

# SOLUCIÓN HITO<sub>3</sub>

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**MATERIA: PROGRAMACION DE DIS. MOVILES**

**CARRERA: ING DE SISTEMAS**

**SEMESTRE: 7MO**

# Pregunta 1:

Crear el componente BUTTON para las acciones prev y next

```
> component > button > TS button.component.ts > ButtonComponent >
import { Component, OnInit, Input } from '@angular/core';
import { HomePage } from '../../pages/home/home.page';

@Component({
  selector: 'app-button',
  templateUrl: './button.component.html',
  styleUrls: ['./button.component.scss'],
})
export class ButtonComponent implements OnInit {

  @Input('title') title:string;
  constructor(public slider: HomePage) { }

  ngOnInit() {}

  next(){
    this.slider.next();
  }
  prev(){
    this.slider.prev();
  }
}
```

```
app > component > button > <> button.component.html > button#{{title}}.botonN.derecha
<button class="botonP izquierda" id= {{title}} (click)= "prev()">prev</button>
<button class="botonN derecha" id= {{title}} (click)= "next()">next</button>
```

CODIGO HTML

CODIGO .TS

# PREGUNTA 2:

Crear el componente DESCRIPTION

```
<div class="imagen">
  
</div>
<h1 class= titulo>{{titulo}}</h1>
<p class="descri">{{descripcion}}</p>
```

CODIGO HTML

ESTILOS CSS

```
.imagen{
  text-align: right;
  // margin-top: 6px;
  // margin-right: 0px;
  width: 100;
}
.titulo{
  color: white;
  font-style: italic;
  margin-top: 5px;
}
.descri{
  color: white;
  margin-top: 6px;
}
```

```
import { Component, OnInit, Input } from '@angular/core';

@Component({
  selector: 'app-descripcion',
  templateUrl: './descripcion.component.html',
  styleUrls: ['./descripcion.component.scss'],
})
export class DescripcionComponent implements OnInit {

  @Input('titulo') titulo:string;
  @Input('descripcion') descripcion:string;
  @Input('imagen') imagen:string
  constructor() { }

  ngOnInit() {}
}
```

CODIGO .TS

PARA LA EXPORTACION DE LOS DATOS CREADOS EN EL HTML

# PREGUNTA 3:

Componentes BUTTONS FOTEER

```
<button class="botonP izquierda" id= {{title}} (click)= "prev()">prev</button>  
<button class="botonN derecha" id= {{title}} (click)= "next()">next</button>
```

```
.botonP {  
    background: transparent;  
    border-radius: 12px;  
    // margin-left: -120px;  
    color: white;  
    border: 2px solid white;  
    width: 100px;  
    // margin-bottom: 10px;  
    bottom: 20px;  
}  
  
.botonN {  
    background: transparent;  
    // margin-left: 40px;  
    color: white;  
    border-radius: 12px;  
    border: 2px solid white;  
    width: 100px;  
    // padding-left: 50px;;  
    // padding-top: 120px;  
    // margin-bottom: 10px;  
    bottom: 20px;  
}  
  
.derecha { float: right; }  
.izquierda { float: left; }
```

CODIGO HTML

CODIGO CSS

ESN EL ESTILO DEFINIMOS LA POSICION DEL BOTON Y CADA UNA DE SUS CARACTERISTICAS EN LO QUE SE REFIERE A DISEÑO

# PREGUNTA 4:

Crear el componente Onboarding

```
app > pages > home > home.page.html > ion-content > ion-slides >
<ion-content>
  <ion-slides #slides>
    <ion-slide style="background-color: #4DCA77;">
      <div class="slide">
        <app-pdm></app-pdm>
      </div>
      <app-button class="boton1" title="pdm"></app-button>
    </ion-slide>
    <ion-slide style="background-color: #F07243;">
      <div class="slide">
        <app-defensahito3></app-defensahito3>
      </div>
      <app-button title="defensahito3"></app-button>
    </ion-slide>
    <ion-slide style="background-color: #428AF8;">
      <div class="slide">
        <app-firebase></app-firebase>
      </div>
      <app-button title="firebase"></app-button>
    </ion-slide>
    <ion-slide style="background-color: #428AF8;">
      <div class="slide">
        <app-login></app-login>
      </div>
    </ion-slide>
  </ion-slides>
</ion-content>
```

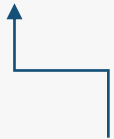
← CODIGO HTML

# PREGUNTA 5:

Crear los SCREENS para el navegador y verificar el Login a FIREBASE

```
import { HomePage } from '../home.page';
import { FirebaseComponent } from '../../firebase/firebase.component';
import { LoginComponent } from '../../login/login.component';
//import { MiappPageModule } from '../../pages/miapp/miapp.module';
import { PdmComponent } from '../../pdm/pdm.component';
import { Defensahito3Component } from '../../defensahito3/defensahito3.component';
import { ButtonComponent } from '../../component/button/button.component';
import { DescripcionComponent } from '../../component/descripcion/descripcion.component';

@NgModule({
  imports: [
    CommonModule,
    FormsModule,
    IonicModule,
    HomePageRoutingModule
  ],
  declarations: [HomePage, Defensahito3Component, FirebaseComponent, LoginComponent, PdmComponent, ButtonComponent, DescripcionComponent]
})
export class HomePageModule {}
```



CODIGO MODULE.TS

Para realizar la declaración de la navegación de las paginas mediante el slide

# PREGUNTA 5:

```
app > pages > home > TS home.page.ts > ...  
import { Component, OnInit, ViewChild } from '@angular/core';  
import { IonSlides } from '@ionic/angular';  
  
@Component({  
  selector: 'app-home',  
  templateUrl: './home.page.html',  
  styleUrls: ['./home.page.scss'],  
})  
export class HomePage implements OnInit {  
  
  @ViewChild('slides', {static: false}) slides: IonSlides;  
  constructor() { }  
  
  ngOnInit() {  
  }  
  next(){  
    this.slides.slideNext();  
  }  
  prev(){  
    this.slides.slidePrev();  
  }  
}
```

CODIGO .TS

# Pregunta 5:

## Login

```
import { Component, OnInit } from '@angular/core';
import { Router } from '@angular/router';
import { AuthService } from '../service/auth/auth.service';
import { NgForm } from '@angular/forms';

@Component({
  selector: 'app-login',
  templateUrl: './login.page.html',
  styleUrls: ['./login.page.scss'],
})

export class LoginPage implements OnInit {
  public username;
  public password;
  public currentUser;

  constructor(
    public authService: AuthService,
    public router: Router
  ) {}

  ngOnInit() {
  }
}
```

```
login(loginForm : NgForm){
}

login() {
  this.username = this.username;
  this.password = this.password;

  console.log(this.username);
  console.log(this.password);
  this.authService.signIn(this.username, this.password)
    .then((res) => {
      this.router.navigate(['/inicio']);
      console.log("Ingresando")
    }).catch((error) => {
      window.alert(error.message)
    })
}
```

Codigo Login.ts



# Pregunta 5:

Servicio para verificar con firebase

```
9  @Injectable({
10    providedIn: 'root'
11  })
12  export class AuthService {
13
14    userData: any;
15
16    constructor(
17      public afStore: AngularFirestore,
18      public ngFireAuth: AngularFireAuth,
19      public router: Router,
20      public ngZone: NgZone
21    ) {
22      this.ngFireAuth.authState.subscribe(user => {
23        if (user) {
24          this.userData = user;
25          localStorage.setItem('user', JSON.stringify(this.userData));
26          JSON.parse(localStorage.getItem('user'));
27        } else {
28          localStorage.setItem('user', null);
29          JSON.parse(localStorage.getItem('user'));
30        }
31      })
32    }
33
34    // Login in with email/password
35    signIn(email, password) {
36      return this.ngFireAuth.auth.signInWithEmailAndPassword(email, password)
37    }
38  }
```