Events, Directives and Data Binding / Assess

Display Profile Pic using ngClass

app.component.html :-

```html
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Document</title>
</head>
<body>
  <div class="body">
    <h1 id="heading">Profile Pic Styling</h1>
    <form [formGroup]="profileForm" (ngSubmit)="applyStyle()">
      <div class="select-box">
        <label for="edge">Rounded Edge</label>
        <select id="edge" formControlName="edge">
          <option value="Rounded Edge">Rounded Edge</option>
          <option value="Sharp Edge">Sharp Edge</option>
        </select>
      </div>
      <div class="select-box">
        <label for="size">Size</label>
        <select id="size" formControlName="size">
          <option value="Medium">Medium</option>
          <option value="Small">Small</option>
          <option value="Large">Large</option>
        </select>
      </div>
      <button id="apply-style" type="submit">Apply Style</button>
    </form>
    <div class="pro-pic" [ngClass]="{ 'pro-pic-
sharp': edge === 'Sharp Edge', 'pro-pic-bordered': edge === 'Rounded Edge' }">
      <img src="assets/images/ProPic.jpg" alt="profile-
pic" [ngClass]="{ 'medium': size === 'Medium', 'small': size === 'Small', 'large'
: size === 'Large' }"  id="pro-pic">
    </div>
  </div>
</body>
</html>
```

app.component.ts :-

```typescript
import { Component } from '@angular/core';
import {FormControl} from '@angular/forms';
import { FormGroup } from '@angular/forms';


@Component({
  selector: 'app-root',
  templateUrl: './app.component.html',
  styleUrls: ['./app.component.css']
})
export class AppComponent {

  edge:string;
  size:string;

profileForm = new FormGroup({
  edge: new FormControl(''),
  size: new FormControl('')
});

  applyStyle(){
    this.edge = this.profileForm.get('edge').value;
    this.size = this.profileForm.get('size').value;
  }
}
```

app.component.css :- `.body {`

```css
    height:450px;
    width:580px;
    border-radius: 1px;
    margin-bottom: 15px;
    background: #fff;
    border: 1px solid #f3f3f3;
    box-shadow: 0px 2px 2px rgba(0, 0, 0, 0.3);
    padding: 55px;
    margin-left:400px;
    margin-top: 100px;
}
.select-box {
    max-width: 500px;
    margin-left: 5px;
    margin-top:15px;
    display: inline-block;
```

```css
}
.pro-pic-sharp {
    background-color: #e4e4e4;
    height: 130px;
    margin-top:10px;
    width:150px;
    margin-left:150px;
}
.pro-pic-bordered {
    background-color: #e4e4e4;
    height: 130px;
    margin-top:10px;
    width:150px;
    margin-left:150px;
    border-radius: 55px;
}

.medium {
    height:100px;
    width:100px;
    margin-left:24px;
    margin-top:12px;
}
.large {
    height:110px;
    width:110px;
    margin-left:24px;
    margin-top:10px;
}
.small {
    height:70px;
    width:70px;
    margin-left:24px;
    margin-top:10px;
    margin-left: 39px;
    margin-top: 23px;
}
```

app.module.ts :-

```typescript
import { BrowserModule } from '@angular/platform-browser';
import { NgModule } from '@angular/core';
import { FormsModule, ReactiveFormsModule } from '@angular/forms';

import { AppComponent } from './app.component';
```

```
@NgModule({
  declarations: [AppComponent],
  imports: [BrowserModule, FormsModule, ReactiveFormsModule],
  providers: [],
  bootstrap: [AppComponent]
})
export class AppModule {}
```