

'''

Experiment 09 : Creating web application using Django web framework to demonstrate functionality of user login and registration (also validating user detail using regular expression).

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Academic Year : 2021-22

'''

```
from django.db import models
```

```
from django.contrib.auth.models import User
```

```
# Create your models here.
```

```
class Faculty(models.Model):
```

```
    first_name= models.CharField(max_length=15)
```

```
    last_name= models.CharField(max_length=15)
```

```
    username= models.CharField( max_length=50)
```

```
    password=models.CharField( max_length=15)
```

```
    email =models.EmailField( max_length=254)
```

```
    def __str__(self):
```

```
        return self.first_name
```

```
class student_profile(models.Model):
```

```
    full_name=models.CharField( max_length=50,default="")
```

```
    Roll_no=models.CharField(max_length=10,unique=True)
```

```
    mobile_no=models.BigIntegerField(null=True)
```

```
    address=models.CharField( max_length=100,null=True)
```

```
    birthdate = models.DateField(blank=True, null=True )
```

```
    image=models.ImageField( upload_to="student/images", height_field=None, width_field=None,
max_length=None,default="")
```

```
    # clas=models.TextField(max_length=50)
```

```
    # dept=models.TextField(max_length=50,default="")
```

```
    mentor=models.TextField(max_length=50,default="",null=True)
```

```
travel=models.IntegerField(default="")
maths=models.FloatField(default=00.00)
algo=models.FloatField(default=00.00)
operating=models.FloatField(default=00.00)
micro=models.FloatField(default=00.00)
dbms=models.FloatField(default=00.00)
cgpa=models.CharField(max_length=10,default="")
attendance=models.FloatField(default=00.00)
bloodgroup=models.CharField( max_length=5,default='O+')
language=models.TextField(max_length=50,default="")
internship=models.TextField(max_length=50,default="")
health=models.TextField(default="")
familymember=models.IntegerField(default=0)
annualin=models.CharField(max_length=12,default=0)
areaofinterest=models.TextField(max_length=50,default="")
fatheroccupation=models.TextField(max_length=50,default="")
connect=models.ForeignKey(User, blank=True,null=True, on_delete=models.CASCADE)

def __str__(self):
    return str(self.Roll_no)
```