Class Assignment Week 9

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Q1 code

Urls.py

```python
from django.urls import path
from . import views

urlpatterns = [
path('register/', views.register, name='register'),
path('success/', views.success, name='success'),
]
```

Forms.py

```python
from django import forms

class RegistrationForm(forms.Form):
username = forms.CharField(max_length=100, required=True,
widget=forms.TextInput(attrs={'placeholder': 'Username'}))
password = forms.CharField(widget=forms.PasswordInput(attrs={'placeholder': 'Password'}),
required=False)
email = forms.EmailField(widget=forms.EmailInput(attrs={'placeholder': 'Email'}), required=False)
contact_number = forms.CharField(max_length=15, widget=forms.TextInput(attrs={'placeholder':
'Contact Number'}), required=False)
```

Urls.py

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

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

Register.html

```
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>Register</title>
<style>
body {
background-color: #121212;
color: white;
font-family: Arial, sans-serif;
}
h1 {
text-align: center;
font-size: 2.5rem;
}
.form-container {
width: 300px;
margin: 0 auto;
padding: 20px;
background-color: #333;
border-radius: 10px;
}
input {
width: 100%;
padding: 10px;
margin-bottom: 15px;
border-radius: 5px;
border: 1px solid #555;
background-color: #444;
color: white;
}
button {
```
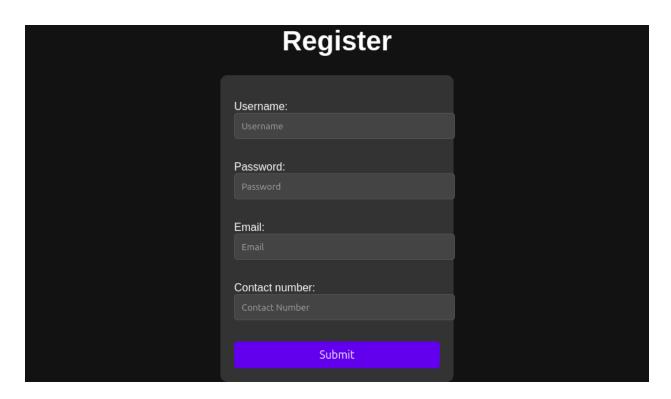
```
    width: 100%;
    padding: 10px;
    background-color: #6200EE;
    color: white;
    border: none;
    border-radius: 5px;
    font-size: 1rem;
    cursor: pointer;
}
button:hover {
    background-color: #3700B3;
}
</style>
</head>
<body>
<h1>Register</h1>
<div class="form-container">
<form method="POST">
{% csrf_token %}
{{ form.as_p }}
<button type="submit">Submit</button>
</form>
</div>
</body>
</html>
```

Success.html

```
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>Success</title>
<style>
body {
    background-color: #121212;
    color: white;
    font-family: Arial, sans-serif;
}
```

```
h1 {
text-align: center;
font-size: 3rem;
}
.success-container {
text-align: center;
padding: 20px;
margin: 0 auto;
width: 300px;
background-color: #333;
border-radius: 10px;
}
.details {
font-size: 1.2rem;
margin-top: 20px;
}
</style>
</head>
<body>
<h1>Welcome {{ username }}</h1>
<div class="success-container">
<p class="details">Email: {{ email }}</p>
<p class="details">Contact Number: {{ contact_number }}</p>
</div>
</body>
</html>
```

OUTPUT

Q2 code

Urls.py

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

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

Urls.py

```python
from django.urls import path
from .views import vote, results

urlpatterns = [
path('', vote, name='vote'),
path('results/', results, name='results'),
]
```

Vote.html

```
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>Vote</title>
<style>
body {
font-family: Arial, sans-serif;
background-color: #f4f4f4;
text-align: center;
margin-top: 50px;
}
.container {
background: white;
padding: 20px;
width: 300px;
margin: auto;
border-radius: 10px;
box-shadow: 0px 0px 10px rgba(0, 0, 0, 0.1);
}
button {
background: #007BFF;
color: white;
border: none;
padding: 10px;
width: 100%;
margin-top: 10px;
border-radius: 5px;
cursor: pointer;
}
button:hover {
background: #0056b3;
}
</style>
</head>
<body>
```

```
<div class="container">
<h2>How is the book ASP.NET with C# by Vipul Prakashan?</h2>
<form method="POST">
{% csrf_token %}
<input type="radio" name="choice" value="Good"> Good <br>
<input type="radio" name="choice" value="Satisfactory"> Satisfactory <br>
<input type="radio" name="choice" value="Bad"> Bad <br>
<button type="submit">Vote</button>
</form>
</div>
</body>
</html>
```

Results.html

```
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>Results</title>
<style>
body {
font-family: Arial, sans-serif;
background-color: #f4f4f4;
text-align: center;
margin-top: 50px;
}
.container {
background: white;
padding: 20px;
width: 300px;
margin: auto;
border-radius: 10px;
box-shadow: 0px 0px 10px rgba(0, 0, 0, 0.1);
}
.result {
font-size: 20px;
font-weight: bold;
margin: 10px 0;
```

```
}
.back {
background: #007BFF;
color: white;
border: none;
padding: 10px;
width: 100%;
margin-top: 10px;
border-radius: 5px;
cursor: pointer;
}
.back:hover {
background: #0056b3;
}
</style>
</head>
<body>
<div class="container">
<h2>Voting Results</h2>
<div class="result">Good: {{ percentages.Good|default:"0" }}%</div>
<div class="result">Satisfactory: {{ percentages.Satisfactory|default:"0" }}%</div>
<div class="result">Bad: {{ percentages.Bad|default:"0" }}%</div>
<a href="{% url 'vote' %}"><button class="back">Back to Voting</button></a>
</div>
</body>
</html>
```

Models.py

```
from django.db import models

class Vote(models.Model):
choice_options = [
('Good', 'Good'),
('Satisfactory', 'Satisfactory'),
('Bad', 'Bad'),
]
choice = models.CharField(max_length=20, choices=choice_options)
def __str__(self):
return self.choice
```

OUTPUT

How is the book ASP.NET with C# by Vipul Prakashan?

○ Good
○ Satisfactory
○ Bad

[Vote]

Voting Results

Good: 66.67%
Satisfactory: 16.67%
Bad: 16.67%

[Back to Voting]