STUDENT ASSIGNMENT SUBMISSION PORTAL

Project Based Lab Report Submitted in partial fulfilment of the requirements for the award of the degree of

BACHELOR OF TECHNOLOGY IN ECM

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CERTIFICATE

This is to certify that the **Web Programming with Python and Django** project based lab report entitled "STUDENT ASSIGNMENT SUBMISSION PORTAL" submitted by **P.MADHURI BINDHU SUDHA**(190050050), **P.SUNIL**(190050051), **P.LAXMI DURGA**(190050052)in partial fulfillment of the requirements for the award of the Degree **Bachelor of Technology** in "**Electronics** & **Computer Engineering**" is a bonafied record of the work carried out under our guidance and supervision at KL Deemed to be University during the academic year 2021-2022.

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ABSTRACT

There are many systems that give the ability to submit an assignment online, in an easy method for the student and the lecturer who will receive and evaluate the student work. And it gives the ability for the student to submit the assignment from different locations served by internet. This project is aimed at downloading and uploading online assignments for students, with each assignment having information about the instructions, description, deadline, and submission details. The main goal of this project is to design and implement online assignment submission and provide an interface use for uploading assignments to the students by lecturers, who would be able to evaluate assignments. The system provides an interface for testing assignments such that they can be plugged in by the lecturers. The most obvious advantage offered by online student assignment submission portal is that it offers faster transmission of assignments than using traditional way by using online system. The interface uses to invoke different testing program by teachers, so save the time and cost for teachers by enabling them to put up a fast response for students as well as increasing the quality of the feedback provided to students.

PROJECT DESCRIPTION:

The traditional approaches used in the submission and management of student assessment encounters many problems, especially in a distance education setting. In traditional system of assignments submission, the student should submit a hard copy of the assignment in a fixed due date either in class or at the lecturer office, this process is a very time taken and effort consuming operation, and it also needs extra cost. In the other side the lecturer must preserve a space to arrange all assignments, and it will take a huge space every semester, this process require the lecturer to spend extra time to organize each assignment. This all problems will solve by developing the online student assignment submission portal.

The online student assignment submission portal gives interface for lectures to add assignments and to evaluate the student submitted assignments. And also, it gives the interface for students to download the assignment which is uploaded by the lecture, and they can easily submit that particular assignment before the deadline from any place via the internet. And both the lecturers and students will have the login credentials for login. And the Admin will have the interface to monitor all students, lectures and also the assignments.

SOFTWARE REQUIREMENT:

PYCHARM:

PyCharm is an integrated development environment (IDE) used in computer programming, specifically for the Python language. It is developed by the Czech company JetBrains (formerly known as IntelliJ). It provides code analysis, a graphical debugger, an integrated unit tester, integration with version control systems (VCSes), and supports web development with Django as well as data science with Anaconda.

PyCharm is cross-platform, with Windows, macOS and Linux versions. The Community Edition is released under the Apache License, and there is also Professional Edition with extra features – released under a proprietary license.

TECHNOLOGIES USED(HTML, CSS): HTML:

HTML is used to create electronic documents (called pages) that are displayed on the World Wide Web. Each page contains a series of connections to other pages called hyperlinks. Every web page you see on the Internet is written using one version of HTML code or another. HTML code ensures the proper formatting of text and images so that your Internet browser may display them as they are intended to look. Without HTML, a browser would not know how to display text as elements or load images or other elements.

HTML5 is the update made to HTML from HTML4 (XHTML follows a different version numbering scheme). It uses the same basic rules as HTML4, but adds some new tags and attributes which allow for better semantics and for dynamic elements that are activated using JavaScript. New elements include section, , , , , , . There are also new input types for forms, which include tel, search, url, email, datetime, date, month, week, time, number, range and colour.

CSS:

Cascading style sheets are used to format the layout of Web pages. They can be used to define text styles, table sizes, and other aspects of Web pages that previously could only be defined in a page's HTML.

CSS helps Web developers create a uniform look across several pages of a Web site. Instead of defining the style of each table and each block of text within a page's HTML, commonly used styles need to be defined only once in a CSS document. Once the style is defined in cascading style sheet, it can be used by any page that references the CSS file. Plus, CSS makes it easy to change styles across several pages at once. If the pages all reference the same style sheet, the text size only needs to be changed on the style sheet and all the pages will show the larger text.

While CSS is great for creating text styles, it is helpful for formatting other aspects of Web page layout as well. For example, CSS can be used to define the cell padding of table cells, the style, thickness, and color of a table's border, and the padding around images or other objects. CSS gives Web developers more exact control over how Web pages will look than HTML does. Therefore,most Web pages today incorporate cascading style sheets.

DATABASE DESIGN:

PostgreSQL:

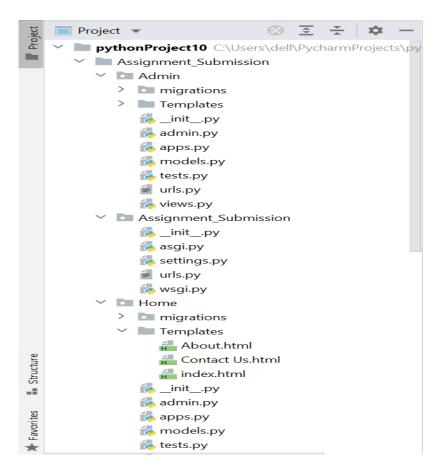
PostgreSQL is a powerful, open source object-relational database system that uses and extends the SQL language combined with many features that safely store and scale the most complicated data workloads. PostgreSQL comes with many features aimed to help developers build applications, administrators to protect data integrity and build fault-tolerant environments, and help you manage your data no matter how big or small the dataset. In addition to being free and open source, PostgreSQL is highly extensible. For example, you can define your own data types, build out custom functions, even write code from different programming languages without recompiling your database.

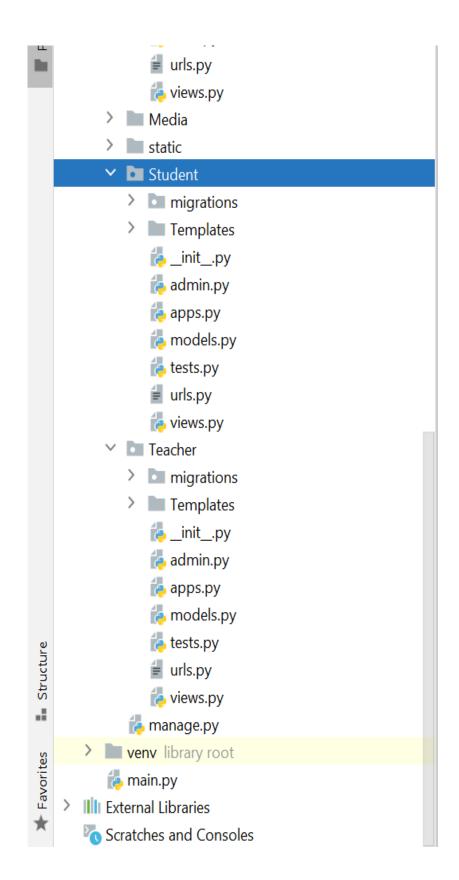
PostgreSQL tries to conform with the SQL standard where such conformance does not contradict traditional features or could lead to poor architectural decisions. Many of the features required by the SQL standard are supported, though sometimes with slightly differing syntax or function. Further moves towards conformance can be expected over time.

- Data Types
 - o Primitives: Integer, Numeric, String, Boolean
 - o Structured: Date/Time, Array, Range / Multirange, UUID
 - o Document: JSON/JSONB, XML, Key-value (Hstore)
 - o Geometry: Point, Line, Circle, Polygon
 - Customizations: Composite, Custom Types
- Data Integrity
 - UNIQUE, NOT NULL
 - Primary Keys
 - Foreign Keys
 - Exclusion Constraints
 - Explicit Locks, Advisory Locks
- Concurrency, Performance
 - o Indexing: B-tree, Multicolumn, Expressions, Partial
 - Advanced Indexing: GiST, SP-Gist, KNN Gist, GIN, BRIN, Covering indexes, Bloom filters
 - Sophisticated query planner / optimizer, index-only scans, multicolumn statistics
 - o Transactions, Nested Transactions (via savepoints)
 - Multi-Version concurrency Control (MVCC)
 - o Parallelization of read queries and building B-tree indexes
 - o Table partitioning
 - o All transaction isolation levels defined in the SQL standard, including Serializable
 - o Just-in-time (JIT) compilation of expressions
- Reliability, Disaster Recovery
 - Write-ahead Logging (WAL)

- o Replication: Asynchronous, Synchronous, Logical
- o Point-in-time-recovery (PITR), active standbys
- Tablespaces
- Security
 - o Authentication: GSSAPI, SSPI, LDAP, SCRAM-SHA-256, Certificate, and more
 - Robust access-control system
 - o Column and row-level security
 - o Multi-factor authentication with certificates and an additional method
- Extensibility
 - Stored functions and procedures
 - o Procedural Languages: PL/PGSQL, Perl, Python (and many more)
 - o SQL/JSON path expressions
 - Foreign data wrappers: connect to other databases or streams with a standard SQL interface
 - Customizable storage interface for tables
 - o Many extensions that provide additional functionality, including PostGIS
- Internationalisation, Text Search
 - o Support for international character sets, e.g. through ICU collations
 - o Case-insensitive and accent-insensitive collations
 - Full-text search

PROJECT STRUCTURE:





Code:

Assignment_Submission/settings.py:

```
from pathlib import Path
import os
DEBUG = True
ALLOWED_HOSTS = []
INSTALLED_APPS = [
  # my aap -----
  'Home.apps.HomeConfig',
  'Student.apps.StudentConfig',
  'Admin.apps.AdminConfig',
  'Teacher.apps.TeacherConfig',
  # -----
  'django.contrib.admin',
  'django.contrib.auth',
  'django.contrib.contenttypes',
  'django.contrib.sessions',
  'django.contrib.messages',
  'django.contrib.staticfiles',
MIDDLEWARE = [
  'django.middleware.security.SecurityMiddleware',
  'django.contrib.sessions.middleware.SessionMiddleware',
  'django.middleware.common.CommonMiddleware',
  'django.middleware.csrf.CsrfViewMiddleware',
  'django.contrib.auth.middleware.AuthenticationMiddleware',
  'django.contrib.messages.middleware.MessageMiddleware',
  'django.middleware.clickjacking.XFrameOptionsMiddleware',
ROOT URLCONF = 'Assignment Submission.urls'
TEMPLATES = [
    'BACKEND': 'django.template.backends.django.DjangoTemplates',
    'DIRS': [os.path.join(BASE_DIR, 'Templates')],
    'APP_DIRS': True,
    'OPTIONS': {
```

```
'context_processors': [
         'django.template.context_processors.debug',
         'django.template.context_processors.request',
         'django.contrib.auth.context_processors.auth',
        'django.contrib.messages.context_processors.messages',
      1,
    },
  },
WSGI_APPLICATION = 'Assignment_Submission.wsgi.application'
DATABASES = {
  'default': {
    'ENGINE': 'django.db.backends.postgresql',
    'NAME': 'Assignment Submission',
    'USER': 'postgres',
    'PASSWORD': 'Sunil@2000',
    'HOST': 'localhost',
AUTH_PASSWORD_VALIDATORS = [
    'NAME': 'django.contrib.auth.password_validation.UserAttributeSimilarityValidator',
    'NAME': 'django.contrib.auth.password_validation.MinimumLengthValidator',
    'NAME': 'django.contrib.auth.password_validation.CommonPasswordValidator',
  },
    'NAME': 'django.contrib.auth.password_validation.NumericPasswordValidator',
  },
LANGUAGE_CODE = 'en-us'
TIME ZONE = 'UTC'
```

```
USE_I18N = True

USE_L10N = True

USE_TZ = True

STATIC_URL = '/static/'

STATICFILES_DIRS = [os.path.join(BASE_DIR, 'static')]

MEDIA_URL = '/Media/'

MEDIA_ROOT = os.path.join(BASE_DIR, 'Media')

DEFAULT_AUTO_FIELD = 'django.db.models.BigAutoField'
```

Assignment_Submission/urls.py:

```
from django.contrib import admin
from . import settings
from django.urls import path, include
from django.contrib.staticfiles.urls import static
from django.contrib.staticfiles.urls import staticfiles_urlpatterns

urlpatterns = [
    path('admin/', admin.site.urls),
    path(", include('Home.urls')),
    path('Student/', include('Student.urls')),
    path('Admin/', include('Admin.urls')),
    path('Teacher/', include('Teacher.urls')),

]

urlpatterns += staticfiles_urlpatterns()
urlpatterns += static(settings.MEDIA_URL, document_root=settings.MEDIA_ROOT)
```

Admin/admin.py:

from django.contrib import admin

Register your models here. from .models import Subject, Assignment

```
admin.site.register(Subject)
admin.site.register(Assignment)
```

Admin/models.py:

```
from django.db import models

class Subject(models.Model):
   Subject_Name = models.CharField(max_length=200)
   Subject_Description = models.CharField(max_length=200)

class Assignment(models.Model):
   Subject_Name = models.CharField(max_length=200)
   Assignment_Title = models.CharField(max_length=200)
   Assignment_Description = models.CharField(max_length=200)
   File_Name = models.CharField(max_length=200)
   Assignment_File = models.CharField(max_length=200)
   Due_Date = models.CharField(max_length=200)
```

Admin/urls.py:

```
from django.conf import settings
from django.urls import path
from . import views
from django.contrib import admin
from django.contrib.staticfiles.urls import static
from django.contrib.staticfiles.urls import staticfiles_urlpatterns
urlpatterns = [
  path('Admin_Home', views.Admin_Home, name='Admin_Home'),
  path('Add User', views.Add User, name='Add User'),
  path('Student_Signup', views.Student_Signup, name='Student_Signup'),
  path('Teacher_Signup', views.Teacher_Signup, name='Teacher_Signup'),
  path('Add_Admin', views.Add_Admin, name='Add_Admin'),
  path('Update_Password', views.Update_Password, name='Update_Password'),
  path('change_pass', views.change_pass, name='change_pass'),
  path('Student Report', views.Student Report, name='Student Report'),
  path('Student_delete_selected_row', views.Student_delete_selected_row,
        name='Student delete selected row'),
  path('Student_update', views.Student_update, name='Student_update'),
  path('Student Record update', views.Student Record update, name='Student Record update'),
```

```
path('Teacher Report', views.Teacher Report, name='Teacher Report'),
  path('Teacher_delete_selected_row', views.Teacher_delete_selected_row),
  path('Teacher_update', views.Teacher_update, name='Teacher_update'),
  path('Teacher_Record_update', views.Teacher_Record_update, name='Teacher_Record_update'),
  # Admin Report
  path('Admin_Report', views.Admin_Report, name='Admin_Report'),
  # Admin record delete
  # path('Admin_delete_selected_row', views.Admin_delete_selected_row),
  # Add Subject
  path('Add_Subject_P', views.Add_Subject_P, name='Add_Subject_P'),
  path('Add_Subject', views.Add_Subject, name='Add_Subject'),
  # Add Assignment
  path('Add assignment p', views. Add assignment p, name='Add assignment p'),
  path('Add_Assignment', views.Add_Assignment, name='Add_Assignment'),
1
urlpatterns += staticfiles_urlpatterns()
urlpatterns += static(settings.MEDIA_URL, document_root=settings.MEDIA_ROOT)
Admin/views.py:
from django.core.files.storage import FileSystemStorage
from django.shortcuts import render
from Home.models import Teacher, Student, Admin
from Home.views import *
from .models import Subject, Assignment
def Admin_Home(request):
  if request.session.has key('admin email'):
    a = request.session['admin_email']
    return render(request, 'Admin_Home.html', {'msg': a})
  else:
    return render(request, 'index.html')
def Add_User(request):
  if request.session.has key('admin email'):
    a = request.session['admin_email']
```

```
return render(request, 'Add User.html', {'msg': a})
  else:
    return render(request, 'Home.html')
# -----Add Student -----
def Student Signup(request):
  Name = request.POST['nm']
  Email = request.POST['email']
  Password = request.POST['password']
  Gender = request.POST['gen']
  Mobile = request.POST['mob']
  DOB = request.POST['dob']
  Course = request.POST['co']
  signup_obj = Student(Name=Name, Email=Email, Password=Password, Gender=Gender,
Mobile=Mobile, DOB=DOB, Course=Course)
  signup_obj.save()
  return render(request, 'Add_User.html', {"msgs": "Signup Successfully"})
# ------Add Teacher-----
def Teacher_Signup(request):
  Name = request.POST['nm']
  Email = request.POST['email']
  Password = request.POST['password']
  Gender = request.POST['gen']
  Mobile = request.POST['mob']
  DOB = request.POST['dob']
  Subject = request.POST['su']
  signup obj = Teacher(Name=Name, Email=Email, Password=Password, Gender=Gender,
Mobile=Mobile, DOB=DOB, Subject=Subject)
  signup_obj.save()
  return render(request, 'Add_User.html', {"Tmsg": "Signup Successfully"})
# -----Add Admin--
def Add Admin(request):
  Emailid = request.POST['Aem']
  Password = request.POST['Apw']
  Add_obj = Admin(Emailid=Emailid, Password=Password)
  Add_obj.save()
  return render(request, 'Add_User.html', {"Amsg": "Signup Successfully"})
```

```
# -----Admin UPDATE PASSWORD-----
def Update_Password(request):
  if request.session.has_key('admin_email'):
    ems = request.session['admin_email']
    return render(request, 'UpdatePassword.html', {'msg1': ems})
    return render(request, 'Home.html')
def change_pass(request):
  if request.session.has_key('admin_email'):
    Current_user = request.session['admin_email']
    Old_Password = request.POST['Old_p']
    New Password = request.POST['New p']
    Confirm_Password = request.POST['Confirm_p']
    signup_objj = Admin.objects.filter(Emailid=Current_user, Password=Old_Password)
    data len = len(signup objj)
    if data len == 1:
       if New_Password == Confirm_Password:
         for my in signup objj:
           Login_id = my.id
           signup obj1 = Admin.objects.get(id=Login id)
           signup_obj1.Password = New_Password
signup_obj1.save()
           return render(request, 'Home.html', {'set_msg1': 'Password Changed
Successfully' })
       else:
         return render(request, 'UpdatePassword.html', {'msg11': 'New and Confirm Password
does not match !'})
    else:
       return render(request, 'UpdatePassword.html', {'msg22': 'Old Password Incorrect'})
  else:
    return render(request, 'Home.html')
# Student Report -----code-----
def Student Report(request):
  if request.session.has key('admin email'):
    data_obj = request.session['admin_email']
    data obj = Student.objects.all()
    return render(request, 'Studentreport.html', {'data': data_obj})
  else:
    return render(request, 'Home.html')
```

```
# Record Delete
def Student_delete_selected_row(request):
  if request.session.has_key('admin_email'):
    signup_obj = request.session['admin_email']
    reg_id = request.GET['id']
    signup_obj = Student(id=reg_id)
    signup_obj.delete()
    signup obj = Student.objects.all()
    return render(request, 'Studentreport.html', {'data': signup_obj})
  else:
    return render(request, 'Home.html')
# Update page
def Student_update(request):
  if request.session.has_key('admin_email'):
    signup_obj = request.session['admin_email']
    Login id = request.GET['id']
    signup_obj = Student.objects.all().filter(id=Login_id)
    return render(request, 'Studentupdate.html', {'data': signup_obj})
  else:
    return render(request, 'Home.html')
# student record update
def Student_Record_update(request):
  if request.session.has key('admin email'):
    a = request.session['admin_email']
    reg_id = request.POST['id']
    Name = request.POST['nm']
     Email = request.POST['email']
     Gender = request.POST['gen']
    signup_obj1 = Student.objects.get(id=reg_id)
    signup_obj1.Name = Name
    signup_obj1.Gender = Gender
    signup obj1.save()
    signup_obj1 = Student.objects.all()
    return render(request, 'Studentupdate.html', {'data': signup_obj1})
  else:
    return render(request, 'Home.html')
# Teacher Report -----code-----
def Teacher_Report(request):
```

```
if request.session.has key('admin email'):
    data_obj = request.session['admin_email']
    data_obj = Teacher.objects.all()
    return render(request, 'TeacherReport.html', {'data': data_obj})
  else:
    return render(request, 'Home.html')
# Teacher Record Delete
def Teacher_delete_selected_row(request):
  if request.session.has_key('admin_email'):
    signup_obj = request.session['admin_email']
    reg_id = request.GET['id']
    signup_obj = Student(id=reg_id)
    signup_obj.delete()
    signup_obj = Teacher.objects.all()
    return render(request, 'TeacherReport.html', {'data': signup_obj})
  else:
    return render(request, 'Home.html')
# Teacher Update page
def Teacher update(request):
  if request.session.has_key('admin_email'):
    signup_obj = request.session['admin_email']
    Login_id = request.GET['id']
    signup_obj = Teacher.objects.all().filter(id=Login_id)
    return render(request, 'Teacherupdate.html', {'data': signup_obj})
  else:
    return render(request, 'Home.html')
# Teacher record update
def Teacher_Record_update(request):
  if request.session.has_key('admin_email'):
    a = request.session['admin_email']
    reg_id = request.POST['id']
    Name = request.POST['nm']
     Email = request.POST['email']
     Gender = request.POST['gen']
    signup_obj1 = Teacher.objects.get(id=reg_id)
    signup_obj1.Name = Name
    signup_obj1.Gender = Gender
     signup obj1.save()
    signup_obj1 = Teacher.objects.all()
```

```
return render(request, 'Teacherreport.html', {'data': signup_obj1})
  else:
    return render(request, 'Home.html')
# Admin Report -----code-----
def Admin_Report(request):
  if request.session.has_key('admin_email'):
    data_obj = request.session['admin_email']
    data_obj = Admin.objects.all()
    return render(request, 'AdminReport.html', {'data': data_obj})
  else:
    return render(request, 'Home.html')
# Add Subject-----
def Add_Subject_P(request):
  if request.session.has_key('admin_email'):
    subject = request.session['admin_email']
    return render(request, 'Add Subject.html', {'data': subject})
  else:
    return render(request, 'Home.html')
def Add_Subject(request):
  Subject_Name = request.POST['sn']
  Subject_Description = request.POST['sd']
  signup_obj = Subject(Subject_Name=Subject_Name, Subject_Description=Subject_Description)
  signup_obj.save()
  return render(request, 'Add Subject.html', {"msgs": "Subject Added Successfully"})
# Add Assignment-----
def Add_assignment_p(request):
  if request.session.has key('admin email'):
    subject = request.session['admin email']
    return render(request, 'Add_Assignment.html', {'data': subject})
  else:
    return render(request, 'Home.html')
def Add_Assignment(request):
  if request.session.has key('admin email'):
    ems = request.session['admin_email']
```

```
if request.method == 'POST' and request.FILES['ass stu']:
       Subject_Name = request.POST['SN']
       Assignment_Title = request.POST['AT']
       Assignment_Description = request.POST['AD']
       Due Date = request.POST['DD']
       filedata = request.FILES['ass_stu']
       st = FileSystemStorage()
       filename = st.save(filedata.name, filedata)
       my_file_uploaded_url = st.url(filename)
       data_obj = Assignment(Subject_Name=Subject_Name,
Assignment_Title=Assignment_Title,
                   Assignment_Description=Assignment_Description, Due_Date=Due_Date,
                   Assignment_File=my_file_uploaded_url, File_Name=filename)
       data_obj.save()
       return render(request, 'Add_Assignment.html', {'ass': data_obj})
  else:
    return render(request, 'Home.html')
Home/admin.py:
from django.contrib import admin
# Register your models here.
from .models import Admin, Student, Teacher
admin.site.register(Admin)
admin.site.register(Student)
admin.site.register(Teacher)
Home/models.py:
from django.db import models
# Admin Login
class Admin(models.Model):
  Emailid = models.CharField(max length=200)
  Password = models.CharField(max_length=200)
class Student(models.Model):
  Name = models.CharField(max length=200)
  Email = models.CharField(max_length=200)
  Password = models.CharField(max length=200)
  Gender = models.CharField(max_length=200)
```

```
Mobile = models.CharField(max_length=200)
DOB = models.CharField(max_length=200)
Course = models.CharField(max_length=200)
Image = models.CharField(max_length=200)

class Teacher(models.Model):
Name = models.CharField(max_length=200)
Email = models.CharField(max_length=200)
Password = models.CharField(max_length=200)
Gender = models.CharField(max_length=200)
Mobile = models.CharField(max_length=200)
DOB = models.CharField(max_length=200)
Subject = models.CharField(max_length=200)
Image = models.CharField(max_length=200)
```

Home/urls.py:

```
from django.contrib import admin
from django.urls import path
from . import views
urlpatterns = [
  path(", views.home_page, name='home'),
  path('About', views. About Page, name='About'),
  path('Contact Us', views.Contact_Page, name='Contact Us'),
  # Admin-----
  path('Admin Login', views.Admin Login, name='Admin Login'),
  path('Admin_', views.Admin_, name='Admin_'),
  path('Admin_Logout', views.Admin_Logout, name='Admin_Logout'),
  # Student-----
  path('Student_Signup', views.Save_signup, name='Student_Signup'),
  path('Student Login', views.Student Login, name='Student Login'),
  path('Student_', views.Student_, name='Student_'),
  path('Student Logout', views.Student Logout, name='Student Logout'),
  # Teacher-----
  path('Teacher_Signup', views.Teacher_signup, name='Teacher_Signup'),
  path('Teacher_Login', views.Teacher_Login, name='Teacher_Login'),
  path('Teacher_', views.Teacher_, name='Teacher_'),
  path('Teacher_Logout', views.Teacher_Logout, name='Teacher_Logout'),
```

Home/views.py:

```
from .models import *
from django.shortcuts import render, redirect
def home_page(request):
  return render(request, 'index.html')
def About_Page(request):
  return render(request, 'About.html')
def Contact_Page(request):
  return render(request, 'Contact Us.html')
# -----Admin-----
def Admin_Login(request):
  if request.POST:
    Email = request.POST['em']
    request.session['admin email'] = Email
    Password = request.POST['pw']
    request.session['mypass'] = Password
    admin_obj = Admin.objects.filter(Emailid=Email, Password=Password)
    data_len = len(admin_obj)
    if data_len == 1:
       return redirect('Admin_')
    else:
       return render(request, 'index.html', {'msg': 'Invalid Login Details'})
  else:
    return render(request, 'index.html')
def Admin_(request):
  if request.session.has_key('admin_email'):
    a = request.session['admin_email']
    return render(request, 'Admin_Home.html', {'msg': a})
  else:
    return render(request, 'index.html')
# -----Admin Logout-----
def Admin_Logout(request):
  if request.session.has_key('admin_email'):
```

```
del request.session['admin email']
    return render(request, 'index.html')
  else:
    return render(request, 'index.html')
# -----Student_Login-----
def Student_Login(request):
  if request.POST:
    Email = request.POST['em']
    request.session['Student email'] = Email
    Password = request.POST['pw']
    request.session['mypassword'] = Password
    signup_obj = Student.objects.filter(Email=Email, Password=Password)
    data_len = len(signup_obj)
    if data_len == 1:
       return redirect('Student_')
    else:
       return render(request, 'index.html', {'msgg': 'Invalid Login Details'})
else:
    return render(request, 'index.html')
def Student_(request):
  if request.session.has_key('Student_email'):
    s = request.session['Student email']
    S_obj = Student.objects.filter(Email=s)
    return render(request, 'Student_Dashboard.html', {'msgS': S_obj, 'Semail': s})
  else:
    return render(request, 'index.html')
# -----Student Logout-----
def Student_Logout(request):
  if request.session.has_key('Student_email'):
    del request.session['Student email']
    return render(request, 'index.html')
  else:
    return render(request, 'index.html')
# -----Teacher_Login-----
def Teacher_Login(request):
  if request.POST:
    Email = request.POST['mail']
```

```
request.session['Teacher email'] = Email
    Password = request.POST['pwd']
    request.session['mypassword'] = Password
    signup_obj1 = Teacher.objects.filter(Email=Email, Password=Password)
    data_len = len(signup_obj1)
    if data len == 1:
       return redirect('Teacher_')
    else:
       return render(request, 'index.html', {'Mmsg': 'Invalid Login Details'})
  else:
    return render(request, 'index.html')
def Teacher_(request):
  if request.session.has_key('Teacher_email'):
    t = request.session['Teacher_email']
    T_obj = Teacher.objects.filter(Email=t)
    return render(request, 'Teacher Dashboard.html', {'msgT': T obj, 'temail': t})
  else:
    return render(request, 'index.html')
# -----Teacher Logout-----
def Teacher_Logout(request):
  if request.session.has key('Teacher email'):
    del request.session['Teacher_email']
    return render(request, 'index.html')
  else:
    return render(request, 'index.html')
Student/admin.py:
from django.contrib import admin
from .models import Student_Assignment
admin.site.register(Student_Assignment)
```

student/models.py:

```
from django.db import models
class Student Assignment(models.Model):
  Subject Name = models.CharField(max length=200)
  Assignment_Title = models.CharField(max_length=200)
  Assignment Description = models.CharField(max_length=200)
  File_Name = models.CharField(max_length=200)
  Assignment_File = models.CharField(max_length=200)
  Submission Date = models.DateTimeField(auto_now=True)
student/urls.py:
from django.conf import settings
from . import views
from django.urls import path
from django.contrib.staticfiles.urls import static
from django.contrib.staticfiles.urls import staticfiles urlpatterns
urlpatterns = [
  path('Student_dashboard', views.Student_dashboard, name='Student_dashboard'),
  path('StudentUpdate_Password', views.StudentUpdate_Password),
  path('change pass student', views.change pass student, name='change pass'),
  path('data_save', views.data_save, name='data_save'),
  path('Upload image', views.Upload image, name='Upload image'),
  path('Subject_List', views.Subject_List, name='Subject_List'),
  path('Assignment List', views. Assignment List, name='Assignment List'),
  path('download_myfile', views.download_myfile, name='download_myfile'),
  path('Submit_Assignment_P', views.Submit_Assignment_P, name='Submit_Assignment'),
  path('Submit_Assignment', views.Submit_Assignment, name='Submit_Assignment'),
  path('my account', views.my account, name='my account')
urlpatterns += staticfiles urlpatterns()
urlpatterns += static(settings.MEDIA URL, document root=settings.MEDIA ROOT)
```

Teacher/urls.py:

```
from django.contrib import admin
from django.urls import path
from . import views
urlpatterns = [
  path('Teacher_Home', views.Teacher_Home, name='Teacher_Home'),
  # Teacher update password
  path('TeacherUpdate Password', views.TeacherUpdate Password, name='TeacherUpdate Pass'),
  path('change_pass_Teacher', views.change_pass_Teacher, name='change_pass_Teacher'),
  # Student Report
  path('StudentReport', views.StudentReport, name='Student_Report'),
  # User Profile Picture Data
  path('Teacher image', views.Teacher image, name='Teacher image'),
  path('Teacher_Upload_img', views.Teacher_Upload_img, name='Teacher_Upload_img'),
  # Assignment Add
  path('Assignment_Add_p', views.Assignment_Add_p, name='Assignment_Add_p'),
  path('Assignment_Add', views.Assignment_Add, name='Assignment_Add'),
  # Subject_Add
  path('Subject_Add_P', views.Subject_Add_P, name='Subject_Add_P'),
  path('Subject_Add', views.Subject_Add, name='Subject_Add'),
  # Subject Report
  path('Subject_Report', views.Subject_Report, name='Subject_Report'),
  # Assignment Report
  path('Assignment_Report', views.Assignment_Report, name='Assignment_Report'),
# Submitted Student Assignment
  path('View_Stu_Ass', views.View_Stu_Ass, name='View_Stu_Ass'),
  path('download_Assignment_S', views.download_Assignment_S,
name='download_Assignment'),
  # my_acc----
  path('my_account', views.my_acc, name='my_account'),
1
```

Teacher/views.py:

```
import mimetypes
import os
from wsgiref.util import FileWrapper
from django.conf import settings
from django.core.files.storage import FileSystemStorage
from django.http import HttpResponse
from django.shortcuts import render
from Home.models import Teacher, Student
from Admin.models import Assignment, Subject
from Student.models import Student_Assignment
# Create your views here.
def Teacher_Home(request):
  if request.session.has key('Teacher email'):
    ems = request.session['Teacher_email']
    T_obj = Teacher.objects.filter(Email=NT)
    return render(request, 'Teacher Dashboard.html', {'msgT': T obj, 'temail': NT})
  else:
    return render(request, 'Home.html')
# -----Teacher UPDATE PASSWORD-----
def TeacherUpdate_Password(request):
  if request.session.has_key('Teacher_email'):
    ems = request.session['Teacher_email']
    return render(request, 'TeacherUpdatePassword.html', {'msg1': ems})
  else:
    return render(request, 'Home.html')
def change_pass_Teacher(request):
  if request.session.has_key('Teacher_email'):
    Current user = request.session['Teacher email']
    Old_Password = request.POST['Old_p']
    New Password = request.POST['New p']
    Confirm_Password = request.POST['Confirm_p']
    signup objt = Teacher.objects.filter(Email=Current user, Password=Old Password)
    data_len = len(signup_objt)
```

```
if data len == 1:
       if New_Password == Confirm_Password:
         for my in signup_objt:
            Login id = my.id
            signup_obj1 = Teacher.objects.get(id=Login_id)
            signup_obj1.Password = New_Password
            signup obi1.save()
            return render(request, 'Home.html', {'set_msg1': 'Password Changed
Successfully' })
       else:
         return render(request, 'TeacherUpdatePassword.html',
                  {'msg11': 'New and Confirm Password does not match !'})
    else:
       return render(request, 'TeacherUpdatePassword.html', { 'msg22': 'Old Password
Incorrect'})
  else:
    return render(request, 'Home.html')
# Student Report -----code-----
def StudentReport(request):
  if request.session.has key('Teacher email'):
    a = request.session['Teacher_email']
    data_obj = Student.objects.all()
    return render(request, 'Student_report.html', {'data': data_obj})
  else:
    return render(request, 'Home.html')
def Teacher_image(request):
  if request.session.has_key('Teacher_email'):
     ems = request.session['Teacher_email']
    Teacher data = Teacher.objects.filter(Email=ems)
    return render(request, 'Teacherpicture.html', { 'Teacher_data': Teacher_data})
  else:
    return render(request, 'Home.html')
# Teacher Image Upload
def Teacher Upload img(request):
  if request.session.has key('Teacher email'):
     ems = request.session['Teacher_email']
    if request.method == 'POST' and request.FILES['img_stu']:
       Name = request.POST['nm']
```

```
filedata = request.FILES['img stu']
       st = FileSystemStorage()
       filename = st.save(filedata.name, filedata)
       my file uploaded url = st.url(filename)
       data_obj = Teacher.objects.get(Name=Name)
       data obj.Image = my file uploaded url
       data_obj.save()
       return render(request, 'Teacherpicture.html', {'pic': data obj})
  else:
    return render(request, 'Home.html')
# Assignment Add-----
def Assignment_Add_p(request):
  if request.session.has_key('Teacher_email'):
    subject = request.session['Teacher_email']
    return render(request, 'Assignment Add.html', {'data': subject})
  else:
    return render(request, 'Teacher_Dashboard.html')
def Assignment_Add(request):
  if request.session.has_key('Teacher_email'):
    ems = request.session['Teacher_email']
    if request.method == 'POST' and request.FILES['ass_stu']:
       Subject Name = request.POST['SN']
       Assignment Title = request.POST['AT']
       Assignment_Description = request.POST['AD']
       Due Date = request.POST['DD']
       filedata = request.FILES['ass_stu']
       st = FileSystemStorage()
       filename = st.save(filedata.name, filedata)
       my_file_uploaded_url = st.url(filename)
       data_obj = Assignment(Subject_Name=Subject_Name,
Assignment Title=Assignment Title,
                    Assignment Description=Assignment Description, Due Date=Due Date,
                    Assignment File=my file uploaded url, File Name=filename)
       data_obj.save()
       return render(request, 'Assignment Add.html', {'ass': data obj})
  else:
    return render(request, 'Assignment_Add.html')
```

```
# Subject Add-----
def Subject_Add_P(request):
  if request.session.has_key('Teacher_email'):
    subject = request.session['Teacher_email']
    return render(request, 'Subject_Add.html', {'data': subject})
  else:
    return render(request, 'Teacher_Dashboard.html')
def Subject_Add(request):
  Subject Name = request.POST['sn']
  Subject_Description = request.POST['sd']
  signup_obj = Subject(Subject_Name=Subject_Name, Subject_Description=Subject_Description)
  signup_obj.save()
  return render(request, 'Subject_Add.html', {"msgs": "Subject Added Successfully"})
# Subject Report -----code-----
def Subject_Report(request):
  if request.session.has_key('Teacher_email'):
    a = request.session['Teacher_email']
    data obj = Subject.objects.all()
    return render(request, 'Subject_report.html', {'data': data_obj})
  else:
    return render(request, 'index.html')
# Assignment Report -----code-----
def Assignment_Report(request):
  if request.session.has_key('Teacher_email'):
    a = request.session['Teacher email']
    data_obj = Assignment.objects.all()
    return render(request, 'Assignment_Report.html', {'data': data_obj})
  else:
    return render(request, 'index.html')
# -----Submitted Assignment Download-----
def View_Stu_Ass(request):
  if request.session.has_key('Teacher_email'):
    a = request.session['Teacher_email']
    data_obj = Student_Assignment.objects.all()
    return render(request, 'Submitted Assignment.html', {'data': data obj})
  else:
```

```
return render(request, 'index.html')

def download_Assignment_S(request):

user_id = request GET['ids']
```

```
user_id = request.GET['ids']
  obj = Student_Assignment.objects.get(id=user_id)
  file name = obj.File Name
  file path = settings.MEDIA ROOT + '/' + file name
  file_wrapper = FileWrapper(open(file_path, 'rb'))
  file_mimetype = mimetypes.guess_type(file_path)
  response = HttpResponse(file_wrapper, content_type=file_mimetype)
  response['X-Sendfile'] = file_path
  response['Content-Length'] = os.stat(file_path).st_size
  response['Content-Disposition'] = 'attachment; filename=%s' % str(file_name)
  return response
def my_acc(request):
  if request.session.has_key('Teacher_email'):
    ems = request.session['Teacher_email']
    Teacher data = Teacher.objects.filter(Email=ems)
    return render(request, 'My_acc.html', { 'Teacher_data': Teacher_data})
  else:
    return render(request, 'Home.html')
```

index.html:

```
<!--canvas navbar-->
<nav class="navbar navbar-expand-lg fixed-top navbar-dark bg-dark" aria-label="Main
navigation">
  <div class="container-fluid">
    <a class="navbar-brand text-warning" href="#">
      <strong>Student Assignment Submission Portal</strong></a>
<button class="navbar-toggler p-0 border-0" type="button" data-bs-toggle="offcanvas"
        aria-label="Toggle navigation">
      <span class="navbar-toggler-icon"></span>
    </button>
    <div class="navbar-collapse offcanvas-collapse" id="navbarsExampleDefault">
      class="nav-item">
          <a class="nav-link active" aria-current="page" href="./">Home</a>
        class="nav-item">
          <a class="nav-link" href="#">Featured</a>
        class="nav-item">
          <a class="nav-link" href="#">FAQs</a>
        class="nav-item">
          <a class="nav-link" href="Contact Us">Contact Us</a>
        class="nav-item">
          <a class="nav-link" href="About">About</a>
        <!-- button -->
      <div class="d-flex">
```

```
<div class="btn-group me-2">
           <button type="button" class="btn btn-warning btn-outline-primary text-
dark">Login</button>
           <button type="button"
               class="btn btn-warning btn-outline-primary text-dark dropdown-toggle dropdown-
toggle-split"
               data-bs-toggle="dropdown" aria-expanded="false">
             <span class="visually-hidden">Toggle Dropdown</span>
           </button>
           <a class="dropdown-item" href="#" data-bs-toggle="modal"</li>
                 data-bs-target="#staticBackdrop1">Student Login</a>
             <a class="dropdown-item" href="#" data-bs-toggle="modal"</li>
                 data-bs-target="#staticBackdrop2">Teacher Login</a>
             <a class="dropdown-item" href="#" data-bs-toggle="modal"</li>
                 data-bs-target="#staticBackdrop3">Admin Login</a>
             \langle li \rangle
           </div>
      </div>
    </div>
  </div>
</nav>
<!---->
<div class="modal fade" id="staticBackdrop" data-bs-backdrop="static" data-bs-keyboard="false"
tabindex="-1"
  aria-labelledby="staticBackdropLabel" aria-hidden="true">
  <div class="modal-dialog">
    <div class="modal-content">
      <div class="modal-header bg-dark">
         <div class="text-center">
           <h2 class="modal-title text-warning" style="margin-left:82px;"><strong>Create Your
             Account</strong></h2>
         </div>
```

```
<button type="button" class="btn-close btn btn-warning" data-bs-dismiss="modal"
              aria-label="Close"></button>
       </div>
       <div class="modal-body">
         <form method="post" action="Student_Signup">
            {% csrf_token %}
            <div class="mb-3">
              <label class="form-label">Username</label>
              <input type="text" required class="form-control" name="nm"</pre>
                  placeholder="Choose Your Username" aria-describedby="emailHelp">
            </div>
            <div class="mb-3">
              <label for="InputEmail1" class="form-label">Email address</label>
              <input type="email" required class="form-control" name="email"</pre>
                  placeholder="Enter Your Email" aria-describedby="emailHelp">
              <div class="form-text">We'll never share your email with anyone else.
              </div>
            </div>
            <div class="mb-3">
              <label class="form-label">Password</label>
              <input type="password" required class="form-control" name="password"
                  aria-describedby="passwordHelpBlock" placeholder="Enter Your Password">
              <div id="passwordHelpBlock" class="form-text">
   Your password must be 8-20 characters long, contain letters and numbers, and must not contain
spaces, special characters, or emoji.
              </div>
            </div>
            <div class="mb-3">
              <label class="form-label">Phone Number</label>
              <input type="number" name="mob" placeholder="Enter your Mobile" required
class="form-control">
            </div>
            <div class="mb-3">
              <|abel class="form-label">Date of birth</|abel>
```

```
<input type="date" name="dob" required class="form-control">
           </div>
           <div class="mb-3">
              <label class="form-label">Course</label>
              <div class="col-sm-10">
                <select required class="form-select" name="co" aria-label="Default select</pre>
example">
                   <option value="" selected disabled>Select Your Course</option>
                   <option>Python</option>
                   <option>Web Development
                   <option>Machine Learning
                   <option>Data Science</option>
                   <option>Java</option>
                   <option>Javascript</option>
                   <option>IOT</option>
                   <option>C/C++</option>
                   <option>.Net</option>
                   <option>Cloud Computing</option>
                  <option>Networking</option>
                   <option>Android</option>
                </select>
              </div>
           </div>
 <div class="mb-3">
              <label class="form-label">Gender</label>
              <div class="col-sm-10">
                <div class="form-check form-check-inline">
                  <input class="form-check-input" required type="radio" name="gen"</pre>
                      value="Male">
                  <label class="form-check-label">Male</label>
                </div>
                <div class="form-check form-check-inline">
                  <input class="form-check-input" type="radio" name="gen"</pre>
                      value="Female">
                  <label class="form-check-label">Female</label>
                </div>
              </div>
           </div>
```

```
</div>
       <div class="modal-footer justify-content-center bg-dark">
         <button type="submit" class="modal-title btn btn-warning btn-outline-primary text-
dark">
            Sign up
         </button>
       </div>
       </form>
    </div>
  </div>
</div>
{ % if msgs % }
<script>alert('Signup successfully');</script>
<!--<script>window.location='home';</script>-->
{ % end if % }
<!-- Student signup modal end -->
<!--Teacher Signup modal-->
<div class="modal fade" id="staticBackdrop0" data-bs-backdrop="static" data-bs-keyboard="false"</pre>
tabindex="-1"
   aria-labelledby="staticBackdropLabel" aria-hidden="true">
  <div class="modal-dialog">
    <div class="modal-content">
       <div class="modal-header bg-dark">
         <div class="text-center">
            <h2 class="modal-title text-warning" style="margin-left:82px;"><strong>Create Your
              Account</strong></h2>
         </div>
         <button type="button" class="btn-close btn btn-warning" data-bs-dismiss="modal"
              aria-label="Close"></button>
       </div>
<div class="modal-body">
         <form method="post" action="Teacher_Signup">
            {% csrf_token %}
```

```
<div class="mb-3">
              <label class="form-label">Username</label>
              <input type="text" required class="form-control" name="nm"</pre>
                  placeholder="Choose Your Username" aria-describedby="emailHelp">
            </div>
            <div class="mb-3">
              <label for="InputEmail1" class="form-label">Email address</label>
              <input type="email" required class="form-control" id="InputEmail1" name="email"</pre>
                  placeholder="Enter Your Email" aria-describedby="emailHelp">
              <div id="emailHelp" class="form-text">We'll never share your email with anyone
else.
              </div>
            </div>
            <div class="mb-3">
              <label class="form-label">Password</label>
              <input type="password" required class="form-control" name="password"</pre>
                  aria-describedby="passwordHelpBlock" placeholder="Enter Your Password">
              <div class="form-text">
                 Your password must be 8-20 characters long, contain letters and numbers, and
must not contain spaces, special characters, or emoji.
              </div>
            </div>
            <div class="mb-3">
              <label class="form-label">Phone Number</label>
              <input type="number" name="mob" placeholder="Enter your Mobile" required
class="form-control">
            </div>
            <div class="mb-3">
              <label class="form-label">Date of birth</label>
              <input type="date" name="dob" required class="form-control">
            </div>
            <div class="mb-3">
              <label class="form-label">Subjects</label>
              <div class="col-sm-10">
                 <select required class="form-select" name="su" aria-label="Default select</pre>
```

```
example">
                  <option value="" selected disabled>Select Your Subject
                  <option>Python</option>
                  <option>Web Development
                  <option>Machine Learning
                  <option>Data Science/option>
                  <option>Java</option>
                  <option>Javascript</option>
                  <option>IOT</option>
                  <option>C/C++</option>
                  <option>.Net</option>
                  <option>Cloud Computing</option>
                  <option>Networking</option>
                  <option>Android</option>
                </select>
              </div>
           </div>
           <div class="mb-3">
              <label class="form-label">Gender</label>
              <div class="col-sm-10">
                <div class="form-check form-check-inline">
                  <input class="form-check-input" required type="radio" name="gen"</pre>
                      id="inlineRadio1" value="Male">
                  <label class="form-check-label" for="inlineRadio1">Male</label>
                </div>
                <div class="form-check form-check-inline">
                  <input class="form-check-input" type="radio" name="gen"</pre>
                      id="inlineRadio2" value="Female">
                  <label class="form-check-label" for="inlineRadio2">Female</label>
                </div>
              </div>
           </div>
      </div>
       <div class="modal-footer justify-content-center bg-dark">
         <button type="submit" class="modal-title btn btn-warning btn-outline-primary text-
dark">
           Sign up
         </button>
       </div>
```

```
</form>
    </div>
  </div>
</div>
{ % if Tmsg % }
<script>alert('Signup successfully');</script>
<!--<script>window.location='home';</script>-->
{ % endif % }
<!--Student Sign in Modal -->
<div class="modal fade" id="staticBackdrop1" data-bs-backdrop="static" data-bs-keyboard="false"
tabindex="-1,aria-labelledby="staticBackdropLabel" aria-hidden="true">
<div class="modal-dialog">
     <div class="modal-content">
       <div class="modal-header bg-dark">
         <h3 class="modal-title text-warning" style="margin-left:135px;">
            <strong>Student Login</strong></h3>
         <button type="button" class="btn-close btn-warning" data-bs-dismiss="modal" aria-
label="Close"></button>
       </div>
       <div class="modal-body">
         <form method="post" action="Student Login">
            {% csrf_token %}
            <div class="mb-3">
              <label class="form-label">Username or Email</label>
              <input type="email" required class="form-control" name="em"</pre>
                  placeholder="Username or Email" aria-describedby="emailHelp">
            </div>
            <div class="mb-3">
              <label class="form-label">Password</label>
              <input type="password" required class="form-control" name="pw"
                  aria-describedby="passwordHelpBlock" placeholder="Enter Your Password">
```

```
</div>
       </div>
       <div class="modal-footer bg-dark justify-content-center">
         <button type="submit" class="btn btn-warning btn-outline-primary text-dark">
            Login
         </button>
       </div>
       </form>
       {% if msgg %}
       <script>alert('Invalid Username or Password');</script>
       {% endif %}
     </div>
  </div>
</div>
<!--Teacher Sign in Modal -->
<div class="modal fade" id="staticBackdrop2" data-bs-backdrop="static" data-bs-keyboard="false"</pre>
tabindex="-1"
   aria-labelledby="staticBackdropLabel" aria-hidden="true">
  <div class="modal-dialog">
     <div class="modal-content">
       <div class="modal-header bg-dark">
         <h3 class="modal-title text-warning" style="margin-left:138px;"><strong>Teacher
Login</strong></h3>
         <button type="button" class="btn-close btn-warning" data-bs-dismiss="modal" aria-
label="Close"></button>
       </div>
       <div class="modal-body">
         <form method="post" action="Teacher_Login">
            {% csrf_token %}
            <div class="mb-3">
              <label class="form-label">Username or Email</label>
              <input type="email" required class="form-control" name="mail"
                  placeholder="Username or Email" aria-describedby="emailHelp">
            </div>
```

```
<div class="mb-3">
              <label class="form-label">Password</label>
              <input type="password" required class="form-control" name="pwd"</pre>
                  aria-describedby="passwordHelpBlock" placeholder="Enter Your Password">
            </div>
       </div>
       <div class="modal-footer bg-dark justify-content-center">
         <button type="submit" class="btn btn-warning btn-outline-primary text-dark">
           Login
         </button>
       </div>
       </form>
    </div>
  </div>
</div>
{% if Mmsg %}
<script>alert('Invalid Username or Password');</script>
{ % end if % }
<!-- sign in modal end -->
<!--Admin Sign in Modal -->
<div class="modal fade" id="staticBackdrop3" data-bs-backdrop="static" data-bs-keyboard="false"</pre>
tabindex="-1"
  aria-labelledby="staticBackdropLabel" aria-hidden="true">
  <div class="modal-dialog">
    <div class="modal-content">
       <div class="modal-header bg-dark ">
         <h3 class="modal-title text-warning" id="staticBackdropLabel" style="margin-
left:148px;">
            <strong>Admin Login</strong></h3>
         <button type="button" class="btn-close btn-warning" data-bs-dismiss="modal" aria-
label="Close"></button>
       </div>
       <div class="modal-body">
         <form action="Admin_Login" method="post">
```

```
{% csrf_token %}
            <div class="mb-3">
              <label class="form-label">Username or Email</label>
              <input type="email" required class="form-control" name="em"</pre>
                  placeholder="Username or Email" aria-describedby="emailHelp">
            </div>
            <div class="mb-3">
              <label class="form-label">Password</label>
              <input type="password" required class="form-control" name="pw"
                  aria-describedby="passwordHelpBlock" placeholder="Enter Your Password">
            </div>
       </div>
       <div class="modal-footer bg-dark justify-content-center">
         <button type="submit" class="btn btn-warning btn-outline-primary text-dark">
            Login
         </button>
       </div>
       </form>
    </div>
  </div>
</div>
{ % if msg % }
<script>alert('Invalid Username or Password');</script>
{ % endif % }
<!-- sign in modal end -->
<!--Navbar end-->
<br>>
<div class="image">
  <img src="{% static 'Images/banner_new.jpg' %}" height="40%" width="100%" alt="My
image">
</div>
```

```
<footer class="footer bg-dark text-warning sticky-bottom">
        </center>
        </footer>

<script src="https://cdn.jsdelivr.net/npm/bootstrap@5.0.1/dist/js/bootstrap.bundle.min.js"
        integrity="sha384-
gtEjrD/SeCtmISkJkNUaaKMoLD0//ElJ19smozuHV6z3Iehds+3Ulb9Bn9Plx0x4"
        crossorigin="anonymous"></script>
        </script src="{% static 'JavaScript/offcanvas.js' %}"></script>
        </body>
        </html>
```

About.html:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  {% load static %}
  <link rel="icon" href="{% static 'Images/logo-bg.png' %}">
  <title>About</title>
  k href="https://cdn.jsdelivr.net/npm/bootstrap@5.0.1/dist/css/bootstrap.min.css"
rel="stylesheet"
     integrity="sha384-
+0n0xVW2eSR5OomGNYDnhzAbDsOXxcvSN1TPprVMTNDbiYZCxYbOOl7+AMvyTG2x"
crossorigin="anonymous">
  <!-- Custom styles for this template -->
  <link href="{% static 'CSS/offcanvas.css' %}" rel="stylesheet">
</head>
<body>
<!--canvas navbar-->
```

```
<nav class="navbar navbar-expand-lg fixed-top navbar-dark bg-dark" aria-label="Main
navigation">
  <div class="container-fluid">
    <a class="navbar-brand text-warning" href="#">
      <strong>Online Assignment Submission Portal</a>
 <button class="navbar-toggler p-0 border-0" type="button" data-bs-toggle="offcanvas"
        aria-label="Toggle navigation">
      <span class="navbar-toggler-icon"></span>
    </button>
    <div class="navbar-collapse offcanvas-collapse" id="navbarsExampleDefault">
      cli class="nav-item">
           <a class="nav-link active" aria-current="page" href="./">Home</a>
        class="nav-item">
           <a class="nav-link" href="#">Featured</a>
        cli class="nav-item">
           <a class="nav-link" href="#">FAQs</a>
        class="nav-item">
           <a class="nav-link" href="Contact Us">Contact Us</a>
        class="nav-item">
           <a class="nav-link" href="About">About</a>
        <!-- button -->
      <div class="d-flex">
        <div class="btn-group me-2">
           <button type="button" class="btn btn-warning btn-outline-primary text-
dark">Login</button>
           <button type="button"
               class="btn btn-warning btn-outline-primary text-dark dropdown-toggle dropdown-
toggle-split"
               data-bs-toggle="dropdown" aria-expanded="false">
             <span class="visually-hidden">Toggle Dropdown</span>
           </button>
```

```
<a class="dropdown-item" href="#" data-bs-toggle="modal"</li>
                data-bs-target="#staticBackdrop1">Student Login</a>
            <a class="dropdown-item" href="#" data-bs-toggle="modal"</li>
                data-bs-target="#staticBackdrop2">Teacher Login</a>
            <a class="dropdown-item" href="#" data-bs-toggle="modal"</li>
                data-bs-target="#staticBackdrop3">Admin Login</a>
            <li>>
          </11/>
        </div>
</div>
</div>
  </div>
</nav>
<!--canvas end-->
<h1 class="text-warning bg-dark p-3 mt-5">ABOUT</h1>
<div class="container mt-5 mb-5" style="width:950px; margin-right:14vw;">
  <div class="p-4 mb-3 bg-light rounded">
    <h4 class="fst-italic text-warning">About Student Assignment Submission Portal</h4>
    <hr>>
```

This Online Assignment Submission Portal Project in Django is a Python-based project. Using Python, Django, and MySQL Database, we built a Online Assignment Submission portal which helps students to submit their practical and assignments online easily. This is a role-based module in which the teachers and student can perform any operation on the data.

Registration—For the registration, The teacher need to register first to create their own account. Create Course—For the add course, The teacher can add and update course information.

Login — By default the teacher need to login first to enable to access the system.

Create Exam — For the exam, The teacher can create and update exam information.

Create Assignment — For the assignment, The teacher can create and update assignment.

```
</div>
</div>
<footer class="footer bg-dark text-warning sticky-bottom">
<center>
</center>
```

Contact Us.html:

```
<!DOCTYPE html>
<html lang="en">
<head>
       <meta charset="UTF-8">
       {% load static %}
       k rel="icon" href="{% static 'Images/logo-bg.png' %}">
       <title>Contact Us</title>
       k href="https://cdn.jsdelivr.net/npm/bootstrap@5.0.1/dist/css/bootstrap.min.css" rel="stylesheet"
                integrity="sha384-
+0 n0 x VW2 eSR5 O omGNYD nhzAbDsOXxcvSN1TPprVMTNDbiYZCxYbOO17 + AMvyTG2x" - AMvyTG2x + AMvyTG2x 
crossorigin="anonymous">
       <!-- Custom styles for this template -->
       k href="{% static 'CSS/offcanvas.css' %}" rel="stylesheet">
</head>
<body>
<!--canvas navbar-->
<nav class="navbar navbar-expand-lg fixed-top navbar-dark bg-dark" aria-label="Main navigation">
       <div class="container-fluid">
             <a class="navbar-brand text-warning" href="#">
                   <strong>Student Assignment Submission Portal</strong></a>
            <buton class="navbar-toggler p-0 border-0" type="button" data-bs-toggle="offcanvas"
                          aria-label="Toggle navigation">
                   <span class="navbar-toggler-icon"></span>
             </button>
            <div class="navbar-collapse offcanvas-collapse" id="navbarsExampleDefault">
                   cli class="nav-item">
```

```
<a class="nav-link active" aria-current="page" href="./">Home</a>
        class="nav-item">
           <a class="nav-link" href="#">Featured</a>
        cli class="nav-item">
           <a class="nav-link" href="#">FAQs</a>
        cli class="nav-item">
           <a class="nav-link" href="Contact Us">Contact Us</a>
        class="nav-item">
           <a class="nav-link" href="About">About</a>
        <!-- button -->
      <div class="d-flex">
        <div class="btn-group me-2">
           <button type="button" class="btn btn-warning btn-outline-primary text-dark">Login</button>
           <button type="button"
               class="btn btn-warning btn-outline-primary text-dark dropdown-toggle dropdown-toggle-
split"
               data-bs-toggle="dropdown" aria-expanded="false">
             <span class="visually-hidden">Toggle Dropdown</span>
           </button>
           <a class="dropdown-item" href="#" data-bs-toggle="modal"</li>
                 data-bs-target="#staticBackdrop1">Student Login</a>
             <a class="dropdown-item" href="#" data-bs-toggle="modal"</li>
                 data-bs-target="#staticBackdrop2">Teacher Login</a>
             <a class="dropdown-item" href="#" data-bs-toggle="modal"</li>
                 data-bs-target="#staticBackdrop3">Admin Login</a>
             \langle li \rangle
           </div>
      </div>
    </div>
  </div>
</nav>
```

```
<!--canvas end-->
<h1 class="text-warning bg-dark p-3 mt-5">CONTACT US</h1>
<div class="container mt-5 mb-5">
  <div class="row">
    <div class="col-md-4 col-12">
       <div class="border border-2 p-2 bg-light rounded">
         <h5>Address</h5>
         <hr>>
         kl university, Vaddeswaram, vijayawada, Andhra Pradesh
       </div>
<div class="border border-2 mt-4 p-2 bg-light rounded">
         <h5>Mail</h5>
         <hr>
         sasp@gmail.com<br>
         </div>
<div class="border border-2 mt-4 p-2 bg-light rounded">
         <h5>Telephone</h5>
         <hr>>
         +91 9347812499<br>
           +91 9347812499
         </div>
    </div>
    <div class="col-md-7 col-12 offset-md-1">
      <div class="bg-light rounded">
         <h5 class="mb-4">DROP US A LINE SO THAT WE CAN HEAR FROM YOU</h5>
         <form>
           <div class="mb-3">
             <label class="form-label">Name</label>
             <input type="email" required class="form-control">
           </div>
           <div class="mb-3">
             <label class="form-label">Email</label>
             <input type="email" required class="form-control">
           </div>
           <div class="mb-3">
             <label class="form-label">Phone</label>
             <input type="text" required class="form-control">
```

Add User.html:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <title>Add User</title>
  {% load static %}
  k href="https://cdn.jsdelivr.net/npm/bootstrap@5.0.0/dist/css/bootstrap.min.css" rel="stylesheet"
     integrity="sha384-
wEmeIV1mKuiNpC+IOBjI7aAzPcEZeedi5yW5f2yOq55WWLwNGmvvx4Um1vskeMj0"
crossorigin="anonymous">
  <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.0.0/dist/js/bootstrap.bundle.min.js"</pre>
      integrity="sha384-
p34f1UUtsS3wqzfto5wAAmdvj+osOnFyQFpp4Ua3gs/ZVWx6oOypYoCJhGGScy+8"
      crossorigin="anonymous"></script>
  <script src="https://cdn.jsdelivr.net/npm/@popperjs/core@2.9.2/dist/umd/popper.min.js"</pre>
      integrity="sha384-
IQsoLXl5PILFhosVNubq5LC7Qb9DXgDA9i+tQ8Zj3iwWAwPtgFTxbJ8NT4GN1R8p"
      crossorigin="anonymous"></script>
  <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.0.0/dist/js/bootstrap.min.js"</pre>
      integrity="sha384-
lpyLfhYuitXl2zRZ5Bn2fqnhNAKOAaM/0Kr9laMspuaMiZfGmfwRNFh8HlMy49eQ"
      crossorigin="anonymous"></script>
  <!-- offcanvas-->
  k rel="canonical" href="https://getbootstrap.com/docs/5.0/examples/offcanvas-navbar/">
```

```
<style>
  .button1 {
 position: relative;
 border: none;
 font-size: 28px;
 color: #FFFFFF;
 padding: 20px;
 width: 200px;
 text-align: center;
 transition-duration: 0.4s;
 text-decoration: none;
 overflow: hidden;
 cursor: pointer;
.button1:after {
 content: "";
 background: #f1f1f1;
 display: block;
 position: absolute;
 padding-top: 300%;
 padding-left: 350%;
 margin-left: -20px !important;
 margin-top: -120%;
 opacity: 0;
 transition: all 0.8s
.button1:active:after {
 padding: 0;
 margin: 0;
 opacity: 1;
 transition: 0s
    .button1:hover {
 box-shadow: 0 20px 26px 0 rgba(0,0,0,0.24), 0 20px 50px 0 rgba(0,0,0,0.19);
</style>
  <!-- Custom styles for this template -->
  <link href="{% static 'CSS/offcanvas.css' %}" rel="stylesheet">
</head>
```

```
<body>
<!--canvas navbar-->
<nav class="navbar navbar-expand-lg fixed-top navbar-dark bg-dark" aria-label="Main navigation">
  <div class="container-fluid">
   <a class="navbar-brand text-warning" href="#"><strong>Online Assignment Submission
Portal</strong></a>
   <button class="navbar-toggler p-0 border-0" type="button" data-bs-toggle="offcanvas"
       aria-label="Toggle navigation">
      <span class="navbar-toggler-icon"></span>
   </button>
   <div class="navbar-collapse offcanvas-collapse" id="navbarsExampleDefault">
     class="nav-item">
         <a class="nav-link active" aria-current="page" href="{% url 'Admin_' %}">Home</a>
       cli class="nav-item">
         <a class="nav-link" href="#">About</a>
       class="nav-item">
         <a class="nav-link" href="{% url 'Admin ' %}">Dashboard</a>
       class="nav-item dropdown">
         <a class="nav-link dropdown-toggle" href="#" id="dropdown01" data-bs-toggle="dropdown"
           aria-expanded="false">Administration</a>
         <a class="dropdown-item" href="Add_assignment_p">Add Assignment</a>
           <a class="dropdown-item" href="Add_Subject_P">Add Subject</a>
           <a class="dropdown-item" href="Add_User">Add New User</a>
         <a class="nav-link dropdown-toggle" href="#" id="dropdown02" data-bs-toggle="dropdown"
           aria-expanded="false">Reports</a>
         <a class="dropdown-item" href="Student_Report">Student Report</a>
           <a class="dropdown-item" href="Admin_Report">Admin Report</a>
           <a class="dropdown-item" href="Teacher_Report">Teacher Report</a>
           <a class="dropdown-item" href="#">Assignment Report</a>
           <a class="dropdown-item" href="#">Subject Report</a>
```

```
<a class="nav-link dropdown-toggle" href="#" id="dropdown03" data-bs-toggle="dropdown"
            aria-expanded="false">My Account</a>
          <a class="dropdown-item" href="#">My Profile</a>
            <a class="dropdown-item" href="#">Change Password</a>
            <a class="dropdown-item" href="#">Change Profile Picture</a>
            <a class="dropdown-item" href="#">Login to another account</a>
          <!-- button -->
      <div class="d-flex">
        <div class="btn-group me-2">
          <button type="button" class="btn btn-warning btn-outline-primary text-dark" data-bs-
toggle="modal"
              data-bs-target="#staticBackdrop">
            <a class="text-decoration-none text-dark" href="{% url 'Admin_Logout' %}">Logout</a>
          </button>
        </div>
      </div>
    </div>
  </div>
</nav>
<!--canvas end-->
<br>
<h1 class="bg-dark text-warning p-4">Add Users</h1>
<div class="container-fluid">
  <center>
    <div class="row ">
      <div class="col-md-3 col-sm-4 border border-2 border-dark mx-auto me-auto mt-3">
        <button class="btn-dark rounded-circle button1 text-warning mt-auto mb-auto"</pre>
            style="height:13vw; width:13vw; font-size:2vw; font-weight:bold;" data-bs-toggle="modal"
            data-bs-target="#staticBackdrop5">
          <a href="#" class="text-decoration-none text-warning"> Add <br> Admin</a>
        </button>
      </div>
      <div class="col-md-3 col-sm-4 border border-2 border-dark mx-auto me-auto mt-3">
        <button class="rounded-circle btn-dark button1 text-warning mt-auto mb-auto " data-bs-
toggle="modal"
```

```
data-bs-target="#staticBackdrop0"
              style="height:13vw; width:13vw; font-size:2vw; font-weight:bold;">
            Add <br > Teacher
         </button>
       </div>
       <diy class="col-md-3 col-sm-4 border border-2 border-dark mx-auto me-auto mt-3">
         <button class="rounded-circle btn-dark button1 text-warning mt-auto mb-auto "
              data-bs-toggle="modal"
              data-bs-target="#staticBackdrop"
              style="height:13vw; width:13vw; font-size:2vw; font-weight:bold;">
           Add <br/>br> Student
         </button>
       </div>
    </div>
  </center>
</div>
<!--Student Signup Modal -->
<div class="modal fade" id="staticBackdrop" data-bs-backdrop="static" data-bs-keyboard="false"
tabindex="-1"
  aria-labelledby="staticBackdropLabel" aria-hidden="true">
  <div class="modal-dialog">
    <div class="modal-content">
       <div class="modal-header bg-dark">
         <div class="text-center">
            <h2 class="modal-title text-warning" style="margin-left:125px;">
              <strong>Add Student</strong></h2>
         </div>
         <button type="button" class="btn-close btn btn-warning" data-bs-dismiss="modal"
              aria-label="Close"></button>
       </div>
       <div class="modal-body">
         <form method="post" action="{% url 'Student_Signup' %}">
            {% csrf_token %}
<div class="mb-3">
              <label class="form-label">Username</label>
              <input type="text" required class="form-control" name="nm"</pre>
```

```
placeholder="Choose Your Username" aria-describedby="emailHelp">
            </div>
            <div class="mb-3">
              <label for="InputEmail1" class="form-label">Email address</label>
              <input type="email" required class="form-control" name="email"</pre>
                  placeholder="Enter Your Email" aria-describedby="emailHelp">
              <div class="form-text">We'll never share your email with anyone else.
              </div>
            </div>
            <div class="mb-3">
              <label class="form-label">Password</label>
              <input type="password" required class="form-control" name="password"</pre>
                  aria-describedby="passwordHelpBlock" placeholder="Enter Your Password">
              <div id="passwordHelpBlock" class="form-text">
                Your password must be 8-20 characters long, contain letters and numbers, and must
                not contain spaces,
                special characters, or emoji.
              </div>
            </div>
            <div class="mb-3">
              <label class="form-label">Phone Number</label>
              <input type="number" name="mob" placeholder="Enter your Mobile" required class="form-</pre>
control">
            </div>
            <div class="mb-3">
              <label class="form-label">Date of birth</label>
              <input type="date" name="dob" required class="form-control">
            </div>
            <div class="mb-3">
              <label class="form-label">Course</label>
              <div class="col-sm-10">
                <select required class="form-select" name="co" aria-label="Default select example">
                   <option value="" selected disabled>Select Your Course/option>
                   <option>Python
                   <option>Web Development
                   <option>Machine Learning</option>
                   <option>Data Science/option>
                   <option>Java</option>
                   <option>Javascript</option>
```

```
<option>C/C++</option>
                  <option>.Net</option>
                  <option>Cloud Computing
                  <option>Networking</option>
                  <option>Android
                </select>
              </div>
           </div>
           <div class="mb-3">
              <label class="form-label">Gender</label>
              <div class="col-sm-10">
                <div class="form-check form-check-inline">
                  <input class="form-check-input" required type="radio" name="gen"</pre>
                      value="Male">
                  <label class="form-check-label">Male</label>
                </div>
                <div class="form-check form-check-inline">
                  <input class="form-check-input" type="radio" name="gen"</pre>
                      value="Female">
                  <label class="form-check-label">Female</label>
              </div>
           </div>
       </div>
       <div class="modal-footer justify-content-center bg-dark">
         <button type="submit" class="modal-title btn btn-warning btn-outline-primary text-dark">
           Add User
         </button>
       </div>
       </form>
    </div>
  </div>
</div>
{ % if msgs % }
<script>alert('User Added Successfully');</script>
<!--<script>window.location='home';</script>-->
{% endif %}
<!-- Student signup modal end -->
```

<option>IOT</option>

```
<!--Teacher Signup modal-->
<div class="modal fade" id="staticBackdrop0" data-bs-backdrop="static" data-bs-keyboard="false"</pre>
tabindex="-1"
  aria-labelledby="staticBackdropLabel" aria-hidden="true">
  <div class="modal-dialog">
    <div class="modal-content">
       <div class="modal-header bg-dark">
         <div class="text-center">
            <h2 class="modal-title text-warning" style="margin-left:125px;">
              <strong>Add Teacher</strong></h2>
</div>
         <button type="button" class="btn-close btn btn-warning" data-bs-dismiss="modal"</pre>
              aria-label="Close"></button>
       </div>
       <div class="modal-body">
         <form method="post" action="{% url 'Teacher_Signup' %}">
            {% csrf_token %}
            <div class="mb-3">
              <label class="form-label">Username</label>
              <input type="text" required class="form-control" name="nm"</pre>
                  placeholder="Choose Your Username" aria-describedby="emailHelp">
            </div>
            <div class="mb-3">
              <label for="InputEmail1" class="form-label">Email address</label>
              <input type="email" required class="form-control" id="InputEmail1" name="email"</pre>
                  placeholder="Enter Your Email" aria-describedby="emailHelp">
              <div id="emailHelp" class="form-text">We'll never share your email with anyone else.
              </div>
            </div>
            <div class="mb-3">
              <label class="form-label">Password</label>
              <input type="password" required class="form-control" name="password"
                  aria-describedby="passwordHelpBlock" placeholder="Enter Your Password">
              <div class="form-text">
```

```
Your password must be 8-20 characters long, contain letters and numbers, and must
                not contain spaces,
                special characters, or emoji.
              </div>
           </div>
           <div class="mb-3">
              <label class="form-label">Phone Number</label>
              <input type="number" name="mob" placeholder="Enter your Mobile" required class="form-</pre>
control">
           </div>
           <div class="mb-3">
              <label class="form-label">Date of birth</label>
              <input type="date" name="dob" required class="form-control">
           </div>
           <div class="mb-3">
              <label class="form-label">Subjects</label>
              <div class="col-sm-10">
                <select required class="form-select" name="su" aria-label="Default select example">
                  <option value="" selected disabled>Select Your Subject</option>
                  <option>Python</option>
                  <option>Web Development
                   <option>Machine Learning
                  <option>Data Science/option>
                  <option>Java</option>
                  <option>Javascript</option>
                  <option>IOT</option>
                  <option>C/C++</option>
                  <option>.Net</option>
                  <option>Cloud Computing</option>
                  <option>Networking</option>
                  <option>Android
                </select>
              </div>
           </div>
           <div class="mb-3">
              <label class="form-label">Gender</label>
              <div class="col-sm-10">
                <div class="form-check form-check-inline">
                  <input class="form-check-input" required type="radio" name="gen"</pre>
```

```
id="inlineRadio1" value="Male">
                   <label class="form-check-label" for="inlineRadio1">Male</label>
                </div>
                <div class="form-check form-check-inline">
                   <input class="form-check-input" type="radio" name="gen"</pre>
                       id="inlineRadio2" value="Female">
                   <label class="form-check-label" for="inlineRadio2">Female</label>
              </div>
            </div>
       </div>
       <div class="modal-footer justify-content-center bg-dark">
         <button type="submit" class="modal-title btn btn-warning btn-outline-primary text-dark">
            Add
         </button>
       </div>
       </form>
    </div>
  </div>
</div>
{ % if Tmsg % }
<script>alert('User Added successfully');</script>
<!--<script>window.location='home';</script>-->
{% endif %}
<!-- Teacher signup modal end -->
<!--Add new ADmin modal-->
<div class="modal fade" id="staticBackdrop5" data-bs-backdrop="static" data-bs-keyboard="false"
tabindex="-1"
  aria-labelledby="staticBackdropLabel" aria-hidden="true">
  <div class="modal-dialog">
    <div class="modal-content">
       <div class="modal-header bg-dark">
         <div class="text-center">
           <h2 class="modal-title text-warning" style="margin-left:125px;">
              <strong>Add Admin</strong></h2>
         <button type="button" class="btn-close btn btn-warning" data-bs-dismiss="modal"
              aria-label="Close"></button>
```

```
</div><div class="modal-body">
         <form method="post" action="{% url 'Add_Admin' %}">
            {% csrf_token %}
            <div class="mb-3">
              <label for="InputEmail1" class="form-label">Email address</label>
              <input type="email" required class="form-control" name="Aem"
                  placeholder="Enter Your Email" aria-describedby="emailHelp">
              <div class="form-text">We'll never share your email with anyone else.
              </div>
            </div>
            <div class="mb-3">
              <label class="form-label">Password</label>
              <input type="password" required class="form-control" name="Apw"</pre>
                  aria-describedby="passwordHelpBlock" placeholder="Enter Your Password">
              <div class="form-text">
                Your password must be 8-20 characters long, contain letters and numbers, and must
                not contain spaces,
                special characters, or emoji.
              </div>
            </div>
       </div>
       <div class="modal-footer justify-content-center bg-dark">
         <buton type="submit" class="modal-title btn btn-warning btn-outline-primary text-dark">
            Add
         </button>
       </div>
       </for>
</div>
  </div>
</div>
{ % if Amsg % }
<script>alert('User Added successfully');</script>
<!--<script>window.location='home';</script>-->
{% endif %}
<!--Add Admin modal end-->
<script src="{% static 'JavaScript/offcanvas.js' %}"></script>
</body>
</html>
```

Add_Subject.html:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <title>Add Subject</title>
  {% load static %}
  k href="https://cdn.jsdelivr.net/npm/bootstrap@5.0.0/dist/css/bootstrap.min.css" rel="stylesheet"
     integrity="sha384-
wEmeIV1mKuiNpC+IOBjI7aAzPcEZeedi5yW5f2yOq55WWLwNGmvvx4Um1vskeMj0"
crossorigin="anonymous">
  <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.0.0/dist/js/bootstrap.bundle.min.js"</pre>
      integrity="sha384-
p34f1UUtsS3wqzfto5wAAmdvj+osOnFyQFpp4Ua3gs/ZVWx6oOypYoCJhGGScy+8"
      crossorigin="anonymous"></script>
  <script src="https://cdn.jsdelivr.net/npm/@popperjs/core@2.9.2/dist/umd/popper.min.js"</pre>
      integrity="sha384-
IQsoLXl5PILFhosVNubq5LC7Qb9DXgDA9i+tQ8Zj3iwWAwPtgFTxbJ8NT4GN1R8p"
      crossorigin="anonymous"></script>
  <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.0.0/dist/js/bootstrap.min.js"</pre>
      integrity="sha384-
lpyLfhYuitXl2zRZ5Bn2fqnhNAKOAaM/0Kr9laMspuaMiZfGmfwRNFh8HlMy49eQ"
      crossorigin="anonymous"></script>
  <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.0.0-beta1/dist/js/bootstrap.bundle.min.js"</pre>
      integrity="sha384-
ygbV9kiqUc6oa4msXn9868pTtWMgiQaeYH7/t7LECLbyPA2x65Kgf80OJFdroafW"
      crossorigin="anonymous"></script>
  <!-- Custom styles for this template -->
  k href="{% static 'CSS/offcanvas.css' %}" rel="stylesheet">
</head>
<body>
<!--canvas navbar-->
<nav class="navbar navbar-expand-lg fixed-top navbar-dark bg-dark" aria-label="Main navigation">
  <div class="container-fluid">
    <a class="navbar-brand text-warning" href="#"><strong>Online Assignment Submission
Portal</strong></a>
<button class="navbar-toggler p-0 border-0" type="button" data-bs-toggle="offcanvas"</pre>
         aria-label="Toggle navigation">
       <span class="navbar-toggler-icon"></span>
    </button>
    <div class="navbar-collapse offcanvas-collapse" id="navbarsExampleDefault">
```

```
cli class="nav-item">
         <a class="nav-link active" aria-current="page" href="#">Home</a>
       class="nav-item">
         <a class="nav-link" href="#">About</a>
       cli class="nav-item">
         <a class="nav-link" href="{% url 'Admin ' %}">Dashboard</a>
       class="nav-item dropdown">
         <a class="nav-link dropdown-toggle" href="#" id="dropdown01" data-bs-toggle="dropdown"
           aria-expanded="false">Administration</a>
         <a class="dropdown-item" href="Add_assignment_p">Add Assignment</a>
           <a class="dropdown-item" href="Add Subject P">Add Subject</a>
           <a class="dropdown-item" href="Add User">Add New User</a>
         class="nav-item dropdown">
         <a class="nav-link dropdown-toggle" href="#" id="dropdown02" data-bs-toggle="dropdown"
           aria-expanded="false">Reports</a>
         <a class="dropdown-item" href="Student Report">Student Report</a>
           <a class="dropdown-item" href="Admin_Report">Admin Report</a>
           <a class="dropdown-item" href="Teacher Report">Teacher Report</a>
           <a class="dropdown-item" href="#">Assignment Report</a>
           <a class="dropdown-item" href="#">Subject Report</a>
         cli class="nav-item dropdown">
         <a class="nav-link dropdown-toggle" href="#" id="dropdown03" data-bs-toggle="dropdown"
           aria-expanded="false">My Account</a>
         <a class="dropdown-item" href="#">My Profile</a>
           <a class="dropdown-item" href="{% url 'Update_Password' %}">Change
Password</a>
           <a class="dropdown-item" href="#">Edit Profile Picture</a>
           <a class="dropdown-item" href="#">Login to another account</a>
         </111>
       <!-- button -->
     <div class="d-flex">
       <div class="btn-group me-2">
         <button type="button" class="btn btn-warning btn-outline-primary text-dark" data-bs-
toggle="modal"
             data-bs-target="#staticBackdrop">
           <a class="text-decoration-none text-dark" href="{% url 'Admin_Logout' %}">Logout</a>
```

```
</button>
         </div>
       </div>
    </div>
  </div>
</nav>
<!--canvas end-->
<h1 class=" mt-5 bg-dark p-4 text-warning"> Add Subject
</h1>
<div class="container mt-5" style="width:>
  <h1 class="text-center bg-dark text-warning"> Add New Subject
    <hr>
  </h1>
  <form action="Add_Subject" method="post">
    {% csrf_token %}
    <div class="mb-3">
       <lase="form-label">Subject Name</label>
       <input type="text" required class="form-control" name="sn" placeholder="Subject Name"
           aria-describedby="emailHelp">
    </div>
    <div class="mb-3">
       <lase="form-label">Description of the Subject</label>
       <textarea type="text" required class="form-control" name="sd"
            aria-describedby="passwordHelpBlock" placeholder="Description"></textarea>
    </div>
    <center>
       <div class="bg-dark p-2">
         <button class="btn btn-warning btn-outline-primary text-dark p-2">Add Subject</button>
       </div>
    </center>
  </form>
</div>
{% if msgs %}
<h5 class="text-center text-dark mt-4">{{msgs}}</h5>
<!--<script>alert('Password Changed Successfully');</script>-->
{% endif %}
<script src="{% static 'JavaScript/offcanvas.js' %}"></script>
</body>
</html>
```

Add_Assignment.html:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <title>Add Assignment</title>
  {% load static %}
  k href="https://cdn.jsdelivr.net/npm/bootstrap@5.0.0/dist/css/bootstrap.min.css"
rel="stylesheet"
     integrity="sha384-
wEmeIV1mKuiNpC+IOBjI7aAzPcEZeedi5yW5f2yOq55WWLwNGmvvx4Um1vskeMj0"
crossorigin="anonymous">
  <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.0.0/dist/js/bootstrap.bundle.min.js"</pre>
       integrity="sha384-
p34f1UUtsS3wqzfto5wAAmdvj+osOnFyQFpp4Ua3gs/ZVWx6oOypYoCJhGGScy+8"
      crossorigin="anonymous"></script>
  <script src="https://cdn.jsdelivr.net/npm/@popperjs/core@2.9.2/dist/umd/popper.min.js"</pre>
      integrity="sha384-
IQsoLXI5PILFhosVNubq5LC7Qb9DXgDA9i+tQ8Zj3iwWAwPtgFTxbJ8NT4GN1R8p"
       crossorigin="anonymous"></script>
  <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.0.0/dist/js/bootstrap.min.js"</pre>
      integrity="sha384-
lpyLfhYuitXl2zRZ5Bn2fqnhNAKOAaM/0Kr9laMspuaMiZfGmfwRNFh8HlMy49eQ"
      crossorigin="anonymous"></script>
  <!-- offcanvas-->
  k rel="canonical" href="https://getbootstrap.com/docs/5.0/examples/offcanvas-navbar/">
  <!-- Bootstrap core CSS -->
  k href="/docs/5.0/dist/css/bootstrap.min.css" rel="stylesheet"
     integrity="sha384-
wEmeIV1mKuiNpC+IOBjI7aAzPcEZeedi5yW5f2yOq55WWLwNGmvvx4Um1vskeMj0"
crossorigin="anonymous">
  <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.0.0-beta1/dist/js/bootstrap.bundle.min.js"</pre>
       integrity="sha384-
ygbV9kiqUc6oa4msXn9868pTtWMgiQaeYH7/t7LECLbyPA2x65Kgf80OJFdroafW"
      crossorigin="anonymous"></script>
  k href="{% static 'CSS/offcanvas.css' %}" rel="stylesheet">
</head>
<body>
<!--canvas navbar-->
<nav class="navbar navbar-expand-lg fixed-top navbar-dark bg-dark" aria-label="Main
navigation">
```

```
<div class="container-fluid">
   <a class="navbar-brand text-warning" href="#"><strong>Student Assignment Submission
Portal</strong></a>
   <button class="navbar-toggler p-0 border-0" type="button" data-bs-toggle="offcanvas"
       aria-label="Toggle navigation">
     <span class="navbar-toggler-icon"></span>
   </button>
<div class="navbar-collapse offcanvas-collapse" id="navbarsExampleDefault">
     class="nav-item">
         <a class="nav-link active" aria-current="page" href="{% url 'Admin_' %}">Home</a>
       class="nav-item">
         <a class="nav-link" href="#">About</a>
       class="nav-item">
         <a class="nav-link" href="{% url 'Admin_' %}">Dashboard</a>
       <a class="nav-link dropdown-toggle" href="#" id="dropdown01" data-bs-
toggle="dropdown"
          aria-expanded="false">Administration</a>
         <a class="dropdown-item" href="#">Add Assignment</a>
           <a class="dropdown-item" href="#">Add Subject</a>
           <a class="dropdown-item" href="#">Add Attendance</a>
           <a class="dropdown-item" href="#">Add New User</a>
         class="nav-item dropdown">
         <a class="nav-link dropdown-toggle" href="#" id="dropdown02" data-bs-
toggle="dropdown"
          aria-expanded="false">Reports</a>
<a class="dropdown-item" href="#">Student Report</a>
           <a class="dropdown-item" href="#">Admin Report</a>
           <a class="dropdown-item" href="#">Teacher Report</a>
           <a class="dropdown-item" href="#">Attendance Report</a>
           <a class="dropdown-item" href="#">Assignment Report</a>
           <a class="dropdown-item" href="#">Subject Report</a>
         class="nav-item dropdown">
         <a class="nav-link dropdown-toggle" href="#" id="dropdown03" data-bs-
```

```
toggle="dropdown"
            aria-expanded="false">My Account</a>
          <a class="dropdown-item" href="#">My Profile</a>
             <a class="dropdown-item" href="#">Change Password</a>
             <a class="dropdown-item" href="#">Change Profile Picture</a>
             <a class="dropdown-item" href="#">Login to another account</a>
          <!-- button -->
      <div class="d-flex">
        <div class="btn-group me-2">
          <button type="button" class="btn btn-warning btn-outline-primary text-dark" data-bs-
toggle="modal"
               data-bs-target="#staticBackdrop">
             <a class="text-decoration-none text-dark" href="{% url 'Admin_Logout'
% }">Logout</a>
          </button>
        </div>
      </div>
    </div>
  </div>
</nav>
<!--canvas end-->
<h1 class=" mt-5 bg-dark p-4 text-warning"> Add Assignment
<div class="container mt-5" style="width:55vw;">
  <h1 class="text-center bg-dark text-warning"> Add New Assignment
    <hr>
  </h1>
 <form action="Add_Assignment" method="post" enctype="multipart/form-data">
    {% csrf_token %}
    <div class="row">
      <div class="col-md-6 col-sm-12">
        <div class="mb-3">
          <label class="form-label">Select Subject</label>
          <select required class="form-control form-select" name="SN">
             <option selected disabled>Select Subject
             <option > Python </option>
             <option > PHP </option>
             <option > Java</option>
             <option > Data Science /option>
```

```
</select>
                           </div>
                           <div class="mb-3">
                                  <label class="form-label">Due Date</label>
                                  <input type="datetime-local" name="DD" required class="form-control">
                           </div>
                     </div>
                    <div class="col-md-6 col-sm-12">
                           <div class="mb-3">
                                  <label class="form-label">Assignment Title</label>
                                  <input type="text" required class="form-control" name="AT"</pre>
placeholder="Assignment Title">
                           </div>
                           <div class="mb-3">
                                  <label class="form-label">Assignment File</label>
                                  <input type="file" required class="form-control bg-light" name="ass_stu">
                           </div>
                           <div class="mb-3">
                                  <label class="form-label">Description</label>
                                  <textarea type="text" required class="form-control" name="AD"
placeholder="Description"></textarea>
                           </div>
                    </div>
             </div>
<center>
<div class="bg-dark p-2">
                           <br/>

 ">SUBMIT</button>
                    </div>
             </center>
       </form>
</div>
 {% if ass %}
 <!--<h5 class="text-center text-dark mt-4">{{msgs}}</h5>-->
<script>alert('Assignment Added Successfully');</script>
 { % endif % }
<script src="{% static 'JavaScript/offcanvas.js' %}"></script>
</body>
</html>
```

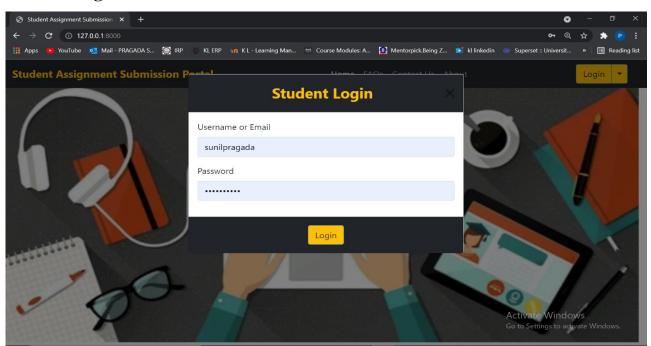
Output:

Screen Shots:

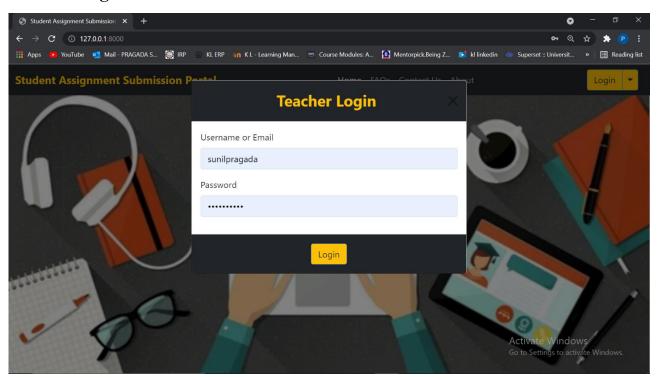
Home Page:



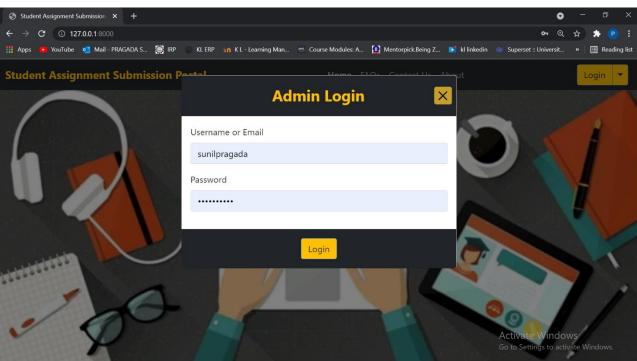
Student Login:



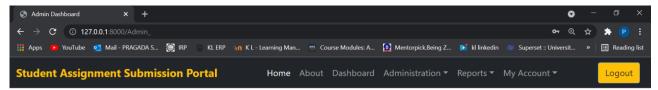
Teacher Login:



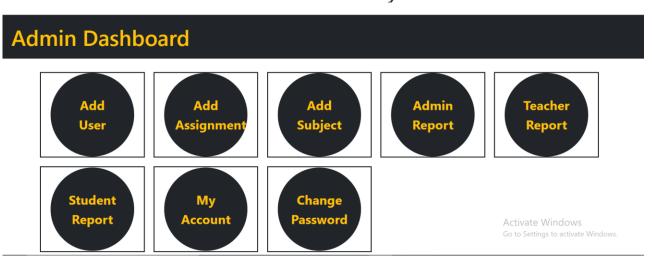
Admin Login:



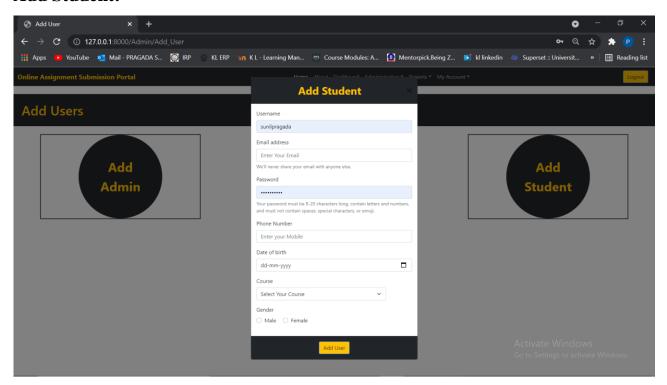
Admin Dashboard:



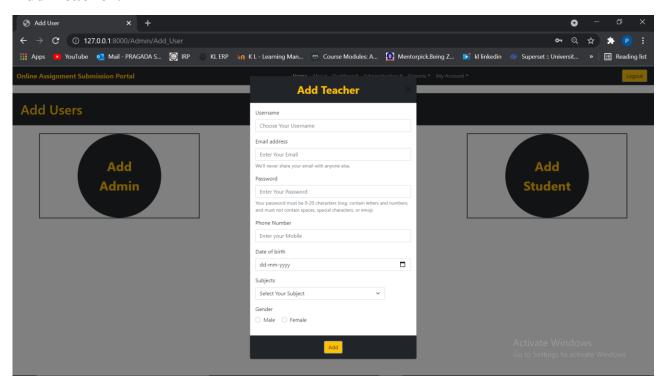
Welcome Admin to your Dashboard



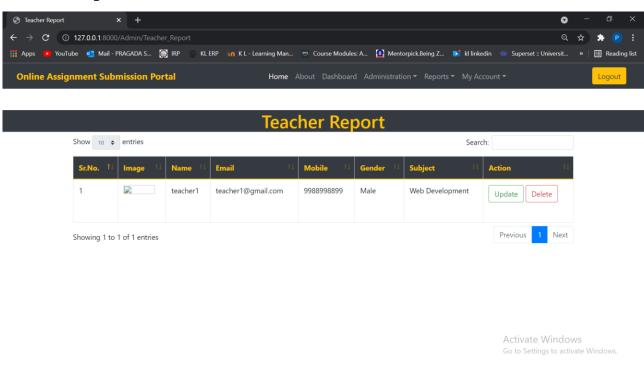
Add Student:



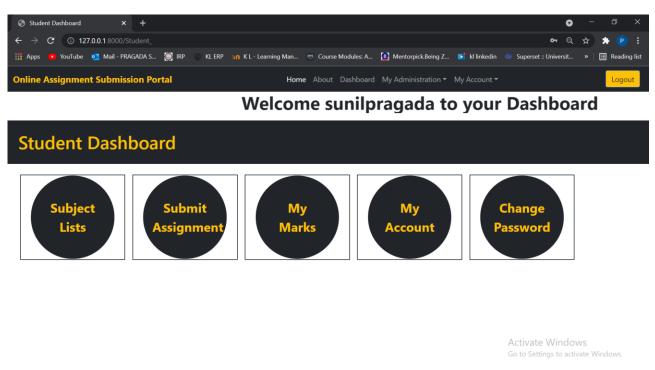
Add Teacher:



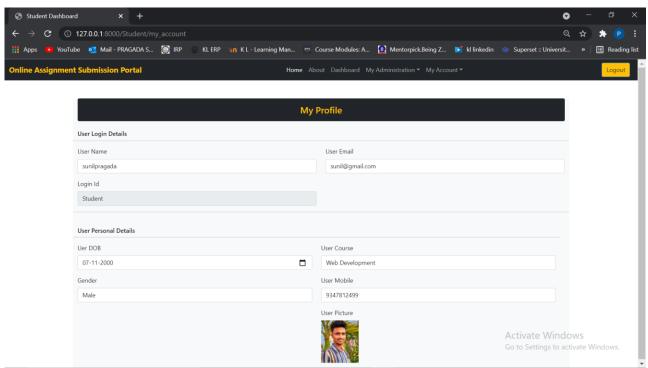
Teacher Report:



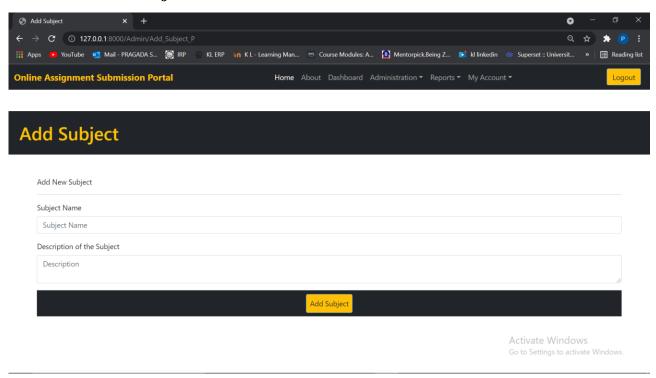
Student Dashboard:



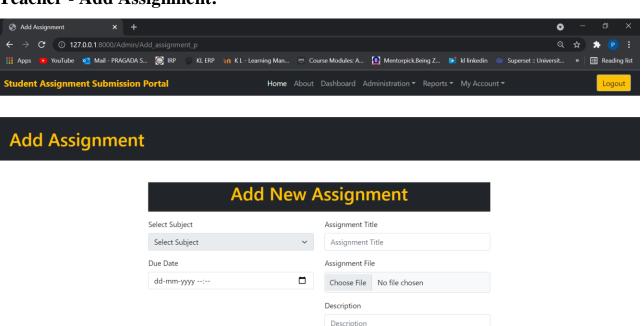
Student Profile Page:



Teacher – Add Subject:



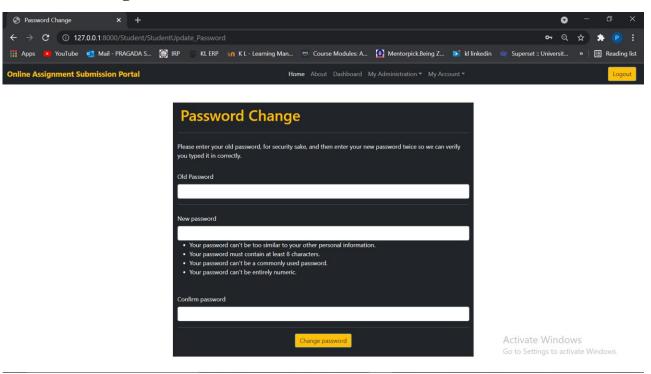
Teacher - Add Assignment:



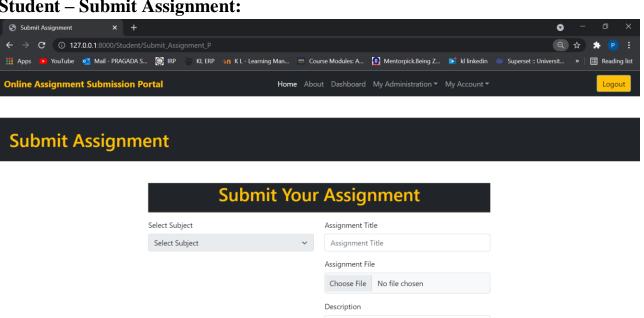
SUBMIT

Activate Windows
Go to Settings to activate Windows.

Password change:



Student – Submit Assignment:

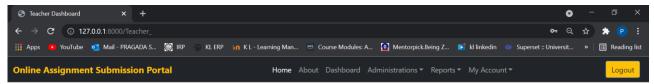


SUBMIT

Description

Activate Windows

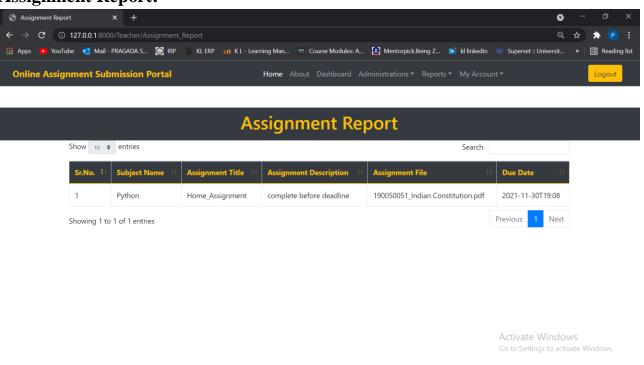
Teacher Dashboard:



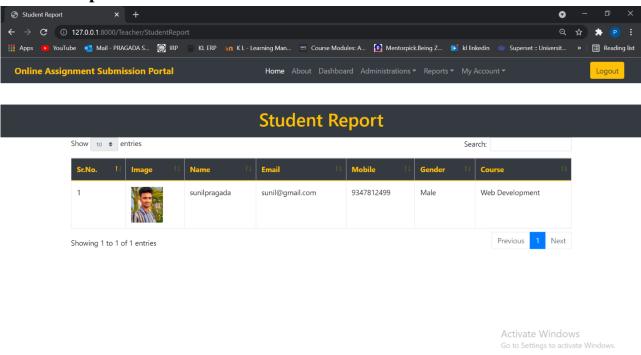
Welcome teacher1 to your Dashboard



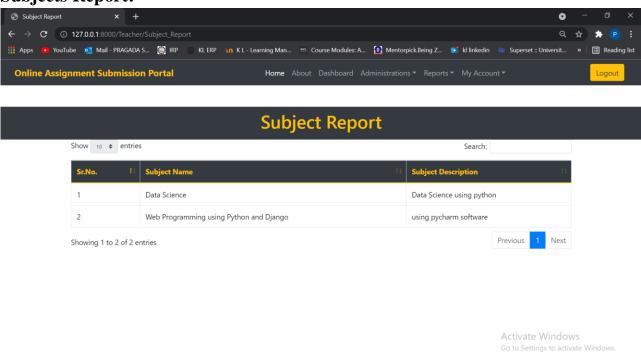
Assignment Report:



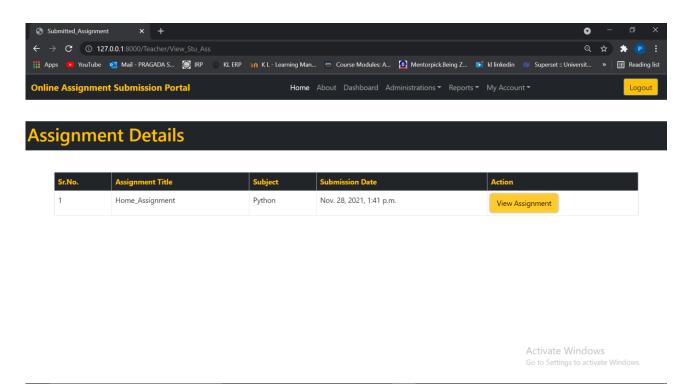
Student Report:



Subjects Report:



Submitted Assignment Details:



CONCLUSION:

In our project, we have included as many features as we can make the site viable and usable and web application very friendly. We have changed the traditional system of submitting assignment to online assignment submission portal. The student can submit their assignment from anywhere via the internet. This online assignment submission portal is flexible for both student and the teachers.

REFERENCES:

https://www.tutorialspoint.com/django/index.htm https://techvidvan.com/tutorials/django-cookies-handling/

FUTURE SCOPE:

- ❖ The employment of the system achieves more accuracy in work performance.
- ❖ It reduces efforts needed in carrying out various administrative tasks.
- **!** It helps utilize time effectively.
- ❖ In future scope, it helps to do plagiarism for submitted assignments.
- Need to develop in more interactive manner.