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**ONLINE EXAMINATION SYSTEM**

**EX NO: 8**

**DATE: 05.11.2020**

**AIM:**

To implement Online examination system using any programming language.

**CODE:**

**Tools used:**

- HTML
- CSS
- Python - DJANGO
- SQLite

**urls.py (project)**

```
from django.contrib import admin
from django.urls import path,include
```

```
urlpatterns = [
    path('admin/', admin.site.urls),
    path("",include('home.urls'))
]
```

**urls.py (app)**

```
from django.contrib import admin
from django.urls import path
from . import views
```

```
urlpatterns = [
    path("", views.home, name='home'),
    path('studentregister',views.studentregister,name='studentregister'),
    path('studentlogin',views.studentlogin,name='studentlogin'),
    path('teacherregister',views.teacherregister,name='teacherregister'),
    path('teacherlogin',views.teacherlogin,name='teacherlogin'),
    path('studentcourse',views.studentcourse,name='studentcourse'),
    path('teachercourse',views.teachercourse,name='teachercourse'),
    path('teachermathexam',views.teachermathexam,name='teachermathexam'),
    path('teacherengexam',views.teacherengexam,name='teacherengexam'),
    path('teachersciexam',views.teachersciexam,name='teachersciexam'),
    path('studentmathexam',views.studentmathexam,name='studentmathexam'),
    path('submit',views.submit,name='submit')
```

]

### **models.py**

```
from django.db import models
class Student(models.Model):
    student_name=models.CharField(max_length=30)
    student_id=models.IntegerField()
    student_email=models.EmailField()
    student_phone=models.CharField(max_length=10)
    student_username=models.CharField(max_length=20)
    student_password=models.CharField(max_length=10)
```

```
class Teacher(models.Model):
    teacher_name=models.CharField(max_length=30)
    teacher_id=models.IntegerField()
    teacher_email=models.EmailField()
    teacher_phone=models.CharField(max_length=10)
    teacher_username=models.CharField(max_length=20)
    teacher_password=models.CharField(max_length=10)
```

```
class Mathexam(models.Model):
    math_question_id=models.IntegerField()
    math_question=models.TextField()
    math_choice1=models.TextField()
    math_choice2=models.TextField()
    math_choice3=models.TextField()
    math_choice4=models.TextField()
```

```
class Engexam(models.Model):
    eng_question_id=models.IntegerField()
    eng_question=models.TextField()
    eng_choice1=models.TextField()
    eng_choice2=models.TextField()
    eng_choice3=models.TextField()
    eng_choice4=models.TextField()
```

```
class Scienceexam(models.Model):
    science_question_id=models.IntegerField()
    science_question=models.TextField()
    science_choice1=models.TextField()
    science_choice2=models.TextField()
    science_choice3=models.TextField()
    science_choice4=models.TextField()
```

### **views.py**

```
from django.shortcuts import render,redirect
from django.http import HttpResponseRedirect
from django.contrib import messages
```

```

from home.models import Student,Teacher,Mathexam,Engexam,Scienceexam

def home(request):
    return render(request,'home.html')

def studentregister(request):
    if request.method=="POST":
        student_name=request.POST['student_name']
        student_id=request.POST['student_id']
        student_email=request.POST['student_email']
        student_phone=request.POST['student_phone']
        student_username=request.POST['student_username']
        student_password1=request.POST['student_password1']
        student_password2=request.POST['student_password2']
        if student_password1==student_password2:
            if Student.objects.filter(student_username=student_username).exists():
                messages.info(request,'Username taken')
                return redirect('studentregister')
            elif Student.objects.filter(student_email=student_email).exists():
                messages.info(request,'email taken')
                return redirect('studentregister')
            else:
                student=Student(student_name=student_name,student_id=student_id,
                student_email=student_email,student_phone=student_phone,student_username=student_username,student_password=student_password1)
                student.save()
                return redirect('studentlogin')
        else:
            messages.info(request,'Passwords not matching')
            return redirect('studentregister')
    else:
        return render(request,'studentregister.html')

def studentlogin(request):
    if request.method=="POST":
        student_username=request.POST['student_username']
        student_password=request.POST['student_password']
        if Student.objects.filter(student_username=student_username).exists():
            student=Student.objects.filter(student_username=student_username).first()
            if student.student_password==student_password:
                return redirect('studentcourse')
                print('Logged In successfully!')
            else:
                messages.info(request,'Invalid Username or Password')
                return redirect('studentlogin')
        else:
            messages.info(request,'Invalid Username or Password')
            return redirect('studentlogin')

```

```

else:
    return render(request,'studentlogin.html')

def teacherregister(request):
    if request.method=="POST":
        teacher_name=request.POST['teacher_name']
        teacher_id=request.POST['teacher_id']
        teacher_email=request.POST['teacher_email']
        teacher_phone=request.POST['teacher_phone']
        teacher_username=request.POST['teacher_username']
        teacher_password1=request.POST['teacher_password1']
        teacher_password2=request.POST['teacher_password2']
        if teacher_password1==teacher_password2:
            if Teacher.objects.filter(teacher_username=teacher_username).exists():
                messages.info(request,'Username taken')
                return redirect('teacherregister')
            elif Teacher.objects.filter(teacher_email=teacher_email).exists():
                messages.info(request,'email taken')
                return redirect('teacherregister')
            else:
                teacher=Teacher(teacher_name=teacher_name,teacher_id=teacher_id,teacher_email=teacher_email,teacher_phone=teacher_phone,teacher_username=teacher_username,teacher_password=teacher_password1)
                teacher.save()
                return redirect('teacherlogin')
                print("The data has been written to the db.")

        else:
            messages.info(request,'Passwords not matching')
            return redirect('teacherregister')
    else:
        return render(request,'teacherregister.html')

def teacherlogin(request):
    if request.method=="POST":
        teacher_username=request.POST['teacher_username']
        teacher_password=request.POST['teacher_password']
        if Teacher.objects.filter(teacher_username=teacher_username).exists():
            teacher=Teacher.objects.filter(teacher_username=teacher_username).first()
            if teacher.teacher_password==teacher_password:
                return redirect('teachercourse')
                print('Logged In successfully!')
            else:
                messages.info(request,'Invalid Username or Password')
                return redirect('teacherlogin')
        else:
            messages.info(request,'Invalid Username or Password')
            return redirect('teacherlogin')

```

```

else:
    return render(request,'teacherlogin.html')

def studentcourse(request):
    return render(request,'studentcourse.html')

def teachercourse(request):
    return render(request,'teachercourse.html')

def teachermathexam(request):
    if request.method=="POST":
        math_question_id=request.POST['math_question_id']
        math_question=request.POST['math_question']
        math_choice1=request.POST['math_choice1']
        math_choice2=request.POST['math_choice2']
        math_choice3=request.POST['math_choice3']
        math_choice4=request.POST['math_choice4']
        math=Mathexam(math_question_id=math_question_id,math_question=math_question,
        math_choice1=math_choice1,math_choice2=math_choice2,math_choice3=math_choice3,mat
        h_choice4=math_choice4)
        math.save()
        return redirect('teachermathexam')
    else:
        return render(request,'teachermathexam.html')

def teacherengexam(request):
    if request.method=="POST":
        eng_question_id=request.POST['eng_question_id']
        eng_question=request.POST['eng_question']
        eng_choice1=request.POST['eng_choice1']
        eng_choice2=request.POST['eng_choice2']
        eng_choice3=request.POST['eng_choice3']
        eng_choice4=request.POST['eng_choice4']
        eng=Engexam(eng_question_id=eng_question_id,eng_question=eng_question,eng_choi
        ce1=eng_choice1,eng_choice2=eng_choice2,eng_choice3=eng_choice3,eng_choice4=eng_ch
        oice4)
        eng.save()
        return redirect('teacherengexam')
    else:
        return render(request,'teacherengexam.html')

def teachersciexam(request):
    if request.method=="POST":
        science_question_id=request.POST['science_question_id']
        science_question=request.POST['science_question']
        science_choice1=request.POST['science_choice1']
        science_choice2=request.POST['science_choice2']
        science_choice3=request.POST['science_choice3']

```

```

        science_choice4=request.POST['science_choice4']
        science=Scienceexam(science_question_id=science_question_id,science_question=scien
ce_question,science_choice1=science_choice1,science_choice2=science_choice2,science_ch
oice3=science_choice3,science_choice4=science_choice4)
        science.save()
        return redirect('teachersciexam')
    else:
        return render(request,'teachersciexam.html')

```

```

def studentmathexam(request):
    obj1=Mathexam.objects.get(math_question_id=1)
    obj2=Mathexam.objects.get(math_question_id=2)
    context={
        'question_id1':obj1.math_question_id,
        'question1':obj1.math_question,
        'choice11':obj1.math_choice1,
        'choice21':obj1.math_choice2,
        'choice31':obj1.math_choice3,
        'choice41':obj1.math_choice4,
        'question_id2':obj2.math_question_id,
        'question2':obj2.math_question,
        'choice12':obj2.math_choice1,
        'choice22':obj2.math_choice2,
        'choice32':obj2.math_choice3,
        'choice42':obj2.math_choice4
    }
    return render(request,'studentmathexam.html',context)

```

```

def submit(request):
    return render(request,'submit.html')

```

### **admin.py**

```

from django.contrib import admin
from home.models import Student,Teacher,Mathexam,Engexam,Scienceexam
admin.site.register(Student)
admin.site.register(Teacher)
admin.site.register(Mathexam)
admin.site.register(Engexam)
admin.site.register(Scienceexam)

```

### **apps.py**

```

from django.apps import AppConfig
class HomeConfig(AppConfig):
    name = 'home'

```

### **home.html**

```

<!doctype html>
<html lang="en">

```

```
<head>
  <meta charset="utf-8">
  <meta name="viewport" content="width=device-width, initial-scale=1, shrink-to-fit=no">
  <link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/bootstrap@4.5.3/dist/css/bootstrap.min.css"
    integrity="sha384-
TX8t27EcRE3e/ihU7zmQxVncDAy5uIKz4rEkgIXeMed4M0jlfIDPvg6uqKI2xXr2" crossorigin="anonymous">
```

```
  <title>Home</title>
</head>
```

```
<body>
  <nav class="navbar navbar-expand-lg navbar-dark bg-dark">
    <a class="navbar-brand" href="/">Online Examination System</a>
    <button class="navbar-toggler" type="button" data-toggle="collapse" data-
target="#navbarSupportedContent"
      aria-controls="navbarSupportedContent" aria-expanded="false" aria-
label="Toggle navigation">
      <span class="navbar-toggler-icon"></span>
    </button>

    <div class="collapse navbar-collapse" id="navbarSupportedContent">
      <ul class="navbar-nav mr-auto">
        <li class="nav-item active">
          <a class="nav-link" href="/">Home <span class="sr-
only">(current)</span></a>
        </li>
        <li class="nav-item dropdown">
          <a class="nav-link dropdown-
toggle" href="#" id="navbarDropdown" role="button"
            data-toggle="dropdown" aria-haspopup="true" aria-expanded="false">
            Register
          </a>
          <div class="dropdown-menu" aria-labelledby="navbarDropdown">
            <a class="dropdown-item" href="/studentregister">Student</a>
            <a class="dropdown-item" href="/teacherregister">Teacher</a>
          </div>
        </li>
        <li class="nav-item dropdown">
          <a class="nav-link dropdown-
toggle" href="#" id="navbarDropdown" role="button"
            data-toggle="dropdown" aria-haspopup="true" aria-expanded="false">
            Login
          </a>
          <div class="dropdown-menu" aria-labelledby="navbarDropdown">
```

```

        <a class="dropdown-item" href="/studentlogin">Student</a>
        <a class="dropdown-item" href="/teacherlogin">Teacher</a>

    </div>
</li>
</ul>

</div>
</nav>
<div class="container mt-3">
    <h1 class="text-center my-3">Welcome to Online Examination System</h1>
    <div class="row">
        <div class="col-md-4">
            <div class="card" style="width: 18rem;">
                
                <div class="card-body">
                    <h5 class="card-title">Easy</h5>
                    <p class="card-text">Provides the complete examination environment. </p>
                </div>
            </div>
        </div>
        <div class="col-md-4">
            <div class="card" style="width: 18rem;">
                
                <div class="card-body">
                    <h5 class="card-title">User Friendly</h5>
                    <p class="card-
text">Conduct and attend exams from the comfort of your home.</p>
                </div>
            </div>
        </div>
        <div class="col-md-4">
            <div class="card" style="width: 18rem;">
                
                <div class="card-body">
                    <h5 class="card-title">Contact</h5>
                    <p class="card-
text">For further queries contact us at onlineexam@mail.com</p>
                </div>
            </div>
        </div>
    </div>
</div>
<script src="https://code.jquery.com/jquery-3.5.1.slim.min.js"

```



```

    integrity="sha384-
DfXdz2htPH0lsSSs5nCTpuj/zy4C+OGpamoFVy38MVBnE+IbbVYUew+OrCXaRkfj"
    crossorigin="anonymous"></script>
<script src="https://cdn.jsdelivr.net/npm/bootstrap@4.5.3/dist/js/bootstrap.bundle.min.js"
    integrity="sha384-
ho+j7jyWK8fNQe+A12Hb8AhRq26LrZ/JpcUGGOn+Y7RsweNrtN/tE3MoK7ZeZDyx"
    crossorigin="anonymous"></script>

</body>

</html>

```

### **studentregister.html**

```

<!doctype html>
<html lang="en">

<head>
  <!-- Required meta tags -->
  <meta charset="utf-8">
  <meta name="viewport" content="width=device-width, initial-scale=1, shrink-to-fit=no">

  <!-- Bootstrap CSS -->
  <link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/bootstrap@4.5.3/dist/css/bootstra
p.min.css"
    integrity="sha384-
TX8t27EcRE3e/ihU7zmQxVncDAy5uIKz4rEkgIXeMed4M0jlfIDPvg6uqKI2xXr2" crossori
gin="anonymous">

  <title>Student Registration</title>
</head>

<body>
  <nav class="navbar navbar-expand-lg navbar-dark bg-dark">
    <a class="navbar-brand" href="/">Online Examination System</a>
    <button class="navbar-toggler" type="button" data-toggle="collapse" data-
target="#navbarSupportedContent"
    aria-controls="navbarSupportedContent" aria-expanded="false" aria-
label="Toggle navigation">
      <span class="navbar-toggler-icon"></span>
    </button>

    <div class="collapse navbar-collapse" id="navbarSupportedContent">
      <ul class="navbar-nav mr-auto">
        <li class="nav-item">
          <a class="nav-link" href="/">Home <span class="sr-
only">(current)</span></a>
        </li>
        <li class="nav-item dropdown active">

```

```

        <a class="nav-link dropdown-
toggle" href="#" id="navbarDropdown" role="button"
        data-toggle="dropdown" aria-haspopup="true" aria-expanded="false">
            Register
        </a>
        <div class="dropdown-menu" aria-labelledby="navbarDropdown">
            <a class="dropdown-item" href="/studentregister">Student</a>
            <a class="dropdown-item" href="/teacherregister">Teacher</a>
        </div>
    </li>
    <li class="nav-item dropdown">
        <a class="nav-link dropdown-
toggle" href="#" id="navbarDropdown" role="button"
        data-toggle="dropdown" aria-haspopup="true" aria-expanded="false">
            Login
        </a>
        <div class="dropdown-menu" aria-labelledby="navbarDropdown">
            <a class="dropdown-item" href="/studentlogin">Student</a>
            <a class="dropdown-item" href="/teacherlogin">Teacher</a>
        </div>
    </li>

    <li class="nav-item">
        <a class="nav-link" href="/">Logout</a>
    </li>
</ul>

</div>
</nav>
<div class="container">
    <h2 class="text-center my-3">Student Registration Form</h2>
    <form action="/studentregister" method="post">
        { % csrf_token % }
        <div class="form-group">
            <label for="exampleFormControlInput1">Name</label>
            <input type="text" class="form-
control" id="student_name" name="student_name" placeholder="Your name">
        </div>
        <div class="form-group">
            <label for="exampleFormControlInput1">Student ID</label>
            <input type="number" class="form-
control" id="student_id" name="student_id" placeholder="Your ID">
        </div>
        <div class="form-group">
            <label for="exampleFormControlInput1">Email address</label>
            <input type="email" class="form-
control" id="student_email" name="student_email"
            placeholder="name@example.com">
        </div>

```

```

        <div class="form-group">
            <label for="exampleFormControlInput1">Phone Number</label>
            <input type="phone" class="form-
control" id="student_phone" name="student_phone"
            placeholder="Your number">
        </div>
        <div class="form-group">
            <label for="exampleFormControlInput1">Username</label>
            <input type="text" class="form-
control" id="student_username" name="student_username"
            placeholder="Your username">
        </div>
        <div class="form-group">
            <label for="exampleFormControlInput1">Password</label>
            <input type="password" class="form-
control" id="student_password1" name="student_password1"
            placeholder="Your password">
        </div>
        <div class="form-group">
            <label for="exampleFormControlInput1">Confirm Password</label>
            <input type="password" class="form-
control" id="student_password2" name="student_password2"
            placeholder="Re-enter your password">
        </div>
        <button type="submit" class="btn btn-success">Register</button>
    </form>
</div>
<div>
    { % for message in messages % }
    <h3>{ { message } }</h3>
    { % endfor % }
</div>
<script src="https://code.jquery.com/jquery-3.5.1.slim.min.js"
    integrity="sha384-
DfXdz2htPH0lsSSs5nCTpuj/zy4C+OGpamoFVy38MVBnE+IbbVYUew+OrCXaRkfj"
    crossorigin="anonymous"></script>
<script src="https://cdn.jsdelivr.net/npm/bootstrap@4.5.3/dist/js/bootstrap.bundle.min.js"
    integrity="sha384-
ho+j7jyWK8fNQe+A12Hb8AhRq26LrZ/JpcUGGOn+Y7RsweNrtN/tE3MoK7ZeZDyx"
    crossorigin="anonymous"></script>

</body>

</html>

```

**teacherregister.html**

```

<!doctype html>
<html lang="en">

<head>
  <!-- Required meta tags -->
  <meta charset="utf-8">
  <meta name="viewport" content="width=device-width, initial-scale=1, shrink-to-fit=no">

  <!-- Bootstrap CSS -->
  <link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/bootstrap@4.5.3/dist/css/bootstrap.min.css"
    integrity="sha384-
TX8t27EcRE3e/ihU7zmQxVncDAy5uIKz4rEkgIXeMed4M0jlfIDPvg6uqKI2xXr2" crossorigin="anonymous">

  <title>Teacher Registration</title>
</head>

<body>
  <nav class="navbar navbar-expand-lg navbar-dark bg-dark">
    <a class="navbar-brand" href="/">Online Examination System</a>
    <button class="navbar-toggler" type="button" data-toggle="collapse" data-
target="#navbarSupportedContent"
    aria-controls="navbarSupportedContent" aria-expanded="false" aria-
label="Toggle navigation">
      <span class="navbar-toggler-icon"></span>
    </button>

    <div class="collapse navbar-collapse" id="navbarSupportedContent">
      <ul class="navbar-nav mr-auto">
        <li class="nav-item">
          <a class="nav-link" href="/">Home <span class="sr-
only">(current)</span></a>
        </li>
        <li class="nav-item dropdown active">
          <a class="nav-link dropdown-
toggle" href="#" id="navbarDropdown" role="button"
          data-toggle="dropdown" aria-haspopup="true" aria-expanded="false">
            Register
          </a>
          <div class="dropdown-menu" aria-labelledby="navbarDropdown">
            <a class="dropdown-item" href="/studentregister">Student</a>
            <a class="dropdown-item" href="/teacherregister">Teacher</a>
          </div>
        </li>
        <li class="nav-item dropdown">
          <a class="nav-link dropdown-
toggle" href="#" id="navbarDropdown" role="button"

```

```

        data-toggle="dropdown" aria-haspopup="true" aria-expanded="false">
        Login
    </a>
    <div class="dropdown-menu" aria-labelledby="navbarDropdown">
        <a class="dropdown-item" href="/studentlogin">Student</a>
        <a class="dropdown-item" href="/teacherlogin">Teacher</a>
        <!--<div class="dropdown-divider"></div>
        <a class="dropdown-item" href="#">Something else here</a-->
    </div>
</li>

<li class="nav-item">
    <a class="nav-link" href="/">Logout</a>
</li>
</ul>

</div>
</nav>
<div class="container">
    <h2 class="text-center my-3">Teacher Registration Form</h2>
    <form action="/teacherregister" method="post">
        { % csrf_token % }
        <div class="form-group">
            <label for="exampleFormControlInput1">Name</label>
            <input type="text" class="form-
control" id="teacher_name" name="teacher_name" placeholder="Your name">
        </div>
        <div class="form-group">
            <label for="exampleFormControlInput1">Teacher ID</label>
            <input type="number" class="form-
control" id="teacher_id" name="teacher_id" placeholder="Your ID">
        </div>
        <div class="form-group">
            <label for="exampleFormControlInput1">Email address</label>
            <input type="email" class="form-
control" id="teacher_email" name="teacher_email"
placeholder="name@example.com">
        </div>
        <div class="form-group">
            <label for="exampleFormControlInput1">Phone Number</label>
            <input type="phone" class="form-
control" id="teacher_phone" name="teacher_phone"
placeholder="Your number">
        </div>
        <div class="form-group">
            <label for="exampleFormControlInput1">Username</label>
            <input type="text" class="form-
control" id="teacher_username" name="teacher_username"
placeholder="Your username">

```

```

    </div>
    <div class="form-group">
      <label for="exampleFormControlInput1">Password</label>
      <input type="password" class="form-
control" id="teacher_password1" name="teacher_password1"
      placeholder="Your password">
    </div>
    <div class="form-group">
      <label for="exampleFormControlInput1">Confirm Password</label>
      <input type="password" class="form-
control" id="teacher_password2" name="teacher_password2"
      placeholder="Re-enter your password">
    </div>
    <button type="submit" class="btn btn-success">Register</button>
  </form>
</div>
<div>
  { % for message in messages % }
  <h3>{ { message} }</h3>
  { % endfor % }
</div>
<script src="https://code.jquery.com/jquery-3.5.1.slim.min.js"
  integrity="sha384-
DfXdz2htPH0lsSSs5nCTpuj/zy4C+OGpamoFVy38MVBnE+IbbVYUew+OrCXaRkfj"
  crossorigin="anonymous"></script>
<script src="https://cdn.jsdelivr.net/npm/bootstrap@4.5.3/dist/js/bootstrap.bundle.min.js"
  integrity="sha384-
ho+j7jyWK8fNQe+A12Hb8AhRq26LrZ/JpcUGGOn+Y7RsweNrtN/tE3MoK7ZeZDyx"
  crossorigin="anonymous"></script>

</body>

</html>

```

### **teacherlogin.html**

```

<!doctype html>
<html lang="en">

<head>
  <!-- Required meta tags -->
  <meta charset="utf-8">
  <meta name="viewport" content="width=device-width, initial-scale=1, shrink-to-fit=no">

  <!-- Bootstrap CSS -->
  <link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/bootstrap@4.5.3/dist/css/bootstra
p.min.css"

```

integrity="sha384-TX8t27EcRE3e/ihU7zmQxVncDAy5uIKz4rEkgIXeMed4M0jlfIDPvg6uqKI2xXr2" crossorigin="anonymous">

<title>Teacher Login</title>  
</head>

<body>

<nav class="navbar navbar-expand-lg navbar-dark bg-dark">  
 <a class="navbar-brand" href="/">Online Examination System</a>  
 <button class="navbar-toggler" type="button" data-toggle="collapse" data-target="#navbarSupportedContent" aria-controls="navbarSupportedContent" aria-expanded="false" aria-label="Toggle navigation">  
 <span class="navbar-toggler-icon"></span>  
 </button>

<div class="collapse navbar-collapse" id="navbarSupportedContent">  
 <ul class="navbar-nav mr-auto">  
 <li class="nav-item">  
 <a class="nav-link" href="/">Home <span class="sr-only">(current)</span></a>  
 </li>  
 <li class="nav-item dropdown">  
 <a class="nav-link dropdown-toggle" href="#" id="navbarDropdown" role="button" data-toggle="dropdown" aria-haspopup="true" aria-expanded="false">  
 Register  
 </a>  
 <div class="dropdown-menu" aria-labelledby="navbarDropdown">  
 <a class="dropdown-item" href="/studentregister">Student</a>  
 <a class="dropdown-item" href="/teacherregister">Teacher</a>  
 </div>  
 </li>  
 <li class="nav-item dropdown active">  
 <a class="nav-link dropdown-toggle" href="#" id="navbarDropdown" role="button" data-toggle="dropdown" aria-haspopup="true" aria-expanded="false">  
 Login  
 </a>  
 <div class="dropdown-menu" aria-labelledby="navbarDropdown">  
 <a class="dropdown-item" href="/studentlogin">Student</a>  
 <a class="dropdown-item" href="/teacherlogin">Teacher</a>  
 </div>  
 </li>  
 <li class="nav-item">  
 <a class="nav-link" href="/">Logout</a>  
 </li>

```

        </ul>
    </div>
</nav>
<div class="container">
    <h2 class="text-center my-3">Teacher Login Form</h2>
    <form action="/teacherlogin" method="post" >
        { % csrf_token % }
        <div class="form-group">
            <label for="exampleFormControlInput1">Username</label>
            <input type="text" class="form-
control" id="teacher_username" name="teacher_username" placeholder="Your username">
        </div>
        <div class="form-group">
            <label for="exampleFormControlInput1">Password</label>
            <input type="password" class="form-
control" id="teacher_password" name="teacher_password" placeholder="Your password">
        </div>
        <button type="submit" class="btn btn-success">Login</button>
    </form>
</div>
<div>
    { % for message in messages % }
    <h3>{{ message }}</h3>
    { % endfor % }
</div>
<script src="https://code.jquery.com/jquery-3.5.1.slim.min.js"
    integrity="sha384-
DfXdz2htPH0lsSSs5nCTpuj/zy4C+OGpamoFVy38MVBnE+IbbVYUew+OrCXaRkfj"
    crossorigin="anonymous"></script>
<script src="https://cdn.jsdelivr.net/npm/bootstrap@4.5.3/dist/js/bootstrap.bundle.min.js"
    integrity="sha384-
ho+j7jyWK8fNQe+A12Hb8AhRq26LrZ/JpcUGGOn+Y7RsweNrtN/tE3MoK7ZeZDyx"
    crossorigin="anonymous"></script>
</body>

</html>

```

### **studentlogin.html**

```

<!doctype html>
<html lang="en">

<head>
    <!-- Required meta tags -->
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width, initial-scale=1, shrink-to-fit=no">

    <!-- Bootstrap CSS -->

```



```
<link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/bootstrap@4.5.3/dist/css/bootstrap.min.css"
      integrity="sha384-
TX8t27EcRE3e/ihU7zmQxVncDAy5uIKz4rEkglIXeMed4M0jlfIDPvg6uqKI2xXr2" crossorigin="anonymous">
```

```
<title>Student Login</title>
</head>
```

```
<body>
  <nav class="navbar navbar-expand-lg navbar-dark bg-dark">
    <a class="navbar-brand" href="/">Online Examination System</a>
    <button class="navbar-toggler" type="button" data-toggle="collapse" data-
target="#navbarSupportedContent"
      aria-controls="navbarSupportedContent" aria-expanded="false" aria-
label="Toggle navigation">
      <span class="navbar-toggler-icon"></span>
    </button>

    <div class="collapse navbar-collapse" id="navbarSupportedContent">
      <ul class="navbar-nav mr-auto">
        <li class="nav-item">
          <a class="nav-link" href="/">Home <span class="sr-
only">(current)</span></a>
        </li>
        <li class="nav-item dropdown">
          <a class="nav-link dropdown-
toggle" href="#" id="navbarDropdown" role="button"
            data-toggle="dropdown" aria-haspopup="true" aria-expanded="false">
            Register
          </a>
          <div class="dropdown-menu" aria-labelledby="navbarDropdown">
            <a class="dropdown-item" href="/studentregister">Student</a>
            <a class="dropdown-item" href="/teacherregister">Teacher</a>
          </div>
        </li>
        <li class="nav-item dropdown active">
          <a class="nav-link dropdown-
toggle" href="#" id="navbarDropdown" role="button"
            data-toggle="dropdown" aria-haspopup="true" aria-expanded="false">
            Login
          </a>
          <div class="dropdown-menu" aria-labelledby="navbarDropdown">
            <a class="dropdown-item" href="/studentlogin">Student</a>
            <a class="dropdown-item" href="/teacherlogin">Teacher</a>
          </div>
        </li>
        <li class="nav-item">
```

```

        <a class="nav-link" href="/">Logout</a>
    </li>
</ul>
</div>
</nav>
<div class="container">
    <h2 class="text-center my-3">Student Login Form</h2>
    <form action="/studentlogin" method="post" >
        { % csrf_token % }
        <div class="form-group">
            <label for="exampleFormControlInput1">Username</label>
            <input type="text" class="form-
control" id="student_username" name="student_username" placeholder="Your username">
        </div>
        <div class="form-group">
            <label for="exampleFormControlInput1">Password</label>
            <input type="password" class="form-
control" id="student_password" name="student_password" placeholder="Your password">
        </div>
        <button type="submit" class="btn btn-success">Login</button>
    </form>
</div>
<div>
    { % for message in messages % }
    <h3>{ { message } }</h3>
    { % endfor % }
</div>
<script src="https://code.jquery.com/jquery-3.5.1.slim.min.js"
    integrity="sha384-
DfXdz2htPH0lsSSs5nCTpuj/zy4C+OGpamoFVy38MVBnE+IbbVYUew+OrCXaRkfj"
    crossorigin="anonymous"></script>
<script src="https://cdn.jsdelivr.net/npm/bootstrap@4.5.3/dist/js/bootstrap.bundle.min.js"
    integrity="sha384-
ho+j7jyWK8fNQe+A12Hb8AhRq26LrZ/JpcUGGOn+Y7RsweNrtN/tE3MoK7ZeZDyx"
    crossorigin="anonymous"></script>
</body>

</html>

```

### **studentcourse.html**

```

<!doctype html>
<html lang="en">

<head>
    <!-- Required meta tags -->
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width, initial-scale=1, shrink-to-fit=no">

```

```

<!-- Bootstrap CSS -->
<link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/bootstrap@4.5.3/dist/css/bootstrap.min.css"
      integrity="sha384-
TX8t27EcRE3e/ihU7zmQxVncDAy5uIKz4rEkglIXeMed4M0jlfIDPvg6uqKI2xXr2" crossorigin="anonymous">

<title>Student Course Selection</title>
</head>

<body>
  <nav class="navbar navbar-expand-lg navbar-dark bg-dark">
    <a class="navbar-brand" href="/">Online Examination System</a>
    <button class="navbar-toggler" type="button" data-toggle="collapse" data-
target="#navbarSupportedContent"
      aria-controls="navbarSupportedContent" aria-expanded="false" aria-
label="Toggle navigation">
      <span class="navbar-toggler-icon"></span>
    </button>

    <div class="collapse navbar-collapse" id="navbarSupportedContent">
      <ul class="navbar-nav mr-auto">
        <li class="nav-item">
          <a class="nav-link" href="/">Home <span class="sr-
only">(current)</span></a>
        </li>
        <li class="nav-item dropdown">
          <a class="nav-link dropdown-
toggle" href="#" id="navbarDropdown" role="button"
            data-toggle="dropdown" aria-haspopup="true" aria-expanded="false">
            Register
          </a>
          <div class="dropdown-menu" aria-labelledby="navbarDropdown">
            <a class="dropdown-item" href="/studentregister">Student</a>
            <a class="dropdown-item" href="/teacherregister">Teacher</a>
          </div>
        </li>
        <li class="nav-item dropdown">
          <a class="nav-link dropdown-
toggle" href="#" id="navbarDropdown" role="button"
            data-toggle="dropdown" aria-haspopup="true" aria-expanded="false">
            Login
          </a>
          <div class="dropdown-menu" aria-labelledby="navbarDropdown">
            <a class="dropdown-item" href="/studentlogin">Student</a>
            <a class="dropdown-item" href="/teacherlogin">Teacher</a>
          </div>
        </li>
      </ul>
    </div>
  </nav>

```

```

        <li class="nav-item">
            <a class="nav-link" href="/">Logout</a>
        </li>
    </ul>
</div>
</nav>
<div class="container mt-3">
    <h1 class="text-center my-3">Welcome to Course Selection</h1>
    <p class="text-center my-3">Select your course!</p>
    <div class="row">
        <div class="col-md-4">
            <div class="card" style="width: 18rem;">
                
                <div class="card-body">
                    <h5 class="card-title">Maths</h5>
                    <p class="card-
text">Course ID:1521<br>Course Name:Maths<br>Duration:30 minutes<br>No. of question
s:2</p>
                    <a href="/studentmatheexam" class="btn btn-primary">Attend exam</a>
                </div>
            </div>
        </div>
        <div class="col-md-4">
            <div class="card" style="width: 18rem;">
                
                <div class="card-body">
                    <h5 class="card-title">English</h5>
                    <p class="card-
text">Course ID:1522<br>Course Name:English<br>Duration:30 minutes<br>No. of questio
ns:2</p>
                    <a href="#" class="btn btn-primary">Attend exam</a>
                </div>
            </div>
        </div>
        <div class="col-md-4">
            <div class="card" style="width: 18rem;">
                
                <div class="card-body">
                    <h5 class="card-title">Science</h5>
                    <p class="card-
text">Course ID:1523<br>Course Name:Science<br>Duration:30 minutes<br>No. of questio
ns:2</p>
                    <a href="#" class="btn btn-primary">Attend exam</a>
                </div>
            </div>
        </div>
    </div>

```

```

    </div>
  </div>

  </div>
  <script src="https://code.jquery.com/jquery-3.5.1.slim.min.js"
    integrity="sha384-
DfXdz2htPH0lsSSs5nCTpuj/zy4C+OGpamoFVy38MVBnE+IbbVYUew+OrCXaRkfj"
    crossorigin="anonymous"></script>
  <script src="https://cdn.jsdelivr.net/npm/bootstrap@4.5.3/dist/js/bootstrap.bundle.min.js"
    integrity="sha384-
ho+j7jyWK8fNQe+A12Hb8AhRq26LrZ/JpcUGGOn+Y7RsweNrtN/tE3MoK7ZeZDyx"
    crossorigin="anonymous"></script>
</body>

</html>

```

### **teachercourse.html**

```

<!doctype html>

<html lang="en">

<head>
  <!-- Required meta tags -->
  <meta charset="utf-8">
  <meta name="viewport" content="width=device-width, initial-scale=1, shrink-to-fit=no">

  <!-- Bootstrap CSS -->
  <link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/bootstrap@4.5.3/dist/css/bootstrap.min.css"
    integrity="sha384-
TX8t27EcRE3e/ihU7zmQxVncDAy5uIKz4rEkglIXeMed4M0jlfIDPvg6uqKI2xXr2" crossori
gin="anonymous">

  <title>Teacher Course Selection</title>
</head>

<body>
  <nav class="navbar navbar-expand-lg navbar-dark bg-dark">
    <a class="navbar-brand" href="/">Online Examination System</a>
    <button class="navbar-toggler" type="button" data-toggle="collapse" data-
target="#navbarSupportedContent"
    aria-controls="navbarSupportedContent" aria-expanded="false" aria-
label="Toggle navigation">
      <span class="navbar-toggler-icon"></span>
    </button>

    <div class="collapse navbar-collapse" id="navbarSupportedContent">

```

```

        <ul class="navbar-nav mr-auto">
            <li class="nav-item">
                <a class="nav-link" href="/">Home <span class="sr-
only">(current)</span></a>
            </li>
            <li class="nav-item dropdown">
                <a class="nav-link dropdown-
toggle" href="#" id="navbarDropdown" role="button"
                data-toggle="dropdown" aria-haspopup="true" aria-expanded="false">
                    Register
                </a>
                <div class="dropdown-menu" aria-labelledby="navbarDropdown">
                    <a class="dropdown-item" href="/studentregister">Student</a>
                    <a class="dropdown-item" href="/teacherregister">Teacher</a>
                </div>
            </li>
            <li class="nav-item dropdown">
                <a class="nav-link dropdown-
toggle" href="#" id="navbarDropdown" role="button"
                data-toggle="dropdown" aria-haspopup="true" aria-expanded="false">
                    Login
                </a>
                <div class="dropdown-menu" aria-labelledby="navbarDropdown">
                    <a class="dropdown-item" href="/studentlogin">Student</a>
                    <a class="dropdown-item" href="/teacherlogin">Teacher</a>
                </div>
            </li>
            <li class="nav-item">
                <a class="nav-link" href="/">Logout</a>
            </li>
        </ul>
    </div>
</nav>
<div class="container mt-3">
    <h1 class="text-center my-3">Welcome to Course Selection</h1>
    <p class="text-center my-3">Select your course!</p>
    <div class="row">
        <div class="col-md-4">
            <div class="card" style="width: 18rem;">
                
                <div class="card-body">
                    <h5 class="card-title">Maths</h5>
                    <p class="card-
text">Course ID:1521<br>Course Name:Maths<br>Duration:30 minutes<br>No. of question
s:2</p>
                    <a href="/teachermathexam" class="btn btn-primary">Upload exam</a>

```

```

        </div>
    </div>
</div>
<div class="col-md-4">
    <div class="card" style="width: 18rem;">
        
        <div class="card-body">
            <h5 class="card-title">English</h5>
            <p class="cardtext">Course ID:1522<br>Course Name:English<br>Duration:
30 minutes<br>No. of questions:2</p>
            <a href="/teacherengexam" class="btn btn-primary">Upload exam</a>
        </div>
    </div>
</div>
<div class="col-md-4">
    <div class="card" style="width: 18rem;">
        
        <div class="card-body">
            <h5 class="card-title">Science</h5>
            <p class="cardtext">Course ID:1523<br>Course Name:Science<br>Duration:
30 minutes<br>No. of questions:2</p>
            <a href="teachersciexam" class="btn btn-primary">Upload exam</a>
        </div>
    </div>
</div>
</div>
</div>

</div>
<script src="https://code.jquery.com/jquery-3.5.1.slim.min.js"
    integrity="sha384-
DfXdz2htPH0lsSSs5nCTpuj/zy4C+OGpamoFVy38MVBnE+IbbVYUew+OrCXaRkfj"
    crossorigin="anonymous"></script>
<script src="https://cdn.jsdelivr.net/npm/bootstrap@4.5.3/dist/js/bootstrap.bundle.min.js"
    integrity="sha384-
ho+j7jyWK8fNQe+A12Hb8AhRq26LrZ/JpcUGGOn+Y7RsweNrtN/tE3MoK7ZeZDyx"
    crossorigin="anonymous"></script>
</body>

</html>

```

### **teachermathexam.html**

```

<!doctype html>
<html lang="en">

<head>

```

```

<!-- Required meta tags -->
<meta charset="utf-8">
<meta name="viewport" content="width=device-width, initial-scale=1, shrink-to-fit=no">

<!-- Bootstrap CSS -->
<link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/bootstrap@4.5.3/dist/css/bootstrap.min.css"
      integrity="sha384-
TX8t27EcRE3e/ihU7zmQxVncDAy5uIKz4rEkglIXeMed4M0jlfIDPvg6uqKI2xXr2" crossorigin="anonymous">

<title>Maths</title>
</head>

<body>
  <nav class="navbar navbar-expand-lg navbar-dark bg-dark">
    <a class="navbar-brand" href="/">Online Examination System</a>
    <button class="navbar-toggler" type="button" data-toggle="collapse" data-target="#navbarSupportedContent"
      aria-controls="navbarSupportedContent" aria-expanded="false" aria-label="Toggle navigation">
      <span class="navbar-toggler-icon"></span>
    </button>

    <div class="collapse navbar-collapse" id="navbarSupportedContent">
      <ul class="navbar-nav mr-auto">
        <li class="nav-item">
          <a class="nav-link" href="/">Home <span class="sr-only">(current)</span></a>
        </li>
        <li class="nav-item dropdown">
          <a class="nav-link dropdown-toggle" href="#" id="navbarDropdown" role="button"
            data-toggle="dropdown" aria-haspopup="true" aria-expanded="false">
            Register
          </a>
          <div class="dropdown-menu" aria-labelledby="navbarDropdown">
            <a class="dropdown-item" href="/studentregister">Student</a>
            <a class="dropdown-item" href="/teacherregister">Teacher</a>
          </div>
        </li>
        <li class="nav-item dropdown">
          <a class="nav-link dropdown-toggle" href="#" id="navbarDropdown" role="button"
            data-toggle="dropdown" aria-haspopup="true" aria-expanded="false">
            Login
          </a>
          <div class="dropdown-menu" aria-labelledby="navbarDropdown">

```



```

        <a class="dropdown-item" href="/studentlogin">Student</a>
        <a class="dropdown-item" href="/teacherlogin">Teacher</a>
    </div>
</li>
<li class="nav-item">
    <a class="nav-link" href="/">Logout</a>
</li>
</ul>
</div>
</nav>
<div class="container">
    <h2 class="text-center my-3">Course ID:1521<br>Course Name:Maths</h2>
    <p class="text-center my-3">Upload your maths question here!</p>
    <form action="/teachermathexam" method="post">
        { % csrf_token % }
        <div class="form-group">
            <label for="exampleFormControlInput1">Question ID</label>
            <input type="number" class="form-
control" id="math_question_id" name="math_question_id"
placeholder="Question number">
        </div>
        <div class="form-group">
            <label for="exampleFormControlInput1">Question</label>
            <input type="text" class="form-
control" id="math_question" name="math_question"
placeholder="Your question">
        </div>
        <div class="form-group">
            <label for="exampleFormControlInput1">Choice 1</label>
            <input type="text" class="form-control" id="math_choice1" name="math_choice1"
placeholder="Enter a choice">
        </div>
        <div class="form-group">
            <label for="exampleFormControlInput1">Choice 2</label>
            <input type="text" class="form-control" id="math_choice2" name="math_choice2"
placeholder="Enter a choice">
        </div>
        <div class="form-group">
            <label for="exampleFormControlInput1">Choice 3</label>
            <input type="text" class="form-control" id="math_choice3" name="math_choice3"
placeholder="Enter a choice">
        </div>
        <div class="form-group">
            <label for="exampleFormControlInput1">Choice 4</label>
            <input type="text" class="form-control" id="math_choice4" name="math_choice4"
placeholder="Enter a choice">
        </div>
        <button type="submit" class="btn btn-success">Submit</button>
    </form>
</div>

```

```

    </form>
</div>
<div>
    { % for message in messages % }
    <h3>{ { message } }</h3>
    { % endfor % }
</div>
<script src="https://code.jquery.com/jquery-3.5.1.slim.min.js"
    integrity="sha384-
DfXdz2htPH0lsSSs5nCTpuj/zy4C+OGpamoFVy38MVBnE+IbbVYUew+OrCXaRkfj"
    crossorigin="anonymous"></script>
<script src="https://cdn.jsdelivr.net/npm/bootstrap@4.5.3/dist/js/bootstrap.bundle.min.js"
    integrity="sha384-
ho+j7jyWK8fNQe+A12Hb8AhRq26LrZ/JpcUGGOn+Y7RsweNrtN/tE3MoK7ZeZDyx"
    crossorigin="anonymous"></script>
</body>

</html>

```

### **studentmathexam.html**

```

<!doctype html>
<html lang="en">

<head>
    <!-- Required meta tags -->
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width, initial-scale=1, shrink-to-fit=no">

    <!-- Bootstrap CSS -->
    <link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/bootstrap@4.5.3/dist/css/bootstra
p.min.css"
        integrity="sha384-
TX8t27EcRE3e/ihU7zmQxVncDAy5uIKz4rEkgIXeMed4M0jlfIDPvg6uqKI2xXr2" crossori
gin="anonymous">

    <title>Maths exam</title>
</head>

<body>
    <nav class="navbar navbar-expand-lg navbar-dark bg-dark">
        <a class="navbar-brand" href="/">Online Examination System</a>
        <button class="navbar-toggler" type="button" data-toggle="collapse" data-
target="#navbarSupportedContent"
            aria-controls="navbarSupportedContent" aria-expanded="false" aria-
label="Toggle navigation">
            <span class="navbar-toggler-icon"></span>
        </button>

```

```

<div class="collapse navbar-collapse" id="navbarSupportedContent">
  <ul class="navbar-nav mr-auto">
    <li class="nav-item">
      <a class="nav-link" href="/">Home <span class="sr-
only">(current)</span></a>
    </li>
    <li class="nav-item dropdown">
      <a class="nav-link dropdown-
toggle" href="#" id="navbarDropdown" role="button"
      data-toggle="dropdown" aria-haspopup="true" aria-expanded="false">
        Register
      </a>
      <div class="dropdown-menu" aria-labelledby="navbarDropdown">
        <a class="dropdown-item" href="/studentregister">Student</a>
        <a class="dropdown-item" href="/teacherregister">Teacher</a>
      </div>
    </li>
    <li class="nav-item dropdown">
      <a class="nav-link dropdown-
toggle" href="#" id="navbarDropdown" role="button"
      data-toggle="dropdown" aria-haspopup="true" aria-expanded="false">
        Login
      </a>
      <div class="dropdown-menu" aria-labelledby="navbarDropdown">
        <a class="dropdown-item" href="/studentlogin">Student</a>
        <a class="dropdown-item" href="/teacherlogin">Teacher</a>
      </div>
    </li>
    <li class="nav-item">
      <a class="nav-link" href="/">Logout</a>
    </li>
  </ul>
</div>
</nav>
<div class="container">
  <h2 class="text-center my-3">Course ID:1521<br>Course Name:Maths</h2>
  <p class="text-center my-3">Choose the correct answer!</p>
  <form action="/studentmatheexam">
    <label for="Question ID">{{ question_id1 }}</label>
    <label for="Question">{{ question1 }}</label><br>
    <label for="Choice 1">(a) {{ choice11 }}</label><br>
    <label for="Choice 2">(b) {{ choice21 }}</label><br>
    <label for="Choice 3">(c) {{ choice31 }}</label><br>
    <label for="Choice 4">(d) {{ choice41 }}</label><br>
    <div class="form-group">
      <label for="exampleFormControlSelect1">Select the correct option</label>
      <select class="form-control" id="exampleFormControlSelect1">

```

```

        <option>a</option>
        <option>b</option>
        <option>c</option>
        <option>d</option>
    </select>
</div>
<label for="Question ID">{{ question_id2 }}</label>
<label for="Question">{{ question2 }}</label><br>
<label for="Choice 1">(a) {{ choice12 }}</label><br>
<label for="Choice 2">(b) {{ choice22 }}</label><br>
<label for="Choice 3">(c) {{ choice32 }}</label><br>
<label for="Choice 4">(d) {{ choice42 }}</label><br>
<div class="form-group">
    <label for="exampleFormControlSelect2">Select the correct option</label>
    <select class="form-control" id="exampleFormControlSelect2">
        <option>a</option>
        <option>b</option>
        <option>c</option>
        <option>d</option>
    </select>
</div>
<a href="/submit" class="btn btn-primary btn-lg active" role="button" aria-
pressed="true">Submit</a>
</form>
</div>
<div>
    { % for message in messages % }
    <h3>{{ message }}</h3>
    { % endfor % }
</div>
<script src="https://code.jquery.com/jquery-3.5.1.slim.min.js"
    integrity="sha384-
DfXdz2htPH0lsSSs5nCTpuj/zy4C+OGpamoFVy38MVBnE+IbbVYUew+OrCXaRkfj"
    crossorigin="anonymous"></script>
<script src="https://cdn.jsdelivr.net/npm/bootstrap@4.5.3/dist/js/bootstrap.bundle.min.js"
    integrity="sha384-
ho+j7jyWK8fNQe+A12Hb8AhRq26LrZ/JpcUGGOn+Y7RsweNrtN/tE3MoK7ZeZDyx"
    crossorigin="anonymous"></script>
</body>

</html>

```

### **submit.html**

```

<!doctype html>
<html lang="en">

<head>

```

```

<!-- Required meta tags -->
<meta charset="utf-8">
<meta name="viewport" content="width=device-width, initial-scale=1, shrink-to-fit=no">

<!-- Bootstrap CSS -->
<link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/bootstrap@4.5.3/dist/css/bootstrap.min.css"
      integrity="sha384-
TX8t27EcRE3e/ihU7zmQxVncDAy5uIKz4rEkglIXeMed4M0jlfIDPvg6uqKI2xXr2" crossorigin="anonymous">

<title>Home</title>
</head>

<body>
  <nav class="navbar navbar-expand-lg navbar-dark bg-dark">
    <a class="navbar-brand" href="/">Online Examination System</a>
    <button class="navbar-toggler" type="button" data-toggle="collapse" data-target="#navbarSupportedContent"
      aria-controls="navbarSupportedContent" aria-expanded="false" aria-label="Toggle navigation">
      <span class="navbar-toggler-icon"></span>
    </button>

    <div class="collapse navbar-collapse" id="navbarSupportedContent">
      <ul class="navbar-nav mr-auto">
        <li class="nav-item active">
          <a class="nav-link" href="/">Home <span class="sr-only">(current)</span></a>
        </li>
        <li class="nav-item dropdown">
          <a class="nav-link dropdown-toggle" href="#" id="navbarDropdown" role="button"
            data-toggle="dropdown" aria-haspopup="true" aria-expanded="false">
            Register
          </a>
          <div class="dropdown-menu" aria-labelledby="navbarDropdown">
            <a class="dropdown-item" href="/studentregister">Student</a>
            <a class="dropdown-item" href="/teacherregister">Teacher</a>
          </div>
        </li>
        <li class="nav-item dropdown">
          <a class="nav-link dropdown-toggle" href="#" id="navbarDropdown" role="button"
            data-toggle="dropdown" aria-haspopup="true" aria-expanded="false">
            Login
          </a>
          <div class="dropdown-menu" aria-labelledby="navbarDropdown">

```

```

        <a class="dropdown-item" href="/studentlogin">Student</a>
        <a class="dropdown-item" href="/teacherlogin">Teacher</a>
    </div>
</li>
<li class="nav-item">
    <a class="nav-link" href="/">Logout</a>
</li>

</ul>

</div>
</nav>
<h2 class="text-center my-3">Your answers have been submitted successfully.</h2>
<script src="https://code.jquery.com/jquery-3.5.1.slim.min.js"
    integrity="sha384-
DfXdz2htPH0lsSSs5nCTpuj/zy4C+OGpamoFVy38MVBnE+IbbVYUew+OrCXaRkfj"
    crossorigin="anonymous"></script>
<script src="https://cdn.jsdelivr.net/npm/bootstrap@4.5.3/dist/js/bootstrap.bundle.min.js"
    integrity="sha384-
ho+j7jyWK8fNQe+A12Hb8AhRq26LrZ/JpcUGGOn+Y7RsweNrtN/tE3MoK7ZeZDyx"
    crossorigin="anonymous"></script>
</body>

</html>


```

## **OUTPUT:**

### **Home page:**


Online Examination System
Home
Register
Login

## Welcome to Online Examination System




**Easy**

Provides the complete examination environment.



**User Friendly**

Conduct and attend exams from the comfort of your home.



**Contact**

For further queries contact us at [onlineexam@mail.com](mailto:onlineexam@mail.com)

## Register :

Online Examination System

Home


Register ▾

Login ▾

Student


Teacher

# Welcome to Online Examination System




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## Register -> Student:

### Student Registration Form

Name

Student ID

Email address

Phone Number

Username

Password

Confirm Password

Register

## Register -> Teacher:

### Teacher Registration Form

Name

Teacher ID

Email address

Phone Number

Username

Password

Confirm Password

## Login:

Online Examination System [Home](#) [Register](#) [Login](#)

Student  
Teacher

## to Online Examination System



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## Login -> Student:

Online Examination System [Home](#) [Register](#) [Login](#) [Logout](#)

### Student Login Form

Username

riasne

Password

.....

Login

## Login -> Teacher:

Online Examination System [Home](#) [Register](#) [Login](#) [Logout](#)

### Teacher Login Form

Username

harryme

Password

.....

Login

If the credentials are invalid:

Online Examination System

[Home](#) [Register](#) [Login](#) [Logout](#)

### Student Login Form

Username

Password

Login

Invalid Username or Password


Student course selection page:

Online Examination System

[Home](#) [Register](#) [Login](#) [Logout](#)

## Welcome to Course Selection


Select your course!



### Maths

Course ID:1521  
Course Name:Maths  
Duration:30 minutes  
No. of questions:2


Attend exam



### English

Course ID:1522  
Course Name:English  
Duration:30 minutes  
No. of questions:2

Attend exam



### Science

Course ID:1523  
Course Name:Science  
Duration:30 minutes  
No. of questions:2


Attend exam

## Teacher course selection page:

Online Examination System   Home   Register ▾   Login ▾   Logout

### Welcome to Course Selection


Select your course!



**Maths**

Course ID:1521  
Course Name:Maths  
Duration:30 minutes  
No. of questions:2


Upload exam



**English**

Course ID:1522  
Course Name:English  
Duration:30 minutes  
No. of questions:2

Upload exam



**Science**

Course ID:1523  
Course Name:Science  
Duration:30 minutes  
No. of questions:2

Upload exam

## Teacher course selection -> Maths -> Upload exam:

Course ID:1521  
Course Name:Maths

Upload your maths question here!

Question ID

Question number

Question

Your question

Choice 1

Enter a choice

Choice 2

Enter a choice

Choice 3

Enter a choice

Choice 4

Enter a choice

Submit

## Student course selection -> Maths -> Attend exam

Online Examination System [Home](#) [Register](#) [Login](#) [Logout](#)

Course ID:1521  
Course Name:Maths

Choose the correct answer!

1) What is the square of 5?

- (a) 55
- (b) 50
- (c) 25
- (d) 10

Select the correct option

a

a

b

c

d

- (b) 40
- (c) 32
- (d) 11

Select the correct option

a

Submit

Online Examination System [Home](#) [Register](#) [Login](#) [Logout](#)

Course ID:1521  
Course Name:Maths

Choose the correct answer!

1) What is the square of 5?

- (a) 55
- (b) 50
- (c) 25
- (d) 10

Select the correct option

c

2) What is the product of 5 and 8?

- (a) 76
- (b) 40
- (c) 32
- (d) 11

Select the correct option

b

Submit

After submitting the exam:

Online Examination System Home Register Login Logout

Your answers have been submitted successfully.

Logout:

Online Examination System Home Register Login

## Welcome to Online Examination System



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## RESULT:

Hence Online examination system has been successfully implemented.