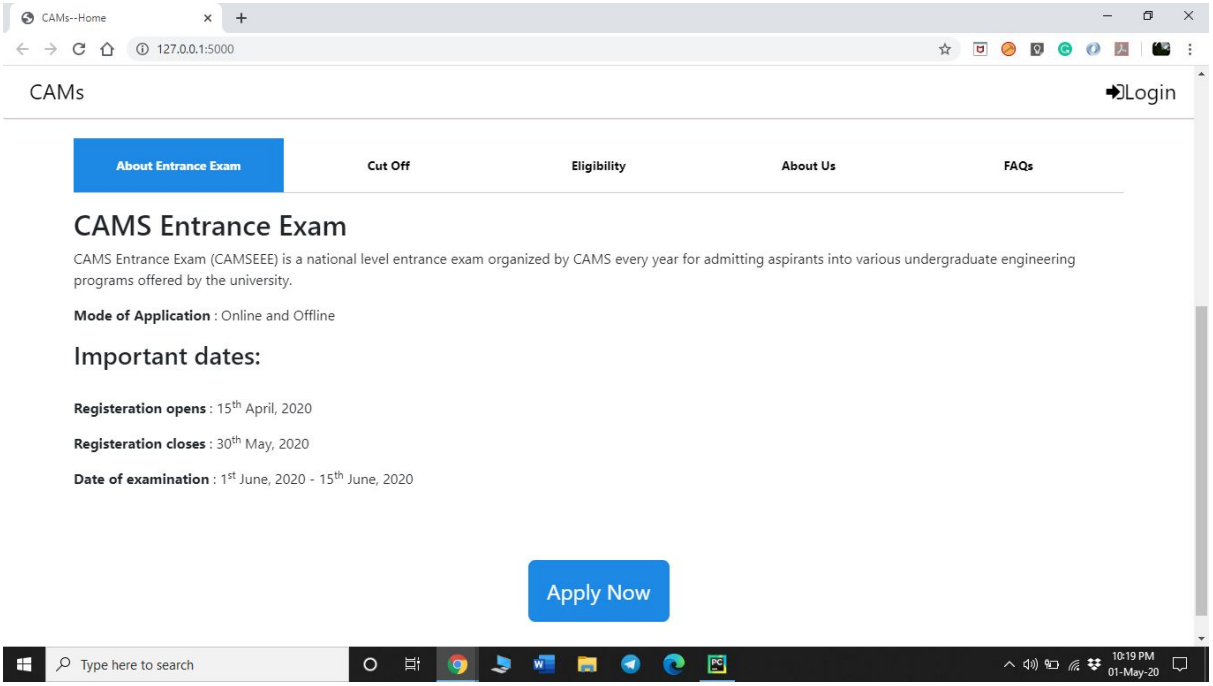
INTRODUCTION

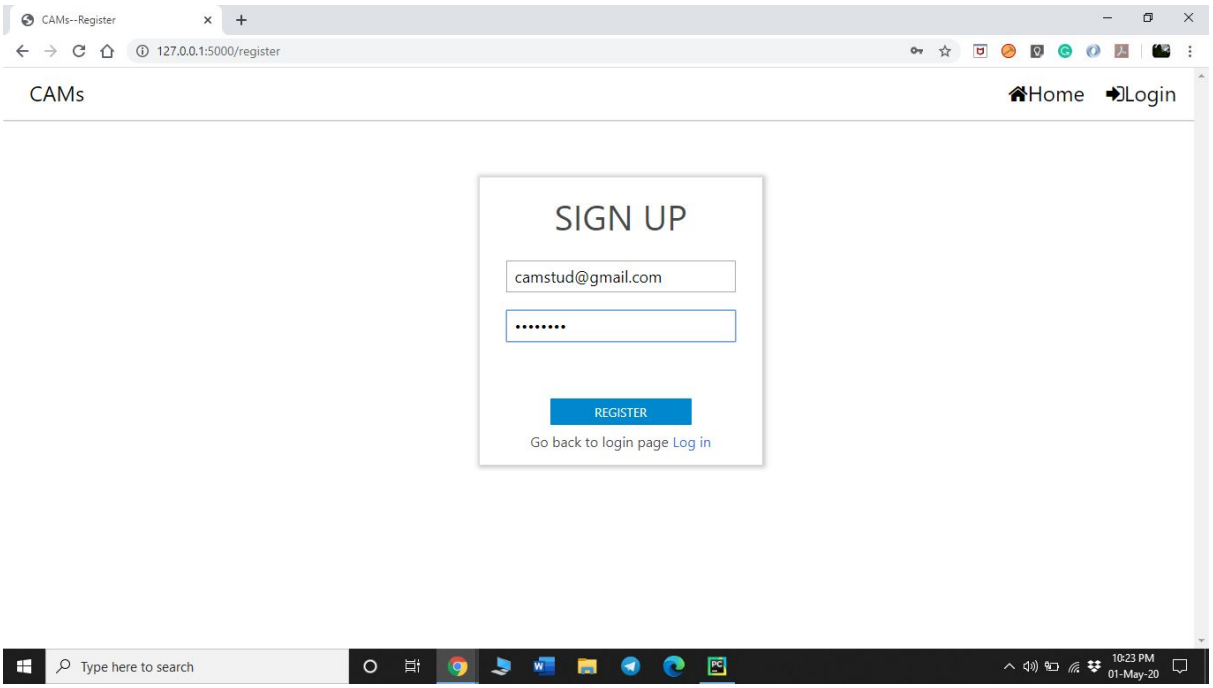
Traditional college admission is a hectic process, which involves students visiting off-site campus, taking application, filling it, and then the submission is another hectic story. On the day of admission, the flow of candidates is very high and it requires both manual processing and record-keeping at the same time that makes the process lengthy and difficult to keep track of the admission status of a candidate in multiple departments. This college admission management system helps to make the admission process much easier and helps in maintaining a database in an efficient way. As of now, CAMS is considered an institution of its own, not a general admission management system. A student can apply for admission once logged in. A student can also read about the college and view its details without even logging in. Status of admission is shown in the Student Dashboard and a student can only apply once. Firebase is used as the database for this flask-based web application.

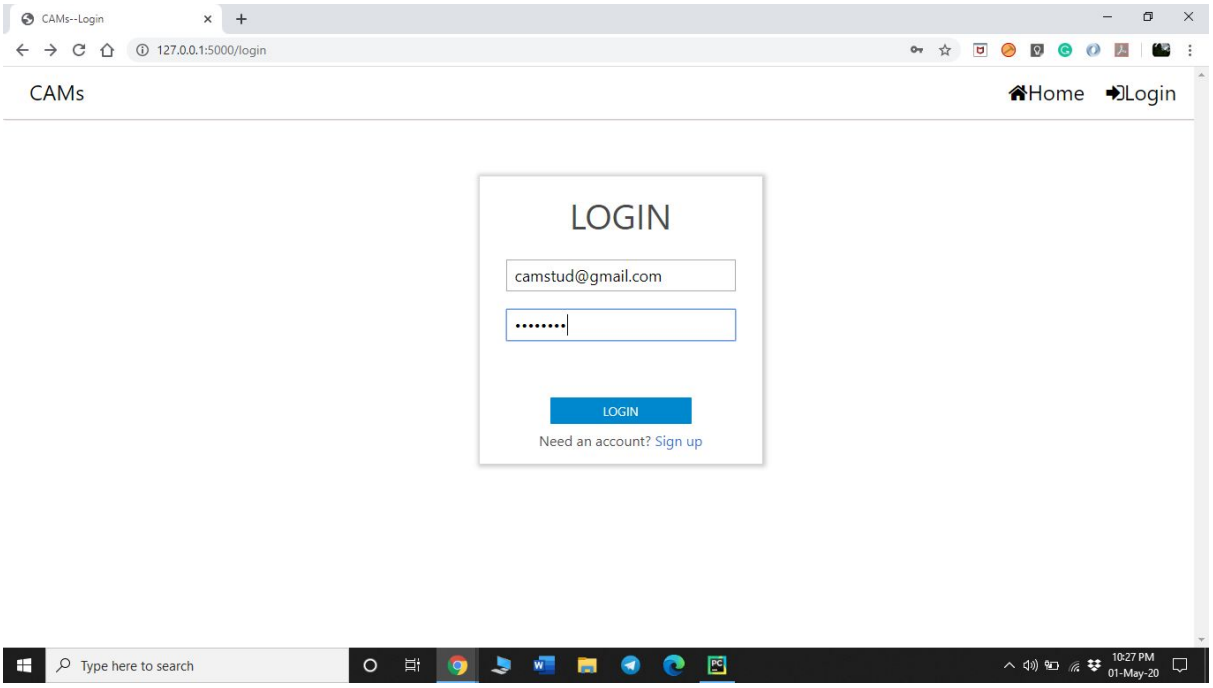
SCREENSHOTS

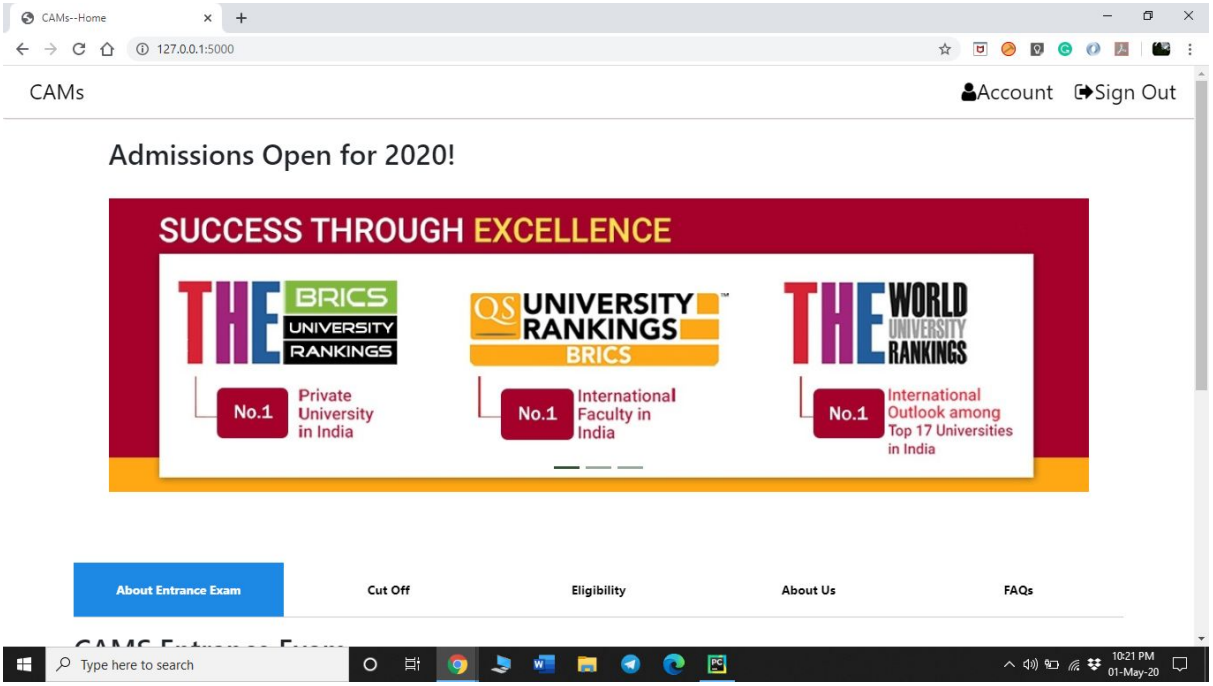
USER VIEW

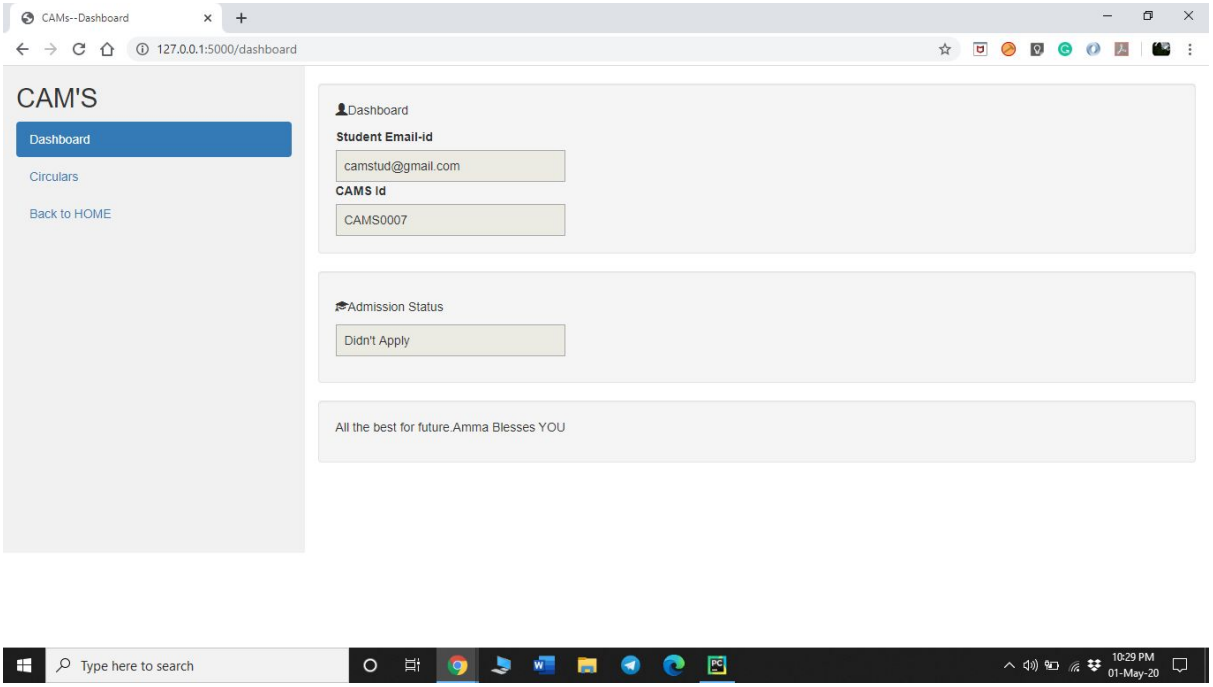


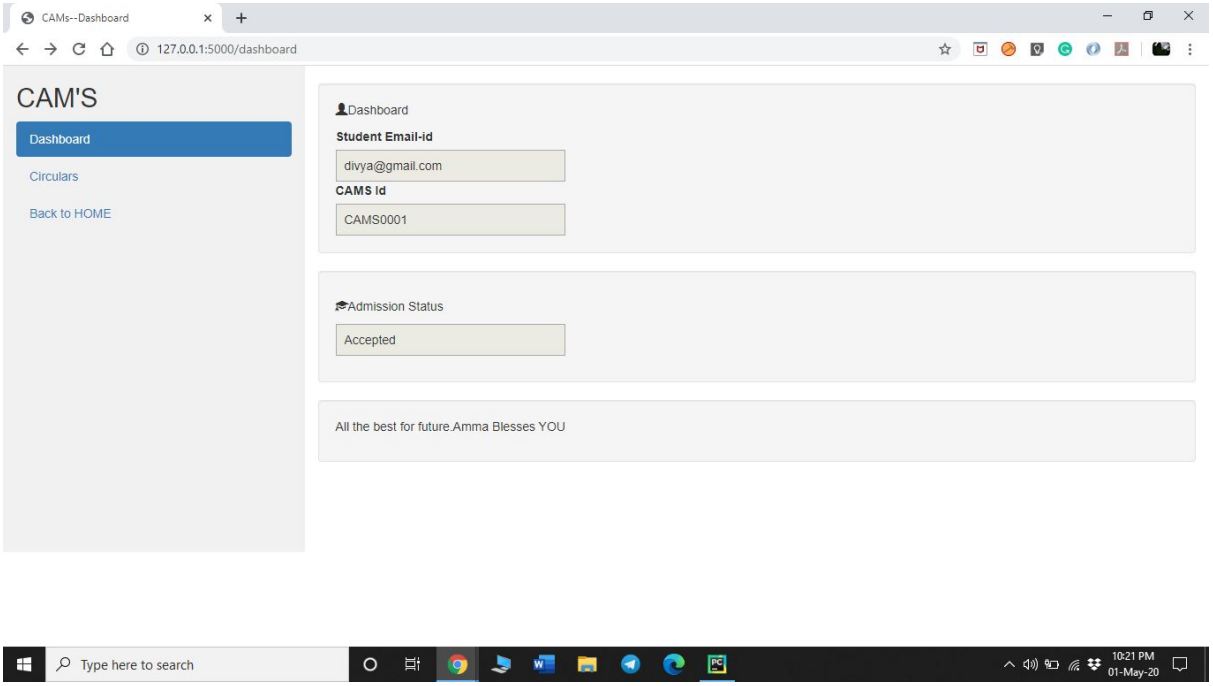



CAMs--Register
127.0.0.1:5000/register
CAMs
Home
Login
SIGN UP
camstud@gmail.com
REGISTER
Go back to login page Log in
Type here to search
10:23 PM
01-May-20

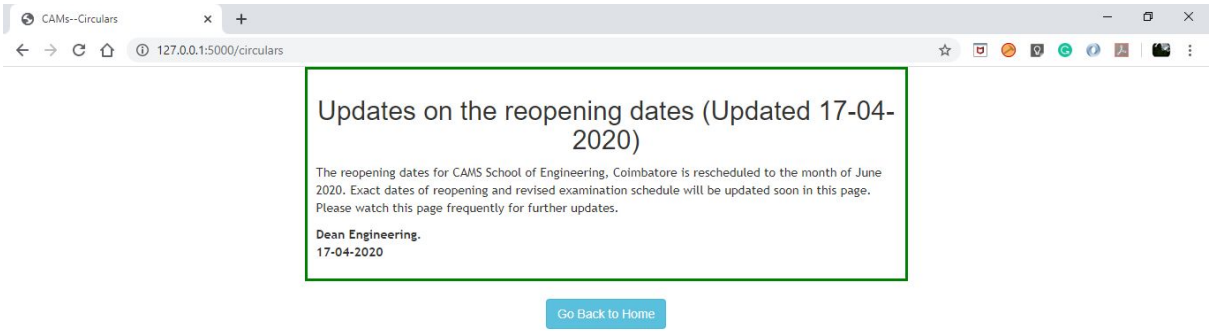

CAMs--Login
127.0.0.1:5000/login
CAMs
Home
Login
LOGIN
camstud@gmail.com
LOGIN
Need an account? Sign up
Type here to search
10:27 PM
01-May-20


CAMs--Home
127.0.0.1:5000
CAMs
Account
Sign Out
Admissions Open for 2020!
SUCCESS THROUGH EXCELLENCE
THE BRICS UNIVERSITY RANKINGS
No.1 Private University in India
QS UNIVERSITY RANKINGS BRICS
No.1 International Faculty in India
THE WORLD UNIVERSITY RANKINGS
No.1 International Outlook among Top 17 Universities in India
About Entrance Exam
Cut Off
Eligibility
About Us
FAQs
Type here to search
10:21 PM
01-May-20

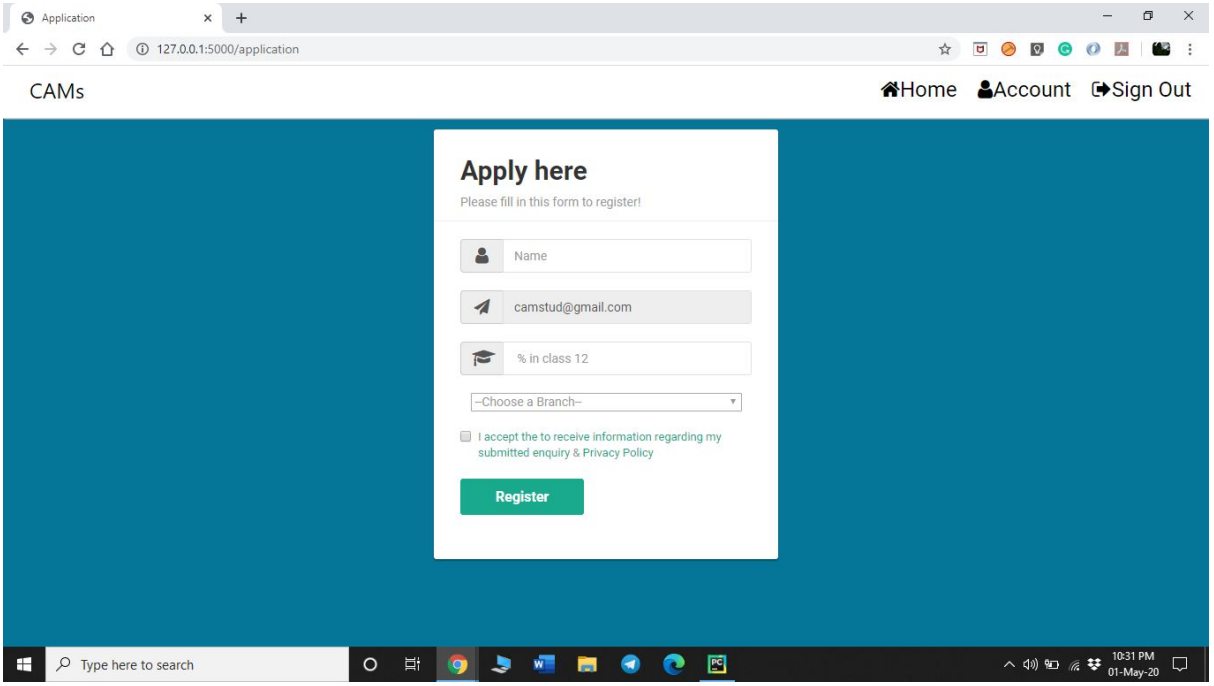

CAMs--Dashboard
127.0.0.1:5000/dashboard
CAM'S
Dashboard
Circulars
Back to HOME
Dashboard
Student Email-id
camstud@gmail.com
CAMS Id
CAMS0007
Admission Status
Didn't Apply
All the best for future.Amma Blesses YOU
Type here to search
10:29 PM
01-May-20


CAMs--Dashboard
127.0.0.1:5000/dashboard
CAM'S
Dashboard
Circulars
Back to HOME
Dashboard
Student Email-id
divya@gmail.com
CAMS id
CAMS0001
Admission Status
Accepted
All the best for future.Amma Blesses YOU

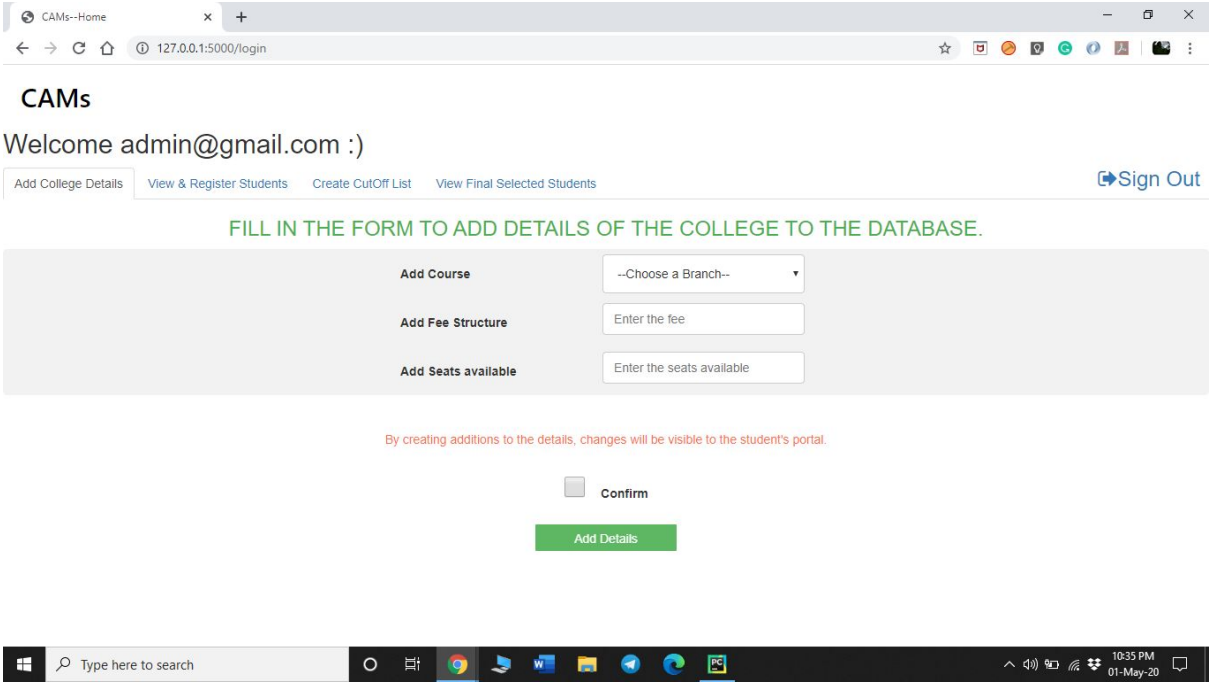
Type here to search
10:21 PM
01-May-20

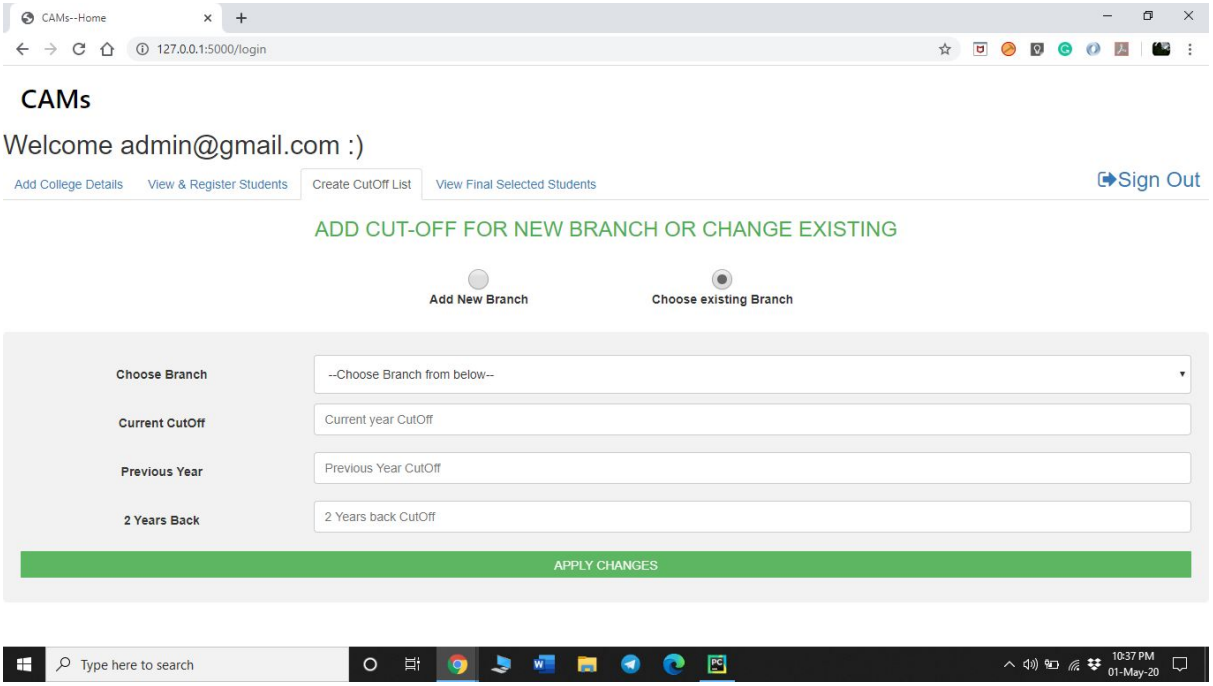

CAMs--Circulars
127.0.0.1:5000/circulars
Updates on the reopening dates (Updated 17-04-2020)
The reopening dates for CAMS School of Engineering, Coimbatore is rescheduled to the month of June 2020. Exact dates of reopening and revised examination schedule will be updated soon in this page. Please watch this page frequently for further updates.
Dean Engineering.
17-04-2020
Go Back to Home

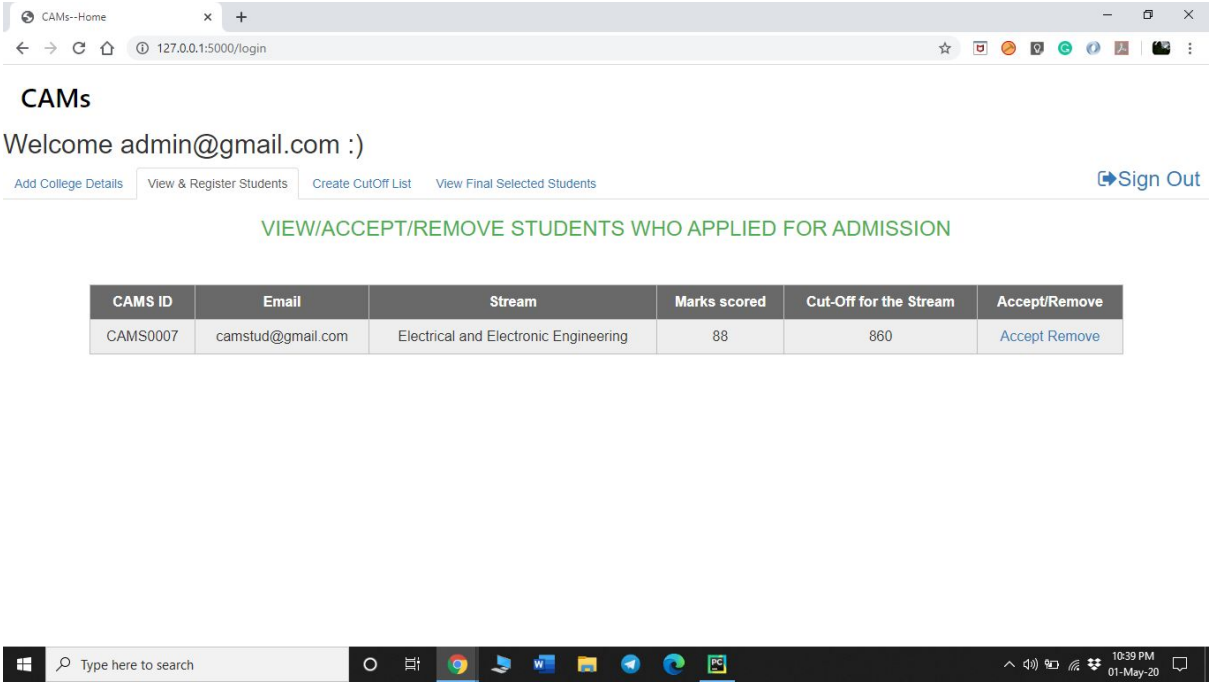
Type here to search
10:41 PM
01-May-20

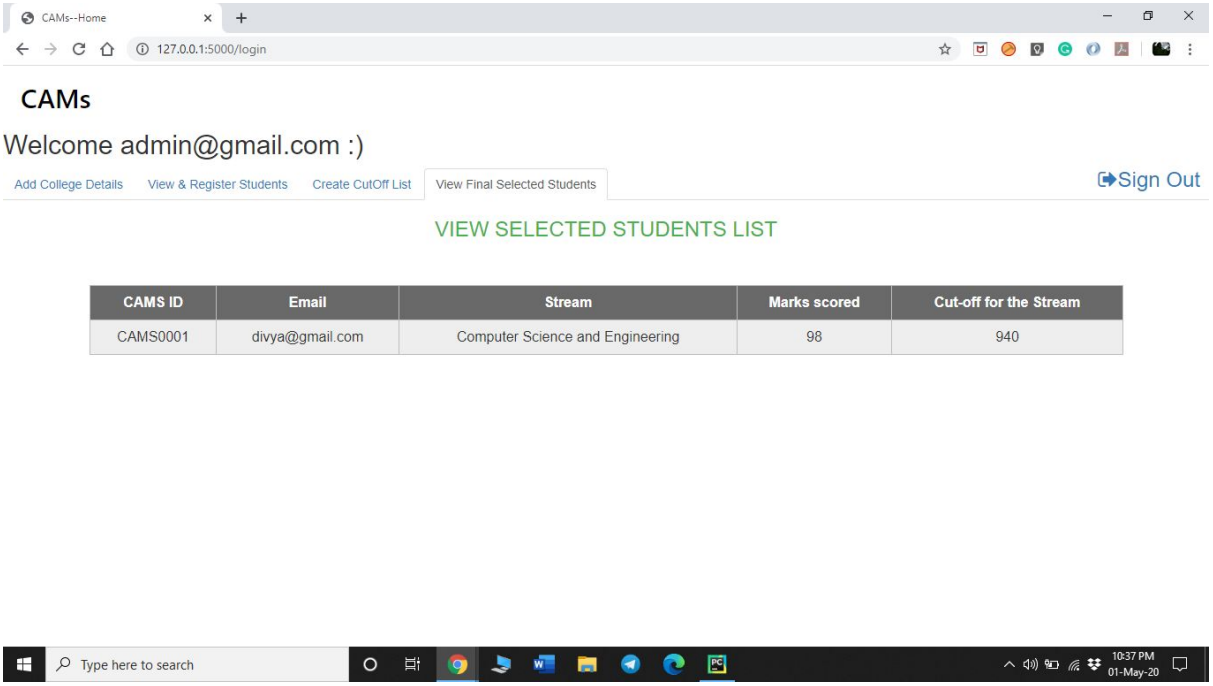

Application
127.0.0.1:5000/application
CAMs
Home
Account
Sign Out
Apply here
Please fill in this form to register!
Name
camstud@gmail.com
% in class 12
--Choose a Branch--
I accept the to receive information regarding my submitted enquiry & Privacy Policy
Register
Type here to search
10:31 PM
01-May-20

ADMIN VIEW

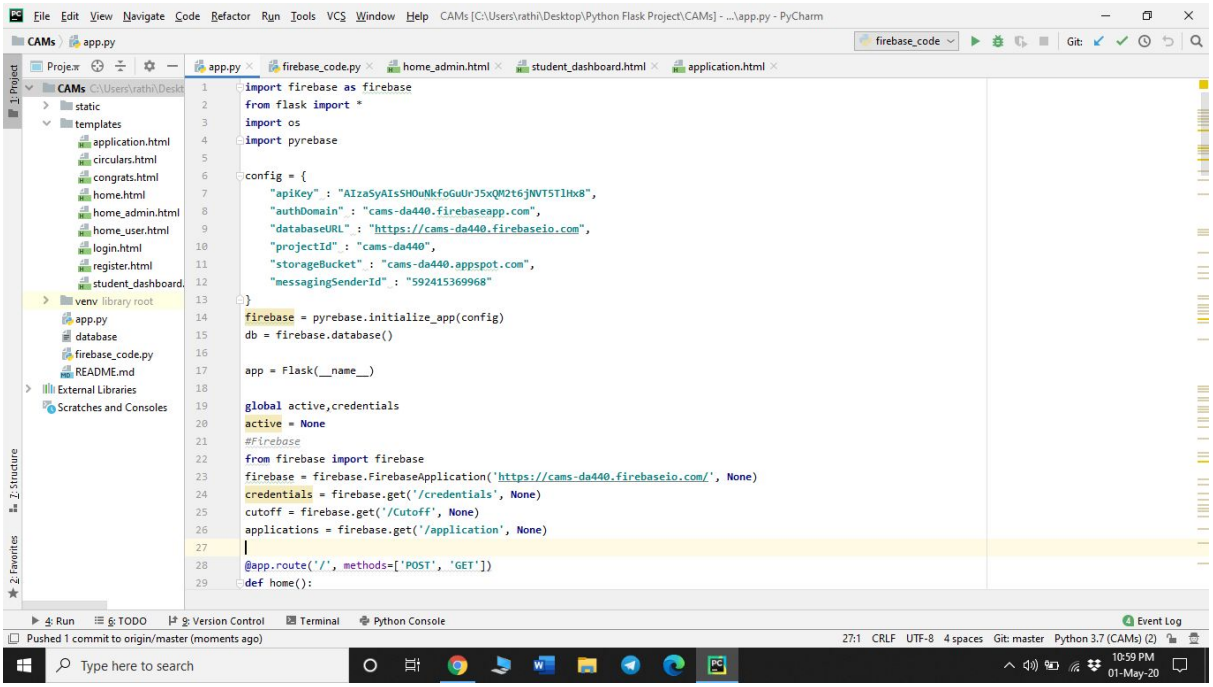

CAMs--Home
127.0.0.1:5000/login
CAMs
Welcome admin@gmail.com :)
Add College Details
View & Register Students
Create CutOff List
View Final Selected Students
Sign Out
FILL IN THE FORM TO ADD DETAILS OF THE COLLEGE TO THE DATABASE.
Add Course
--Choose a Branch--
Add Fee Structure
Enter the fee
Add Seats available
Enter the seats available
By creating additions to the details, changes will be visible to the student's portal.
Confirm
Add Details
Type here to search
10:35 PM
01-May-20

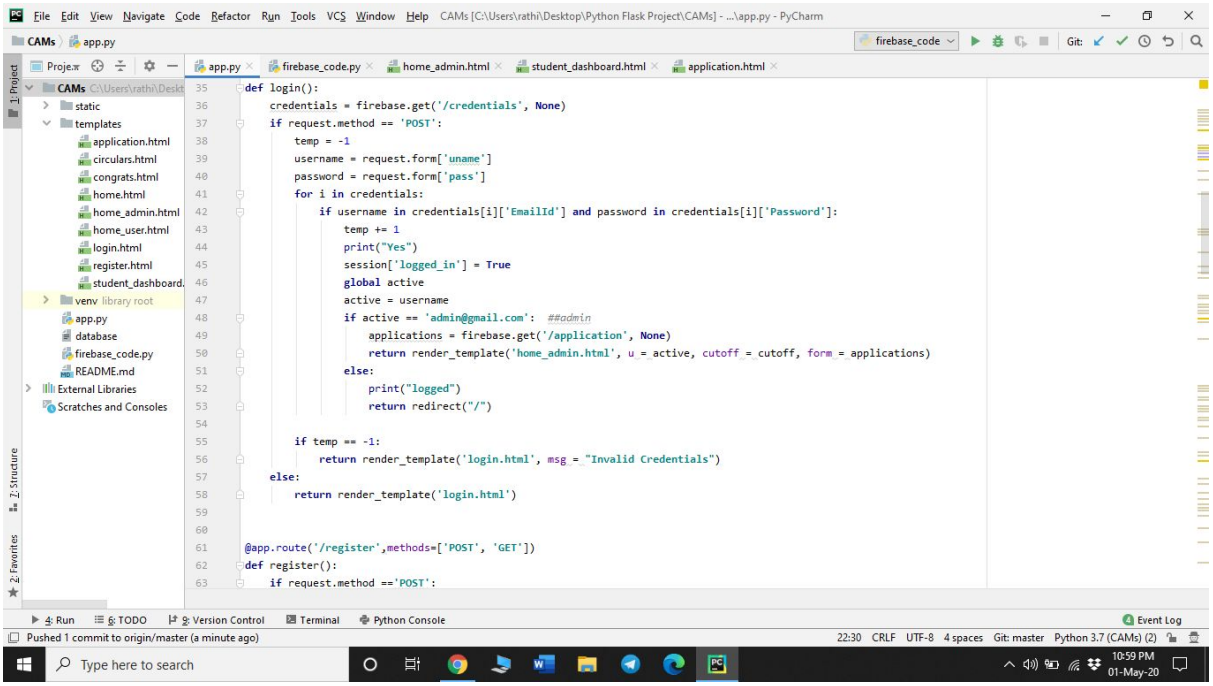

CAMs--Home
127.0.0.1:5000/login
CAMs
Welcome admin@gmail.com :)
Add College Details
View & Register Students
Create CutOff List
View Final Selected Students
Sign Out
ADD CUT-OFF FOR NEW BRANCH OR CHANGE EXISTING
Add New Branch
Choose existing Branch
Choose Branch
--Choose Branch from below--
Current CutOff
Current year CutOff
Previous Year
Previous Year CutOff
2 Years Back
2 Years back CutOff
APPLY CHANGES
Type here to search
10:37 PM
01-May-20


CAMs--Home
127.0.0.1:5000/login
CAMs
Welcome admin@gmail.com :)
Add College Details
View & Register Students
Create CutOff List
View Final Selected Students
Sign Out
VIEW/ACCEPT/REMOVE STUDENTS WHO APPLIED FOR ADMISSION
CAMS ID
Email
Stream
Marks scored
Cut-Off for the Stream
Accept/Remove
CAMS0007
camstud@gmail.com
Electrical and Electronic Engineering
88
860
Accept Remove
Type here to search
10:39 PM
01-May-20

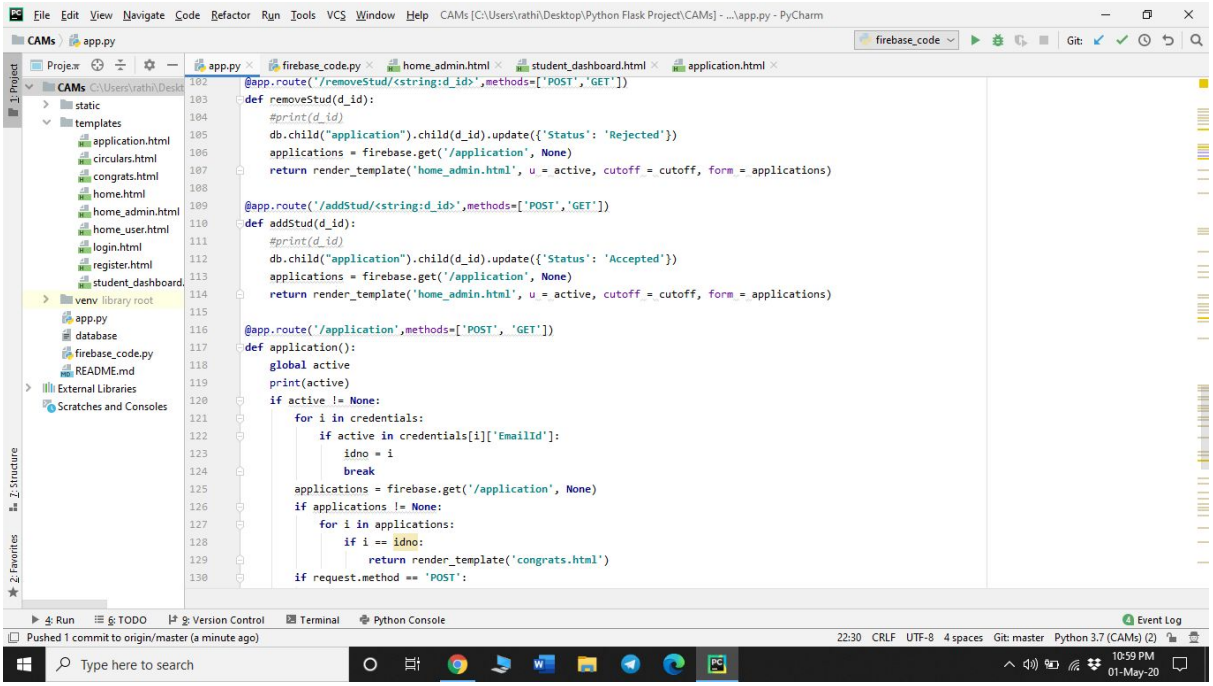


Code snippets :

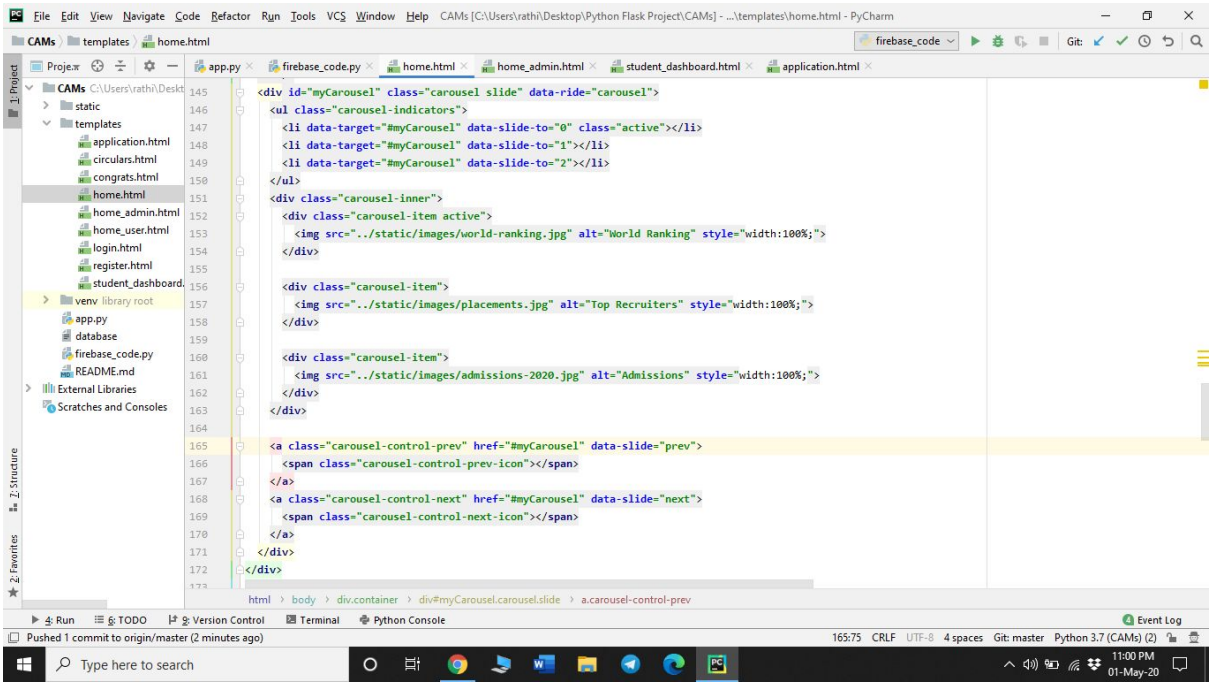




```
def login():
    credentials = firebase.get('/credentials', None)
    if request.method == 'POST':
        temp = -1
        username = request.form['uname']
        password = request.form['pass']
        for i in credentials:
            if username in credentials[i]['EmailId'] and password in credentials[i]['Password']:
                temp += 1
                print("Yes")
                session['logged_in'] = True
                global active
                active = username
                if active == 'admin@gmail.com':  ##admin
                    applications = firebase.get('/application', None)
                    return render_template('home_admin.html', u = active, cutoff = cutoff, form = applications)
                else:
                    print("logged")
                    return redirect("/")

        if temp == -1:
            return render_template('login.html', msg = "Invalid Credentials")
    else:
        return render_template('login.html')


@app.route('/register',methods=['POST', 'GET'])
def register():
    if request.method =='POST':
```



```
@app.route('/removeStud/<string:d_id>',methods=['POST','GET'])
def removeStud(d_id):
    #print(d_id)
    db.child("application").child(d_id).update({'Status': 'Rejected'})
    applications = firebase.get('/application', None)
    return render_template('home_admin.html', u = active, cutoff = cutoff, form = applications)

@app.route('/addStud/<string:d_id>',methods=['POST','GET'])
def addStud(d_id):
    #print(d_id)
    db.child("application").child(d_id).update({'Status': 'Accepted'})
    applications = firebase.get('/application', None)
    return render_template('home_admin.html', u = active, cutoff = cutoff, form = applications)

@app.route('/application',methods=['POST', 'GET'])
def application():
    global active
    print(active)
    if active != None:
        for i in credentials:
            if active in credentials[i]['EmailId']:
                idno = i
                break
        applications = firebase.get('/application', None)
        if applications != None:
            for i in applications:
                if i == idno:
                    return render_template('congrats.html')
        if request.method == 'POST':
```


File Edit View Navigate Code Refactor Run Tools VCS Window Help CAMs [C:\Users\rathi\Desktop\Python Flask Project\CAMs] - ...\templates\home.html - PyCharm
CAMs templates home.html
firebase_code
Git:
Project
app.py
firebase_code.py
home.html
home_admin.html
student_dashboard.html
application.html
CAMs C:\Users\rathi\Deskt
static
templates
application.html
circulars.html
congrats.html
home.html
home_admin.html
home_user.html
login.html
register.html
student_dashboard.
venv library root
app.py
database
firebase_code.py
README.md
External Libraries
Scratches and Consoles

<ul class="carousel-indicators">
<li data-target="#myCarousel" data-slide-to="0" class="active"></li>
<li data-target="#myCarousel" data-slide-to="1"></li>
<li data-target="#myCarousel" data-slide-to="2"></li>
</ul>

<img src="../static/images/world-ranking.jpg" alt="World Ranking" style="width:100%;">

<img src="../static/images/placements.jpg" alt="Top Recruiters" style="width:100%;">

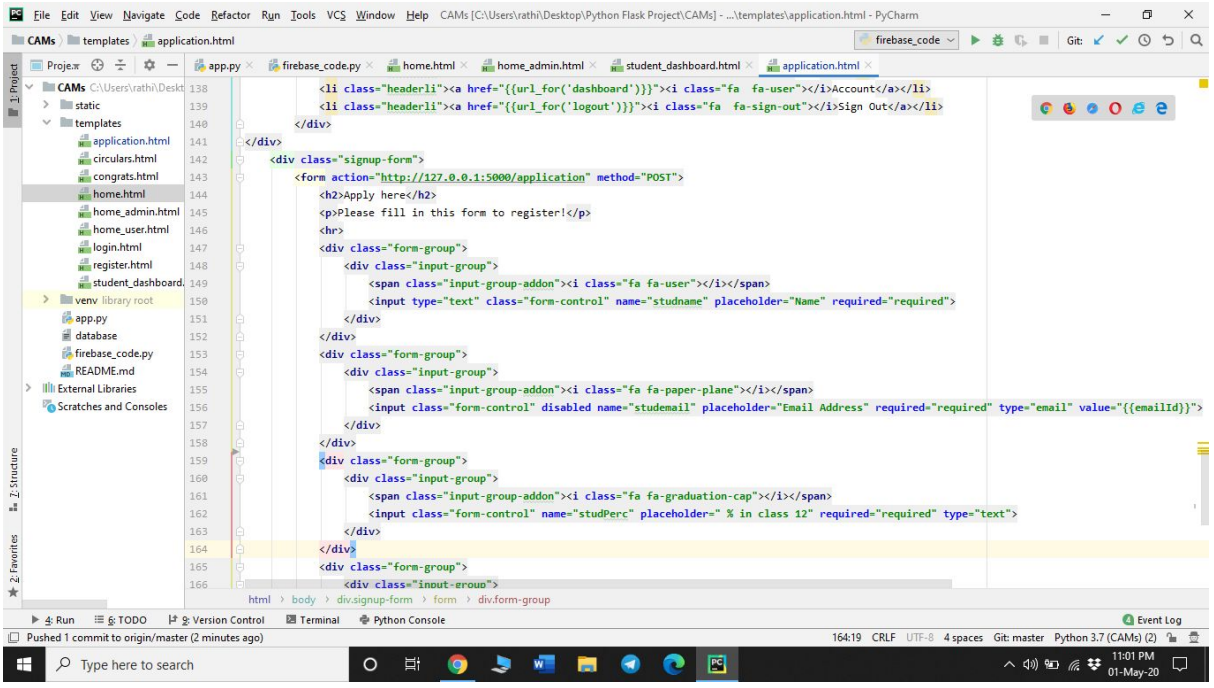
<img src="../static/images/admissions-2020.jpg" alt="Admissions" style="width:100%;">

<a class="carousel-control-prev" href="#myCarousel" data-slide="prev">

</a>
<a class="carousel-control-next" href="#myCarousel" data-slide="next">

</a>

html body div.container div#myCarousel.carousel.slide a.carousel-control-prev
4: Run 6: TODO 9: Version Control Terminal Python Console
Event Log
Pushed 1 commit to origin/master (2 minutes ago)
165:75 CRLF UTF-8 4 spaces Git: master Python 3.7 (CAMs) (2)
Type here to search
11:00 PM
01-May-20


File Edit View Navigate Code Refactor Run Tools VCS Window Help CAMs [C:\Users\rathi\Desktop\Python Flask Project\CAMs] - ...\templates\application.html - PyCharm
CAMs templates application.html
firebase_code
Git:
Project
app.py
firebase_code.py
home.html
home_admin.html
student_dashboard.html
application.html
CAMs C:\Users\rathi\Deskt
static
templates
application.html
circulars.html
congrats.html
home.html
home_admin.html
home_user.html
login.html
register.html
student_dashboard.
venv library root
app.py
database
firebase_code.py
README.md
External Libraries
Scratches and Consoles
<li class="headerli"><a href="{{url_for('dashboard')}}">Account</a></li>
<li class="headerli"><a href="{{url_for('logout')}}">Sign Out</a></li>

<form action="http://127.0.0.1:5000/application" method="POST">
<h2>Apply here</h2>
Please fill in this form to register!
<hr>

<input type="text" class="form-control" name="studname" placeholder="Name" required="required">

<input class="form-control" disabled name="studemail" placeholder="Email Address" required="required" type="email" value="{{emailId}}">

<input class="form-control" name="studPerc" placeholder=" % in class 12" required="required" type="text">

html body div.signup-form form div.form-group
4: Run 6: TODO 9: Version Control Terminal Python Console
Event Log
Pushed 1 commit to origin/master (2 minutes ago)
164:19 CRLF UTF-8 4 spaces Git: master Python 3.7 (CAMs) (2)
Type here to search
11:01 PM
01-May-20

Database:


```
{'Cutoff':
    {'Chemical Engineering':
        {'Current': 680,
         'Previous': 680,
         'TwoYearsPrev': 615},
     'Civil Engineering':
        {'Current': 728,
         'Previous': 700,
         'TwoYearsPrev': 750},
     'Computer Science and Engineering':
        {'Current': 940,
         'Previous': 948,
         'TwoYearsPrev': 924},
     'Electrical and Electronic Engineering':
        {'Current': 860,
         'Previous': 845,
         'TwoYearsPrev': 850},
     'Electronics and Communications Engineering':
        {'Current': 910,
         'Previous': 890,
         'TwoYearsPrev': 890}},
'application':
    {'CAMS0001':
        {'12thPercentage': '98',
         'BranchChosen': 'Computer Science and Engineering',
         'EmailId': 'divya@gmail.com',
         'Name': 'Divya Rathi',
         'Status': 'Accepted'},
     'CAMS0003':
        {'12thPercentage': '97',
         'BranchChosen': 'Civil Engineering',
         'EmailId': 'kaviya@gmail.com',
         'Name': 'Kaviya S',
         'Status': 'Rejected'},
     'CAMS0007':
        {'12thPercentage': '88',
         'BranchChosen': 'Electrical and Electronic Engineering',
         'EmailId': 'camstud@gmail.com',
         'Name': 'Cams User'}},
'credentials':
    {'CAMS0000':
        {'EmailId': 'admin@gmail.com',
```

```
     'Password': 'admin@123'},
'CAMS0001':
    {'EmailId': 'divya@gmail.com',
     'Password': 'thick'},
'CAMS0002':
    {'EmailId': 'akku@gmail.com',
     'Password': 'akshaya'},
'CAMS0003':
    {'EmailId': 'kaviya@gmail.com',
     'Password': 'senthil'},
'CAMS0004':
    {'EmailId': 'egayu3@gmail.com',
     'Password': 'gayu'},
'CAMS0005':
    {'EmailId': 'nive@gmail.com',
     'Password': 'nivedha'},
'CAMS0006':
    {'EmailId': 'test@gmail.com',
     'Password': 'test'},
'CAMS0007':
    {'EmailId': 'camstud@gmail.com',
     'Password': 'cams@123'}}}
```

THANK YOU..!!