

Application.component.html -

```
<!DOCTYPE html>
<html>
<head>
  <meta charset="utf-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <title>Page Title</title>
</head>
<body style="padding:40px ">
  <p style="text-align: center;font-size: 30px"> Hello <input type="text" placeholder="Your name"
  (input)="ontyping($event)"/>, Welcome to the <b>angCare!</b></p>
  <p style="text-align: center;font-size: 20px">Hello {{name}}<br>I am Joe, your personal assistant! I
  will guide you further...</p>
  <div style="text-align:left;padding: 20px">
    <p> Click on Sign up to create your account with angCare: <button (click)="signup()" class="btn btn-
    primary" [routerLink]="/signup">Sign up with {{title}}</button>  : {{status}}</p>
    <p> Click on Sign up to create your account with angCare: <button>Sign In </button></p>
  </div>

</body>
</html>
<router-outlet></router-outlet>
```

Application.component.ts -

```
import { Component,OnInit } from '@angular/core';
import { FormBuilder, FormGroup, Validators } from '@angular/forms';
import { Title } from '@angular/platform-browser';
```

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

```
export class AppComponent {

  constructor(private formBuilder: FormBuilder) { }
  title = 'angCare';
  status = 'You haven\'t signed up yet';
  name = "";

  ontyping(event:Event) {

    this.name = (<HTMLInputElement>event.target).value;
  }
  signup() {

    this.status = 'Oops! We are working on it!';

  }

}
```

Application.module.ts -

```
import { BrowserModule } from '@angular/platform-browser';
import { NgModule } from '@angular/core';
import { RouterModule, Routes } from '@angular/router'
import { AppRoutingModuleModule } from './app-routing.module';
import { AppComponent } from './app.component';
import { ReactiveFormsModule } from '@angular/forms'
import { SignupComponent } from './signup/signup.component';
import { SigninComponent } from './signin/signin.component';
```

```
const routes: Routes = [{
  path:'',
  component:AppComponent
},
{
  path:'signup',
  component:SignupComponent
},
{
  path:'signin',
  component:SigninComponent
}
]
```

```
@NgModule({
  declarations: [
    AppComponent,
    SignupComponent,
    SigninComponent
  ],
  imports: [
    BrowserModule,
    AppRoutingModuleModule,
    ReactiveFormsModule,
    RouterModule.forRoot(routes)
  ],
  providers: [],
  bootstrap: [AppComponent]
})
export class AppModule { }
```

Signup.component.html -

```
<p>
  signup works!
</p>

<div class="jumbotron">
  <div class="container">
    <div class="row">
      <div class="col-md-6 offset-md-3">
        <h2>Angular 6 Reactive Form Validation</h2>
```

```

<form [formGroup]="registerForm" (ngSubmit)="onSubmit()">
  <div class="form-group">
    <label>First Name</label>
    <input type="text" FormControlName="firstName" class="form-control" [ngClass]="{ 'is-
invalid': submitted && f.firstName.errors }" />
    <div *ngIf="submitted && f.firstName.errors" class="invalid-feedback">
      <div *ngIf="f.firstName.errors.required">First Name is required</div>
    </div>
  </div>

  <div class="form-group">
    <label>Last Name</label>
    <input type="text" FormControlName="lastName" class="form-control" [ngClass]="{ 'is-
invalid': submitted && f.lastName.errors }" />
    <div *ngIf="submitted && f.lastName.errors" class="invalid-feedback">
      <div *ngIf="f.lastName.errors.required">Last Name is required</div>
    </div>
  </div>

  <div class="form-group">
    <label>Email</label>
    <input type="text" FormControlName="email" class="form-control" [ngClass]="{ 'is-
invalid': submitted && f.email.errors }" />
    <div *ngIf="submitted && f.email.errors" class="invalid-feedback">
      <div *ngIf="f.email.errors.required">Email is required</div>
      <div *ngIf="f.email.errors.email">Email must be a valid email address</div>
    </div>
  </div>

  <div class="form-group">
    <label>Password</label>
    <input type="password" FormControlName="password" class="form-control"
[ngClass]="{ 'is-invalid': submitted && f.password.errors }" />
    <div *ngIf="submitted && f.password.errors" class="invalid-feedback">
      <div *ngIf="f.password.errors.required">Password is required</div>
      <div *ngIf="f.password.errors.minlength">Password must be at least 6
characters</div>
    </div>
  </div>

  <div class="form-group">
    <button [disabled]="loading" class="btn btn-primary">Register</button>
  </div>
</form>
</div>
</div>
</div>
</div>

<router-outlet></router-outlet>

```

Signup.component.ts -

```

import { Component, OnInit } from '@angular/core';
import { FormBuilder, FormGroup, Validators } from '@angular/forms';
@Component({
  selector: 'app-signup',
  templateUrl: './signup.component.html',
  styleUrls: ['./signup.component.css']
})

```

```
export class SignupComponent implements OnInit {
  submitted = false;
  registerForm: FormGroup;
  constructor(private formBuilder: FormBuilder) { }
  ngOnInit() {
    this.registerForm = this.formBuilder.group({
      firstName: ['', Validators.required],
      lastName: ['', Validators.required],
      email: ['', [Validators.required, Validators.email]],
      password: ['', [Validators.required, Validators.minLength(6)]]
    });
  }
  get f() { return this.registerForm.controls; }
  onSubmit() {
    this.submitted = true;

    // stop here if form is invalid
    if (this.registerForm.invalid) {
      return;
    }

    alert('Your request has been submitted for approval')
  }
}
```