

## Form Validations

### App.component.html:

```
<form [formGroup]="signupForm" (ngSubmit)="submitForm()">
  <div>
    <label for="username">Username:</label>
    <input type="text" id="username" name="username" formControlName="username"
required>
    <div *ngIf="signupForm?.get('username')?.errors?.['required']">Username is
required.</div>
    <div *ngIf="signupForm?.get('username')?.errors?.['minlength']">Username must
be at
least 5 characters long.</div>
  </div>
  <div>
    <label for="email">Email:</label>
    <input type="email" id="email" name="email" formControlName="email" required>
    <div *ngIf="signupForm?.get('email')?.errors?.['required']">Email is
required.</div>
    <div *ngIf="signupForm?.get('email')?.errors?.['email']">Invalid email
format.</div>
  </div>
  <div>
    <label for="password">Password:</label>
    <input type="password" id="password" name="password"
formControlName="password"
required>
    <div *ngIf="signupForm?.get('password')?.errors?.['required']">Password is
required.</div>
    <div *ngIf="signupForm?.get('password')?.errors?.['minlength']">Password must
be at
least 8 characters long.</div>
  </div>
  <button type="submit">Sign Up</button>
</form>
```

### App.component.css:

```
form {
  max-width: 400px;
  margin: 0 auto;
}

div {
  margin-bottom: 10px;
}

label {
```

```

display: block;
font-weight: bold;
}

input[type="text"],
input[type="email"],
input[type="password"] {
width: 100%;
padding: 5px;
}

button[type="submit"] {
background-color: #007bff;
color: #fff;
padding: 10px 20px;
border: none;
cursor: pointer;
}

```

### App.component.ts:

```

import { Component, OnInit } from '@angular/core';
import { FormBuilder, FormGroup, Validators } from '@angular/forms';
@Component({
  selector: 'app-root',
  templateUrl: './app.component.html',
  styleUrls: ['./app.component.css']
})
export class AppComponent {
  title(title: any) {
    throw new Error('Method not implemented.');
```

## App.module.ts:

```
import { NgModule } from '@angular/core';
import { ReactiveFormsModule } from '@angular/forms';
import { BrowserModule } from '@angular/platform-browser';
import { AppRoutingModule } from './app-routing.module';
import { AppComponent } from './app.component';

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

## Output:

