

SPRINT 3

Date	16-11-2022
Team ID	PNT2022TMID17342
Project Name	IoT Based Smart Crop Protection System for Agriculture

1. After login the student can fill the application form and if the student has already filled the application form, then the student can view and edit the form. (application_form.html):

```
{% if hide.exists %}
```

```
<div class="container mt-4">
```

```
  <div class="row">
```

```
    <h1 style="text-align: center;">Personal Details</h1>
```

```
    <hr>
```

```
  <div class="col-md-4">
```

```
    <div class="profile-img">
```

```
      {% if user.application.student_profile.url %}
```

```
      
```

```
      {% endif %}
```

```
    </div>
```

```
  </div class="col-md-6">
```

</div>

<div class="col-md-8">

<div class="profile-tab">

<div class="tab-pane">

<div class="row">

<div class="col-md-6">

<label>Course :</label>

</div>

<div class="col-md-6">

<p>{{user.application.course}}</p>

</div>

</div>

<div class="row">

<label>Full Name
:</label>

</div>

<div class="col-md-6">

<p>{{user.application.name}}</p>

</div>

</div>

<div class="row">

<div class="col-md-6">

<label>Email ID :</label>

</div>

<div class="col-md-6">

```
<div class="col-md-6">
  <p>{{user.email}}</p>
</div>
</div>
{% if user.application.phone_no %}
<div class="row">
  <div class="col-md-6">
    <label>Phone Number :</label>
  </div>
  <div class="col-md-6">
    <p>{{user.application.phone_no}}</p>
  </div>
</div>
{% endif %}
<div class="row">
  <div class="col-md-6">
    <label>Address :</label>
  </div>
  <p>{{user.application.address}}</p>
</div>
</div>
</div>

<div class="col-md-6">
```

</div>

</div>

<hr>

<div class="container mt-4">

<div
class="row">

<h1 style="text-align: center;">Educational Details</h1>

<hr>

<div class="col-md-4">

<div class="profile-img">

<h3>10th Std Details</h3>

</div>

</div>

<div class="col-md-8">

<div class="profile-tab">

<div class="tab-pane">

<div class="row">

<div class="col-md-6">

<label>SSC Percentage :</label>

</div>

<div class="col-md-6">

<p>{{user.application.ssc_percentage}}%</p>

<div class="row">

<div class="col-md-6">

```
<div class="col-md-6">
```

```
    <label>SSC Marksheet :</label>
```

```
</div>
```

```
<div class="col-md-6">
```

```
    <p><a href="{{user.application.ssc_marksheet.url}}">View SSC  
    Marksheet</a></p>
```

```
</div>
```

```
</div>
```

```
<div class="row">
```

```
    <div class="col-md-6">
```

```
        <label>SSC Passing Certificate :</label>
```

```
    </div>
```

```
    <div class="col-md-6">
```

```
<p><a href="{{user.application.ssc_passing_certificate.url}}"> View SSC  
Passing Certificate</a></p>
```

```
</div>
```

```
</div>
```

```
{% if user.application.phone_no %}
```

```
<div class="row">
```

```
    <div class="col-md-6">
```

```
        <label>SSC Leaving Certificate :</label>
```

```
    </div>
```

```
    <div class="col-md-6">
```

```
<div class="col-md-6">
```

<p>View
SSC Leaving Certificate</p>

</div>

</div>

{% endif %}

</div>

</div>

</div>

<hr>

<div class="container mt-4">

<div class="row">

<div class="col-md-
4">

<div class="profile-img">

<h3>12th Std Details</h3>

</div>

</div>

<div class="col-md-
8">

<div class="profile-tab">

<div class="tab-pane">

<div class="row">

<div class="col-md-6">

```
<div class="col-md-6">
    <label>HSC Percentage :</label>
</div>

<div class="col-md-6">
    <p>{{user.application.hsc_percentage}}%</p>
</div>
</div>

<div class="row">
    <div class="col-md-6">
        <label>HSC Marksheet :</label>
    </div>
    <div class="col-md-6">
        <p><a href="{{user.application.hsc_marksheet.url}}">View HSC
        Marksheet</a></p>
    </div>
</div>

<div class="row">
    <div class="col-md-6">
        <label>HSC Passing Certificate :</label>
    </div>
    <div class="col-md-6">
        <p><a
href="{{user.application.hsc_passing_certificate.url}}">View HSC
Marksheet</a></p>
    </div>
</div>
```

```
</div>
</div>
{% if user.application.phone_no %}
<div class="row">
  <div class="col-md-6">
    <label>HSC Leaving Certificate :</label>
  </div>
  <div class="col-md-6">
    <p><a
href="{{user.application.hsc_leaving_certificate.url}}">View HSC Leaving
Certificate</a></p>
  </div>
</div>
{% endif %}
</div>
</div>
</div>
<hr>
```

```
<div class="col-md-6">
```



```
<div class="container
    mt-4">

    <div class="row">

    <div class="col-md-4">

        <div class="profile-img">

            <h3>CET and JEE Scorecard</h3>

            </div>

        </div>

    <div class="col-md-8">

        <div class="profile-tab">

            <div class="tab-pane">

                <br><br>

                <div class="row">

                    <div class="col-md-6">

                        <label>CET Percentile :</label>

                    </div>

                    <div class="col-md-6">

                        <p>{{user.application.cet_percentile}}</p>

                    </div>

                </div>

                <div class="row">

                    <div class="col-md-6">

                        <label>CET Scorecard :</label>

                    </div>

                    <div class="col-md-6">

                        <p><a href="{{user.application.cet_scorecard.url}}">View CET
                        Scorecard</a></p>

                    </div>

                </div>

            </div>

        </div>

    <div class="row">
```

```
<div class="col-md-6">
  <label>JEE Percentile :</label>
</div>
```

```
<div class="col-md-6">
```

```
  <p>{{user.application.jee_percentile}}</p>
```

```
</div>
```

```
</div>
```

```
{% if user.application.phone_no %}
```

```
<div class="row">
```

```
  <div class="col-md-6">
```

```
    <label>JEE Scorecard :</label>
```

```
  </div>
```

```
  <div class="col-md-6">
```

```
    <p><a href="{{user.application.jee_scorecard.url}}">View JEE
    Scorecard</a></p>
```

```
  </div>
```

```
</div>
```

```
{% endif %}
```

```
</div>
```

```
</div>
```

```
</div>
```

```
</div>
```

```
<hr>
```

```
<h4>Click here to edit the application</h4><a href="/edit_application/"
class="btn btn-secondary" style="width: 20rem;">Edit Application</a>
```

```
<br><br>
```

```
{% else %}
```

```

<div class="container mt-4">

    <form action="/addmission_form/" method="POST"
    enctype="multipart/form-data"> {% csrf_token
    %}
    {{form.as_p}}

    <button type="submit">Submit</button>

</form>

</div>

{% endif %}

```

Views.py :

```

def application_form(request):
    hide =

    Application.objects.filter(user=request.
    user) if request.method=="POST":
        form = ApplicationForm(request.POST,
        request.FILES) if form.is_valid():
            application =
            form.save()
            application.user =
            request.user
            application.save()
            return render(request,
            "application_form.html") else:
                form=ApplicationForm()
            return render(request, "application_form.html", {
            'form':form,'hide':hide})

```

Code Explanation:

After the student is logged in, he/she can fill the application form on python college admission system and upload all the original documents asked in the application form.

```
hide = Application.objects.filter(user=request.user)
```

We then check that the logged in students application already exists or not and save it in the “hide” variable. Then the “hide” variable is used in the templates as follows:

```
{% if hide.exists %}
```

This means that the logged in student has already filled the application form so the whole application filled by the particular student will be displayed with an edit option. If this condition fails, that is the logged in student has not filled the application form, then the else statement will get executed, that is the entire form will be displayed on python college admission system.

2. Status of the application (status.html):

```
<div class="container w-50 mt-4 shadow">  
<h3>Your application is {{application.Application_Status}}</h3>  
<br>  
<h5>{{application.message}}</h5>  
</div>
```

Views.py:

```
def status(request):  
    application = Application.objects.get(user=request.user)  
    return render(request, "status.html",
```

```
{'application':application})
```

Code Explanation:

After successfully submitting the application form, the student can check the status of the form by navigating to the application status option given on the navigation bar. At first the status will be pending, as pending status is given as default in the models.py. After viewing the application form the admin can change the status of the application only. The admin can change the status from Pending to Approved or Rejected depending upon the student's application form. Lastly, the status will get displayed with a message if any.