

ONLINE TEST PART-2: TEST-1 MOBILE APP

<https://github.com/Vertipae/CV-Resume-Mobile-App>

Step-1: Open command prompt **cmd** and create a directory called **"MobileTest"** and go to folder:

➤ **md MobileTest**

md = Make directory

➤ **cd MobileTest**

cd = Change directory

Step-2: Create a new Blank project and go to app directory:

➤ **ionic start MyAppTest blank**

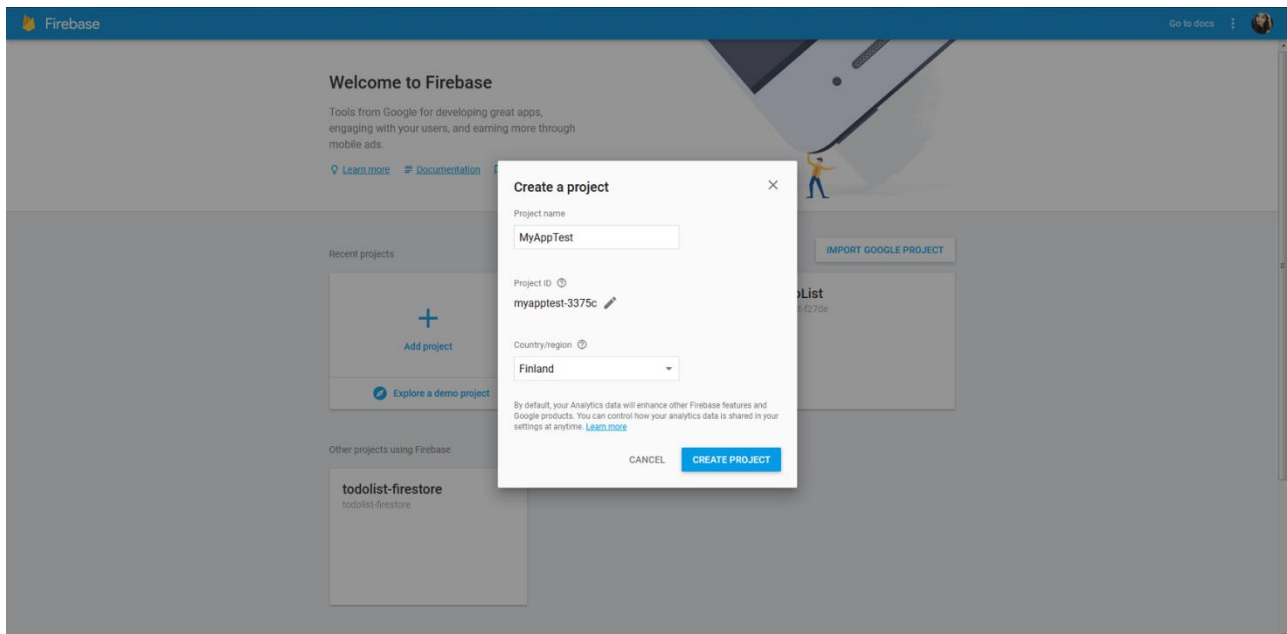
➤ **cd MyAppTest**

Step-3: First **delete** the default **home** directory from MyAppTest/src/pages (so it will do home.module.ts) and lets generate few new pages including home. Do this in **cmd**:

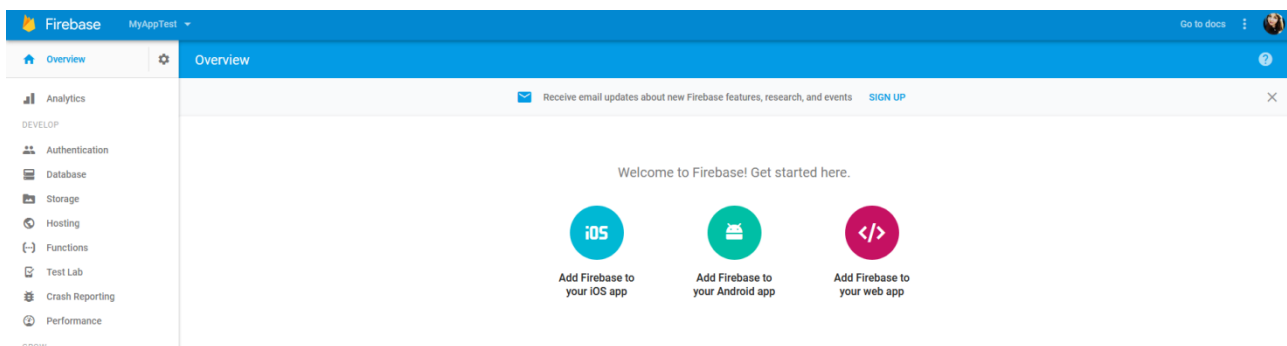
- **ionic g page home**
- **ionic g page start**
- **ionic g page login**
- **ionic g page register**
- **ionic g page menu**
- **ionic g page tabs**
- **ionic g page about**
- **ionic g page extra**
- **ionic g page projects**
- **ionic g page contact**

Step-4: Go to app.component.ts and change the rootPage:any = **'HomePage'** to rootPage:any = **'StartPage'**;
This is going to be the first page of your app.

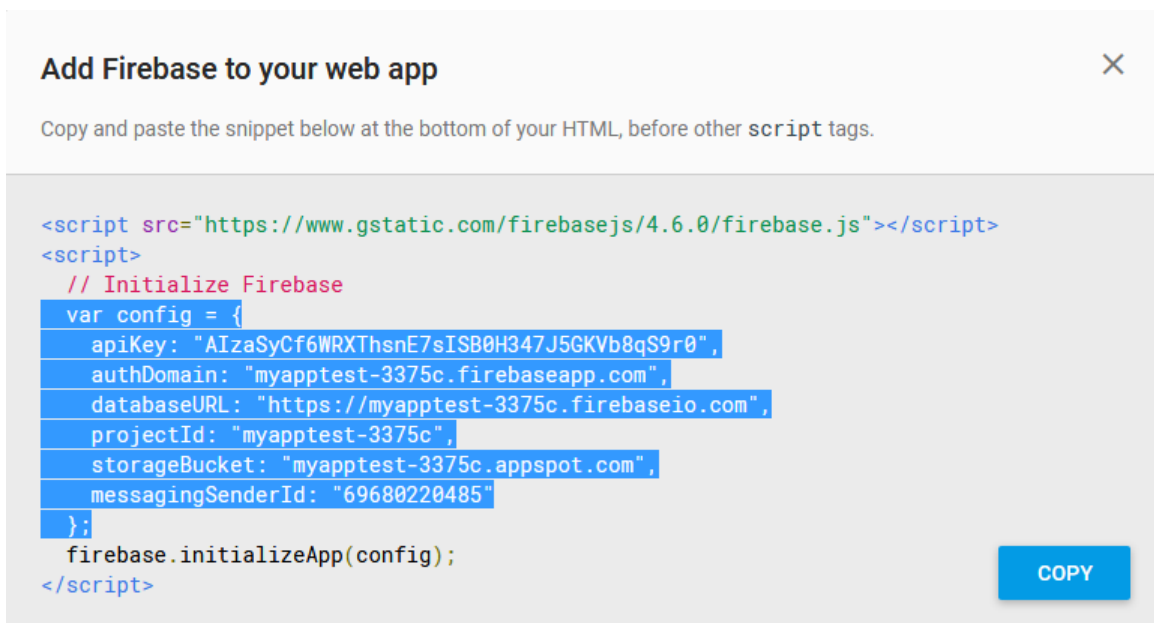
Step-5: First we are going to do Login and Register so we are going to need authentication. Go to Google Firebase and sign in. Then create a project.

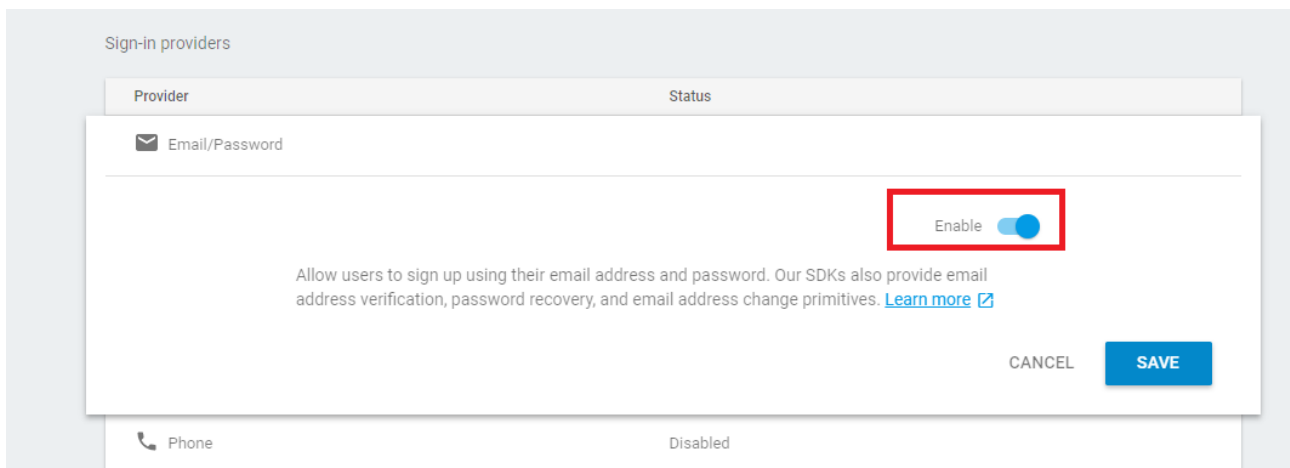
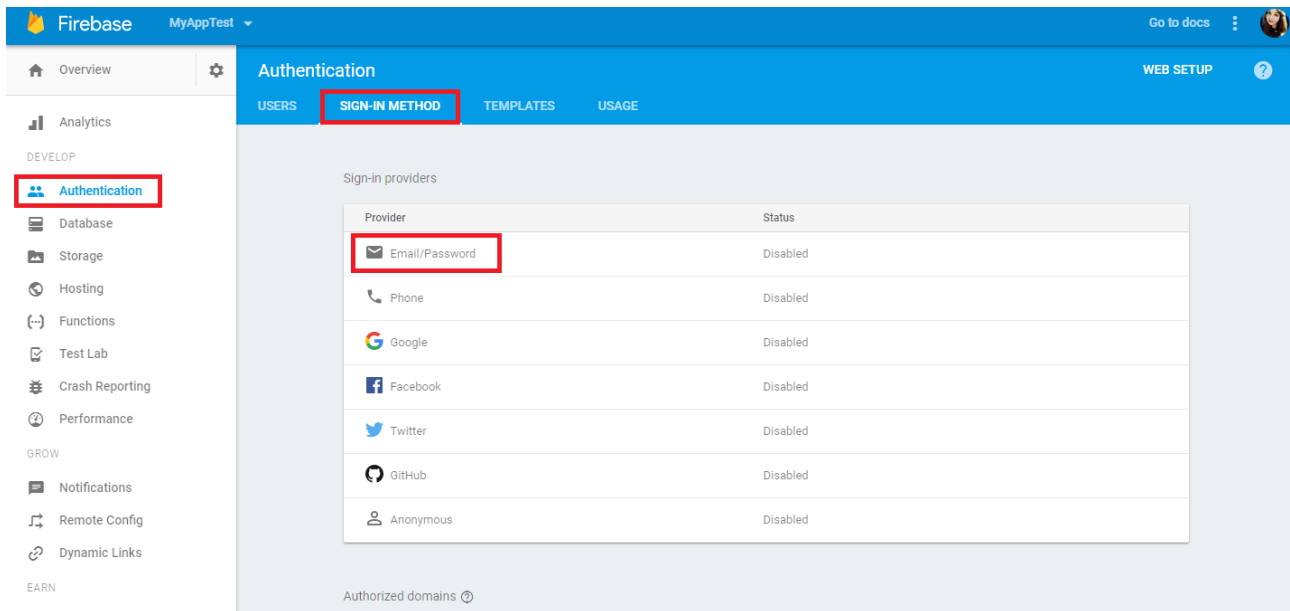


After this go to Add Firebase to your web app.



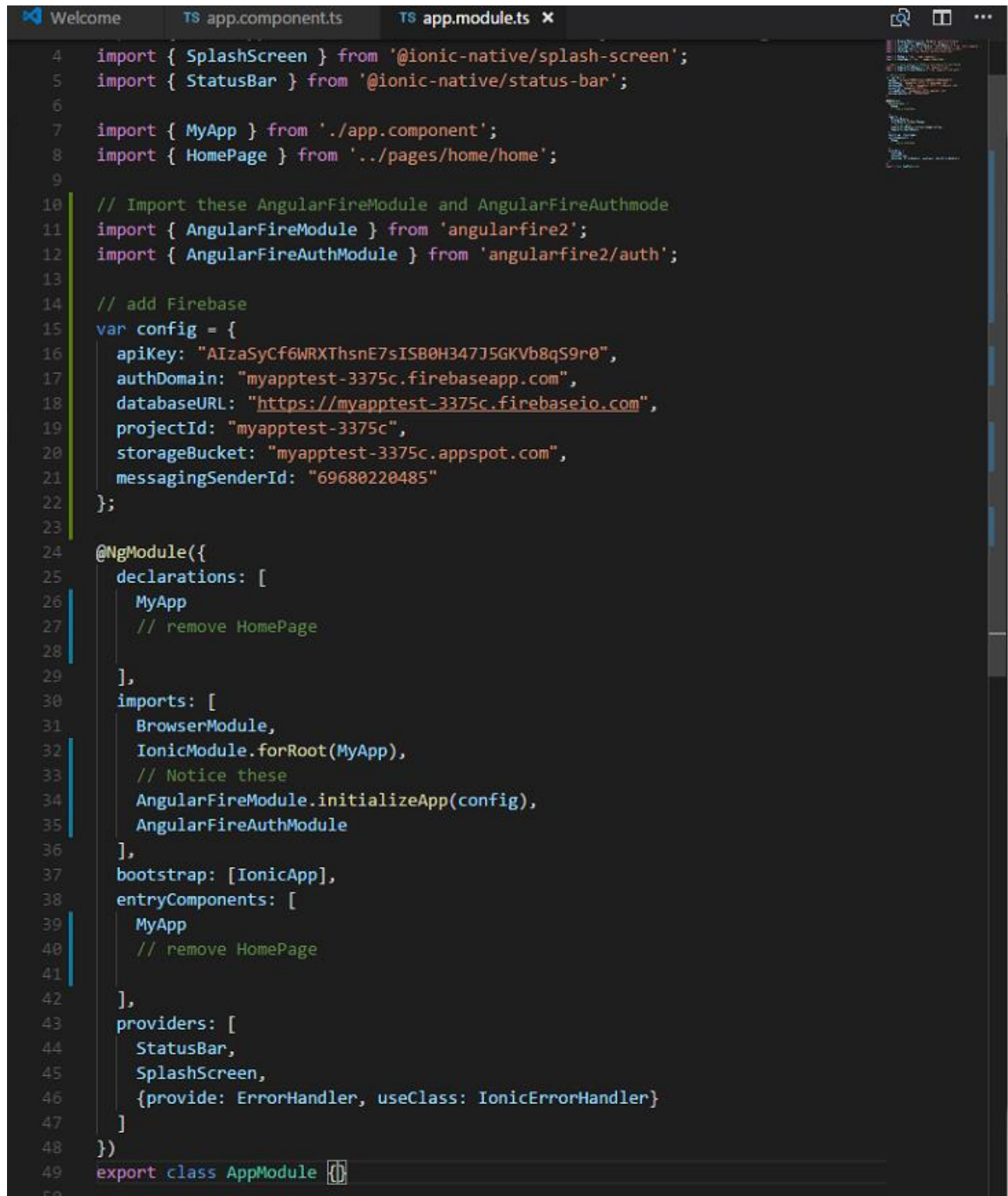
Then copy the code and paste it to **app.module.ts**:





Do this in **cmd**:

- **npm install firebase angularfire2 --save**



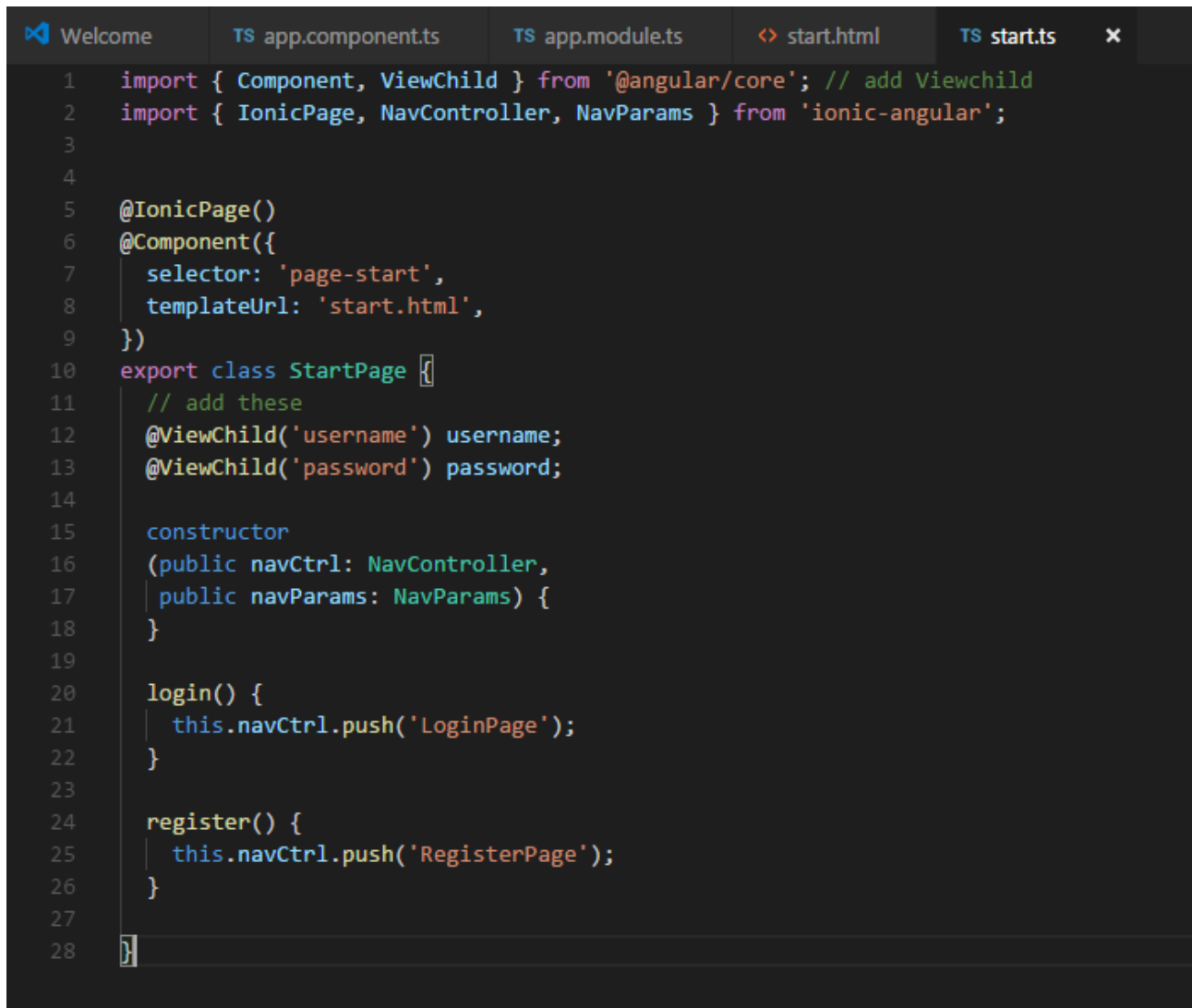
```

4  import { SplashScreen } from '@ionic-native/splash-screen';
5  import { StatusBar } from '@ionic-native/status-bar';
6
7  import { MyApp } from './app.component';
8  import { HomePage } from '../pages/home/home';
9
10 // Import these AngularFireModule and AngularFireAuthModule
11 import { AngularFireModule } from 'angularfire2';
12 import { AngularFireAuthModule } from 'angularfire2/auth';
13
14 // add Firebase
15 var config = {
16   apiKey: "AIzaSyCf6WRXThsnE7sISB0H347J5GKVb8qS9r0",
17   authDomain: "myapptest-3375c.firebaseio.com",
18   databaseURL: "https://myapptest-3375c.firebaseio.com",
19   projectId: "myapptest-3375c",
20   storageBucket: "myapptest-3375c.appspot.com",
21   messagingSenderId: "69680220485"
22 };
23
24 @NgModule({
25   declarations: [
26     MyApp
27     // remove HomePage
28   ],
29   imports: [
30     BrowserModule,
31     IonicModule.forRoot(MyApp),
32     // Notice these
33     AngularFireModule.initializeApp(config),
34     AngularFireAuthModule
35   ],
36   bootstrap: [IonicApp],
37   entryComponents: [
38     MyApp
39     // remove HomePage
40   ],
41   providers: [
42     StatusBar,
43     SplashScreen,
44     {provide: ErrorHandler, useClass: IonicErrorHandler}
45   ]
46 })
47
48 export class AppModule {}

```

Step-6: Open **start.html** and **start.ts** so we can add the buttons for login and register.

```
Welcome TS app.component.ts TS app.module.ts start.html x TS start.ts
1 <!--
2   Generated template for the StartPage page.
3
4   See http://ionicframework.com/docs/components/#navigation for more info on
5   Ionic pages and navigation.
6 -->
7 <ion-header>
8
9   <ion-navbar>
10    <ion-title>Welcome to my CV-app
11
12    </ion-title>
13  </ion-navbar>
14 </ion-header>
15
16 <ion-content padding>
17   <ion-row>
18     <ion-col>
19       <!-- Login button and below is register button. login() and register()
20        are methods that we make in start.ts
21       -->
22       <button ion-button block (click)="login()">Login</button>
23     </ion-col>
24
25     <ion-col>
26       <button ion-button block (click)="register()">Register</button>
27     </ion-col>
28   </ion-row>
29
30 </ion-content>
```



The screenshot shows a code editor with a dark theme. The top bar has five tabs: 'Welcome', 'TS app.component.ts', 'TS app.module.ts', '<> start.html', and 'TS start.ts'. The 'TS start.ts' tab is active. The code is written in TypeScript and defines an Ionic page named 'StartPage'. It imports '@angular/core' and 'ionic-angular'. The page is decorated with '@IonicPage()' and '@Component()'. The component has a selector 'page-start' and a templateUrl 'start.html'. It is exported as a class 'StartPage'. The class has two view children, 'username' and 'password', and a constructor that takes 'navCtrl' and 'navParams'. It has two methods, 'login()' and 'register()', both of which push the corresponding page onto the navigation stack.

```
1 import { Component, ViewChild } from '@angular/core'; // add Viewchild
2 import { IonicPage, NavController, NavParams } from 'ionic-angular';
3
4
5 @IonicPage()
6 @Component({
7   selector: 'page-start',
8   templateUrl: 'start.html',
9 })
10 export class StartPage {
11   // add these
12   @ViewChild('username') username;
13   @ViewChild('password') password;
14
15   constructor
16   (public navCtrl: NavController,
17    | public navParams: NavParams) {
18   }
19
20   login() {
21     | this.navCtrl.push('LoginPage');
22   }
23
24   register() {
25     | this.navCtrl.push('RegisterPage');
26   }
27
28 }
```

Step-7: Open your login.html and login.ts

```
register.html TS register.ts TS login.ts login.html x
1 <!--
2   Generated template for the LoginPage page.
3
4   See http://ionicframework.com/docs/components/#navigation for more info on
5   Ionic pages and navigation.
6 -->
7 <ion-header>
8
9   <ion-navbar>
10     <ion-title>Login</ion-title>
11   </ion-navbar>
12
13 </ion-header>
14
15
16 <ion-content padding>
17   <ion-list>
18     <ion-item>
19       <ion-label floating>Username</ion-label>
20       <ion-input type="text" [(ngModel)]="username"></ion-input>
21     </ion-item>
22     <ion-item>
23       <ion-label floating>Password</ion-label>
24       <ion-input type="password" [(ngModel)]="password"></ion-input>
25     </ion-item>
26   </ion-list>
27   <div padding>
28     <button block ion-button (click)="signIn()">Sign in</button>
29   </div>
30 </ion-content>
31
```

```
register.html TS register.ts TS login.ts x login.html
1 import { Component } from '@angular/core';
2 import { IonicPage, NavController, NavParams, AlertController } from 'ionic-angular'; // AlertController
3 // import this
4 import { AngularFireAuth } from 'angularfire2/auth';
5
6 /**
7  * Generated class for the LoginPage page.
8  *
9  * See https://ionicframework.com/docs/components/#navigation for more info on
10  * Ionic pages and navigation.
11  */
12
13 @IonicPage()
14 @Component({
15   selector: 'page-login',
16   templateUrl: 'login.html',
17 })
18 export class LoginPage {
19   // add these
20   username: string;
21   password: string;
22
23   constructor( // AngularFireAuth and AlertController
24     private fire: AngularFireAuth,
25     public navCtrl: NavController,
26     public navParams: NavParams,
27     public alertCtrl: AlertController) {
28   }
29
30   ionViewDidLoad() {
31     console.log('ionViewDidLoad LoginPage');
32   }
33
34   // methods
35   signIn() {
36     this.fire.auth.signInWithEmailAndPassword(this.username, this.password)
37       .then(data => {
38         this.successAlert(this.fire.auth.currentUser.email);
39         this.navCtrl.setRoot('HomePage'); // Page after login
40       })
41       .catch(error => {
42         this.failAlert(error);
43       });
44   }
45
46   successAlert(msg) {
47     let alert = this.alertCtrl.create({
48       title: 'Welcome',
49       subTitle: 'You are logged in as ' + msg,
50       buttons: ['OK']
51     });
52     alert.present();
53   }
54
55   failAlert(msg) {
56     let alert = this.alertCtrl.create({
57       title: 'Fail',
58       subTitle: msg,
59       buttons: ['OK']
60     });
61     alert.present();
62   }
63 }
```


Step-8: We are going to do almost the same thing to **register.html** and **register.ts**

```
register.html x TS register.ts
1  <!--
2    Generated template for the RegisterPage page.
3
4    See http://ionicframework.com/docs/components/#navigation for more info
5    Ionic pages and navigation.
6  -->
7  <ion-header>
8    <ion-navbar>
9      <ion-title>
10       Create new account
11     </ion-title>
12   </ion-navbar>
13 </ion-header>
14
15 <ion-content padding>
16   <ion-list>
17
18     <ion-item>
19       <ion-label floating>Username</ion-label>
20       <ion-input type="text" [(ngModel)]="username"></ion-input>
21     </ion-item>
22
23     <ion-item>
24       <ion-label floating>Password</ion-label>
25       <ion-input type="password" [(ngModel)]="password"></ion-input>
26     </ion-item>
27
28   </ion-list>
29
30   <div padding>
31     <button ion-button block (click)="createAccount()">Create</button>
32   </div>
33 </ion-content>
34
```

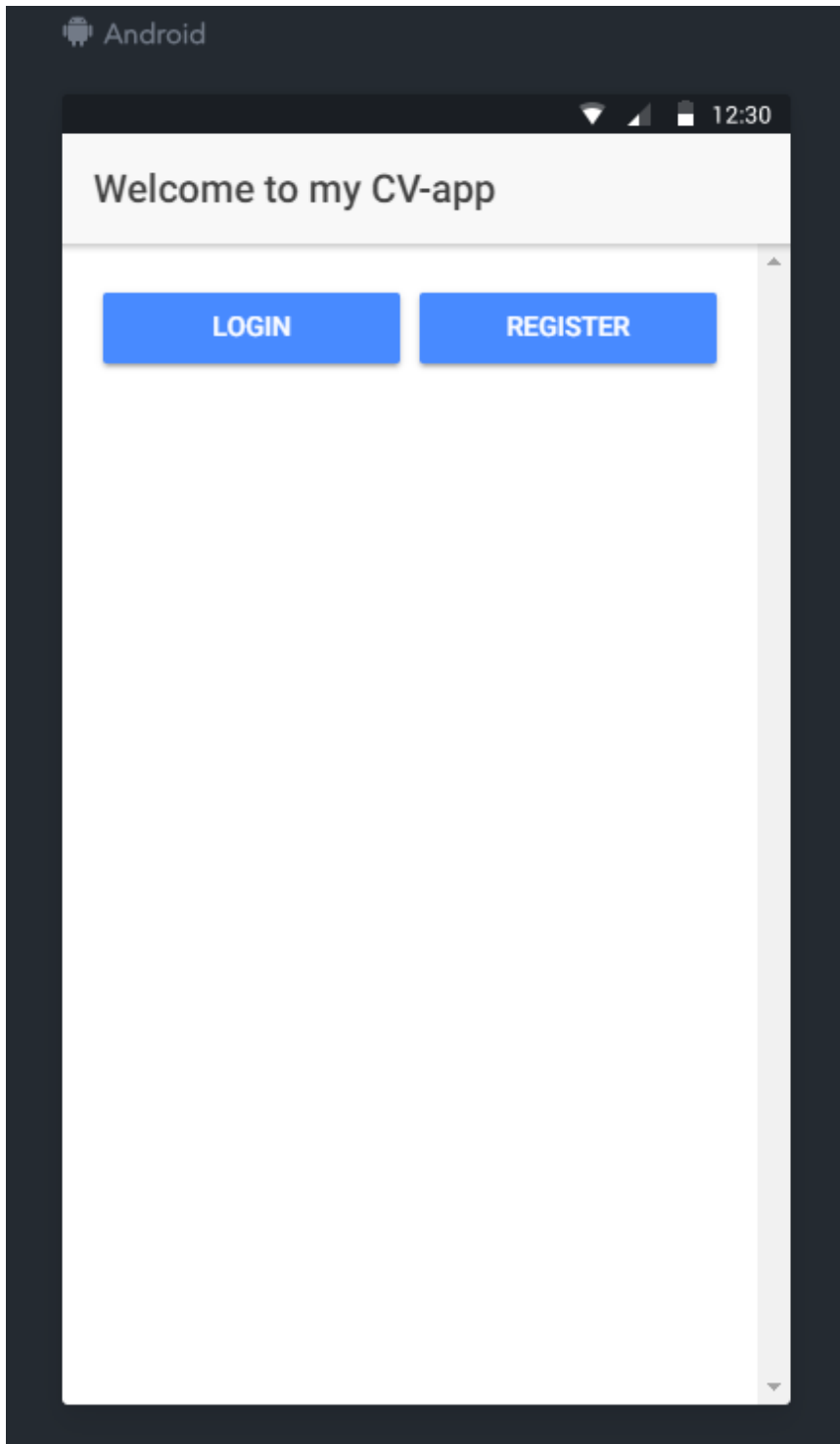
```

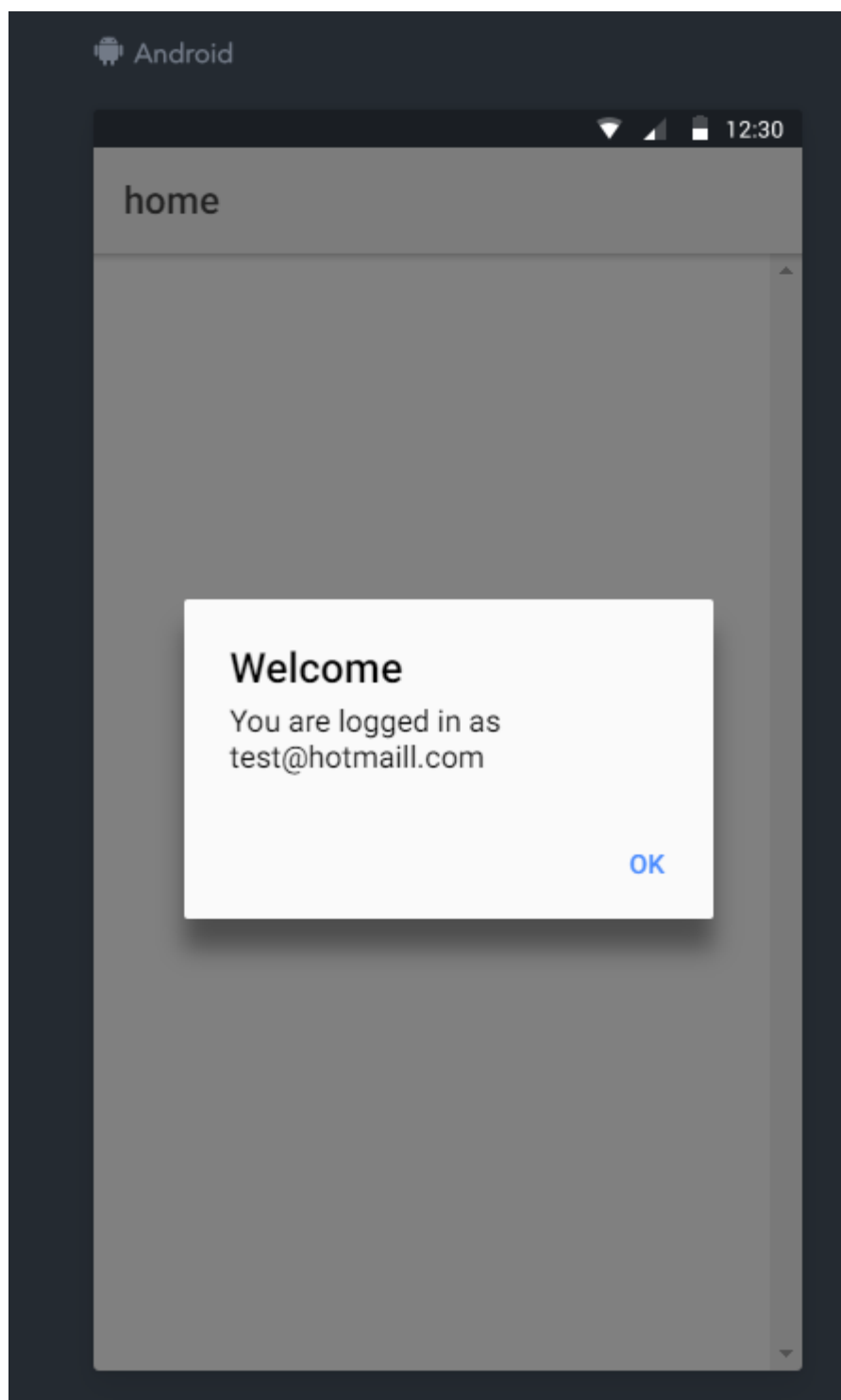
register.html TS register.ts x
1 //import { Component, ViewChild } from '@angular/core';
2 import { Component } from '@angular/core';
3 import { IonicPage, NavController, NavParams, AlertController } from 'ionic-angular';
4 import { AngularFireAuth } from 'angularfire2/auth';
5
6 /**
7  * Generated class for the RegisterPage page.
8  *
9  * See https://ionicframework.com/docs/components/#navigation for more info on
10  * Ionic pages and navigation.
11  */
12
13 @IonicPage()
14 @Component({
15   selector: 'page-register',
16   templateUrl: 'register.html',
17 })
18 export class RegisterPage {
19   //@@ViewChild('username') username;
20   //@@ViewChild('password') password;
21
22   username: string;
23   password: string;
24
25   constructor(
26     private fire: AngularFireAuth,
27     public navCtrl: NavController,
28     public navParams: NavParams,
29     public alertCtrl: AlertController) {
30   }
31
32   ionViewDidLoad() {
33     console.log('ionViewDidLoad RegisterPage');
34   }
35
36   // methods and alerts
37
38   createAccount() {
39     this.fire.auth.createUserWithEmailAndPassword(this.username, this.password)
40       .then(data => {
41         this.successAlert(this.fire.auth.currentUser.email);
42       })
43       .catch(error => {
44         this.failAlert(error);
45       });
46     console.log("created account:" + this.username + " " + this.password)
47   }
48   successAlert(msg) {
49     let alert = this.alertCtrl.create({
50       title: 'Welcome',
51       subTitle: 'Created account: ' + msg,
52       buttons: ['OK']
53     });
54     alert.present();
55   }
56   failAlert(msg) {
57     let alert = this.alertCtrl.create({
58       title: 'FAIL',
59       subTitle: msg,
60       buttons: ['OK']
61     });
62     alert.present();
63   }
64 }
65

```

Step-9: Then run the app in **cmd** and it should look like this:

- **ionic serve**
- **ionic serve --lab**





Step-10: Now we are going to add menu and tabs-navigation to our app. Open **menu.html** then **menu.ts**

```
register.html TS register.ts TS login.ts menu.html x TS menu.module.ts home.html
1 <!--
2   Generated template for the MenuPage page.
3
4   See http://ionicframework.com/docs/components/#navigation for more info on
5   Ionic pages and navigation.
6 -->
7 <ion-content padding>
8   <ion-menu [content]="content">
9     <ion-header>
10      <ion-toolbar>
11        <ion-title>Menu</ion-title>
12      </ion-toolbar>
13    </ion-header>
14
15    <ion-content>
16      <ion-list>
17        <button ion-item menuClose *ngFor="let p of pages" (click)="openPage(p)">
18          <ion-icon item-start [name]="p.icon" [color]="isActive(p)"></ion-icon>
19          <span [class]="isActive(p)">{{ p.title }}</span>
20        </button>
21      </ion-list>
22    </ion-content>
23  </ion-menu>
24
25  <!-- main navigation -->
26  <ion-nav [root]="rootPage" #content swipeBackEnabled="false"></ion-nav>
27 </ion-content>
28
29
```

```

register.html TS register.ts TS login.ts menu.html TS menu.module.ts home.html TS menu.ts x tabs.html
1  import { Component, ViewChild } from '@angular/core';
2  import { IonicPage, NavController, NavParams, Nav } from 'ionic-angular';
3
4  export interface PageInterface {
5      title: string;
6      pageName: string;
7      tabComponent?: any;
8      index?: number;
9      icon: string;
10 }
11
12 @IonicPage()
13 @Component({
14     selector: 'page-menu',
15     templateUrl: 'menu.html',
16 })
17 export class MenuPage {
18     rootPage = "TabsPage";
19     @ViewChild(Nav) nav: Nav;
20
21     pages: PageInterface[] = [
22         { title: 'Targeted CV', pageName: 'TabsPage', tabComponent: 'HomePage', index: 0, icon: 'logo-apple' },
23         { title: 'Project Work', pageName: 'TabsPage', tabComponent: 'ProjectPage', index: 1, icon: 'ios-bulb-outline' },
24         { title: 'Extra Curriculum acitivities', pageName: 'TabsPage', tabComponent: 'ExtraPage', index: 2, icon: 'md-happy' },
25         { title: 'Contact', pageName: 'TabsPage', tabComponent: 'ContactPage', index: 3, icon: 'md-call' },
26         { title: 'About', pageName: 'TabsPage', tabComponent: 'AboutPage', index: 4, icon: 'md-woman' },
27     ];
28
29     constructor(public navCtrl: NavController, public navParams: NavParams) {
30     }
31
32     openPage(page: PageInterface) {
33         let params = {};
34
35         if (page.index) {
36             params = { tabIndex: page.index };
37         }
38         if (this.nav.getActiveChildNavs() && page.index != undefined) {
39             this.nav.getActiveChildNavs()[0].select(page.index);
40         } else {
41             this.nav.setRoot(page.pageName, params);
42         }
43     }
44
45     isActive(page: PageInterface) {
46         let childNav = this.nav.getActiveChildNavs()[0];
47
48         if (childNav) {
49             if (childNav.getSelected() && childNav.getSelected().root === page.tabComponent) {
50                 return 'primary';
51             }
52             return;
53         }
54         if (this.nav.getActive() && this.nav.getActive().name === page.pageName) {
55             return 'primary';
56         }
57     }
58     ionViewDidLoad() {
59         console.log('ionViewDidLoad MenuPage');
60     }
61 }
62

```

Step-11: Open **tabs.html** and **tabs.ts**

```

<!--
  Generated template for the TabsPage page.

  See http://ionicframework.com/docs/components/#navigation for more info on
  Ionic pages and navigation.
-->
<ion-tabs [selectedIndex]="myIndex">
  <ion-tab [root]="tab1Root" tabTitle="CV" tabIcon="logo-apple"></ion-tab>
  <ion-tab [root]="tab2Root" tabTitle="Projects" tabIcon="ios-bulb-outline"></ion-tab>
  <ion-tab [root]="tab3Root" tabTitle="Extra" tabIcon="md-happy"></ion-tab>
  <ion-tab [root]="tab4Root" tabTitle="Contact" tabIcon="md-call"></ion-tab>
  <ion-tab [root]="tab5Root" tabTitle="About" tabIcon="md-woman"></ion-tab>
</ion-tabs>

```

```

*
* See https://ionicframework.com/docs/components/#navigation for more info on
* Ionic pages and navigation.
*/
@IonicPage()
@Component({
  selector: 'page-tabs',
  templateUrl: 'tabs.html',
})
export class TabsPage {
  tab1Root="HomePage";
  tab2Root="ProjectsPage";
  tab3Root="ExtraPage";
  tab4Root="ContactPage";
  tab5Root="AboutPage";
  myIndex: number;

  constructor(public navCtrl: NavController, public navParams: NavParams) {
    this.myIndex = navParams.data.tabIndex || 0;
  }

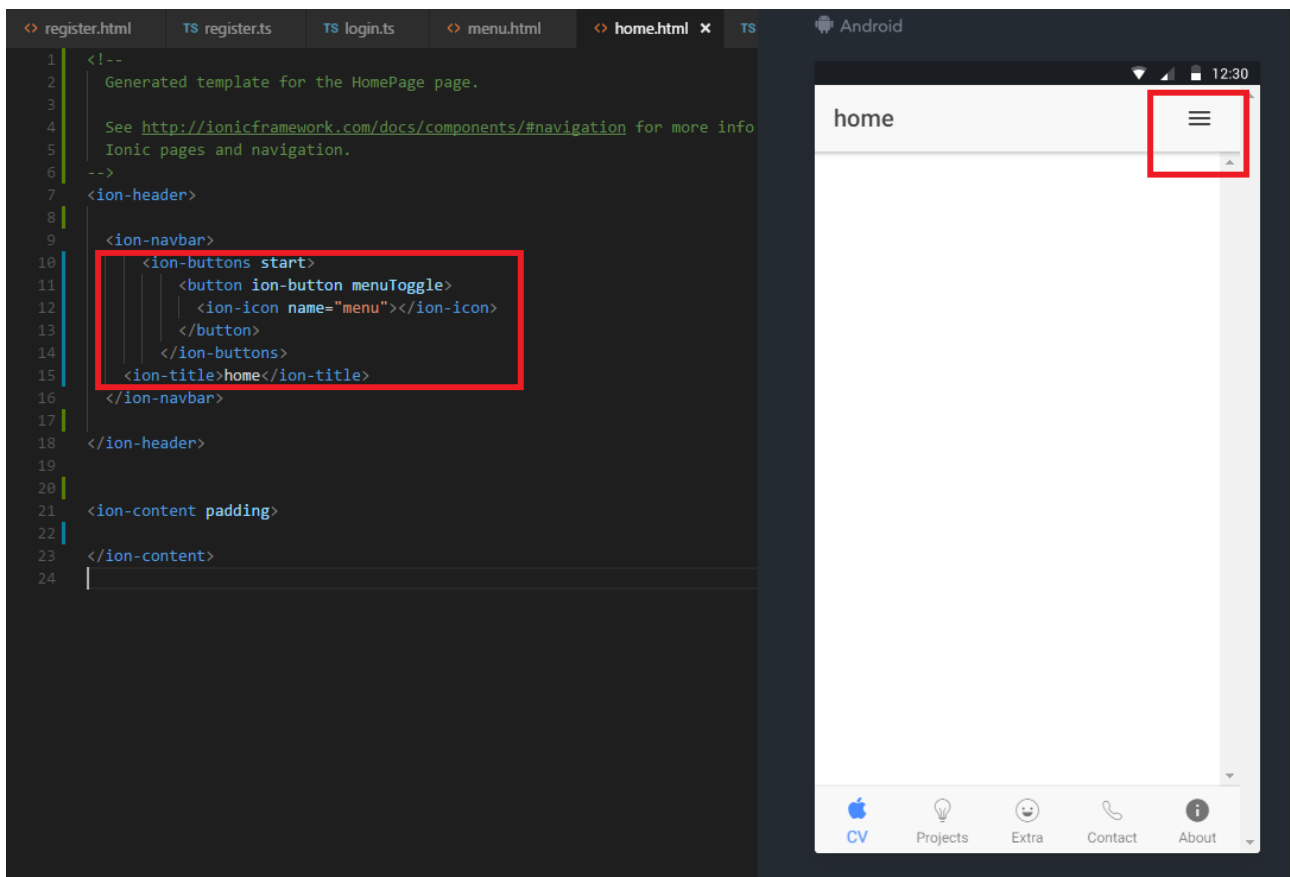
  ionViewDidLoad() {
    console.log('ionViewDidLoad TabsPage');
  }
}

```

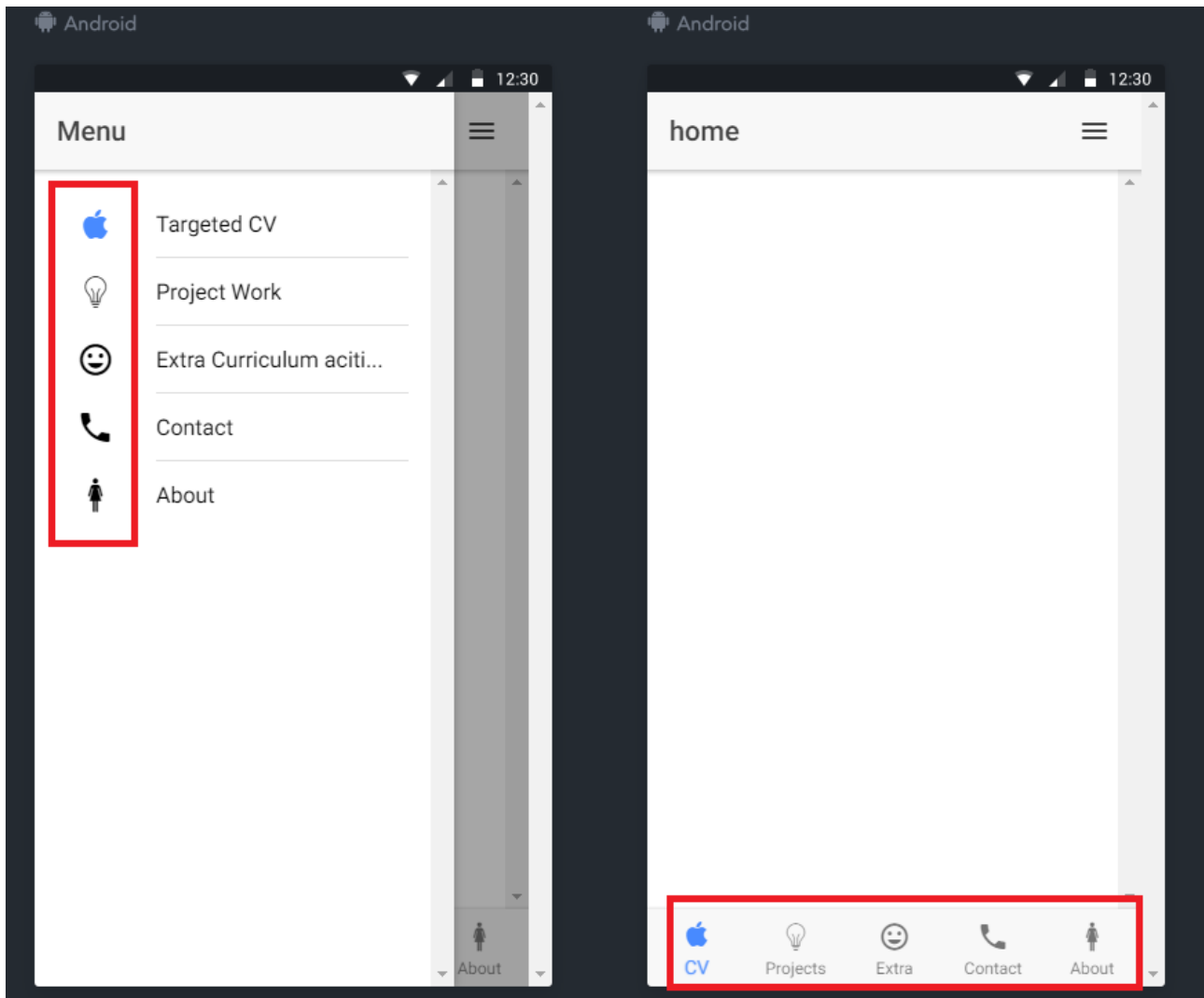
Step-12: Go to **login.ts** and change **'HomePage'** to **'MenuPage'**. So after logging in the user will go to MenuPage.

```
// methods
signIn() {
  this.fire.auth.signInWithEmailAndPassword(this.username, this.password)
    .then(data => {
      this.successAlert(this.fire.auth.currentUser.email);
      this.navCtrl.setRoot('MenuPage'); // Page after login
    });
}
```

Copy the code in the picture below to the **home.html**, **projects.html**, **extra.html**, **contact.html** and **about.html** so you get the menu button “Hamburger”.



Also you can change these **Icons**. Just google for **ionicons**.



Step-13: Now we are going to do **home.html** layout. (Tip: Go to **app.components** and change **rootPage:any** = **'StartPage'** into **rootPage:any = 'HomePage'** for a little while so you don't always have to relog and later on change it back to **StartPage**.)

<ion-grid> is a flexbox system for building layouts.

<ion-row> are horizontal components of the grid system and contain varying numbers of columns.

<ion-col> are cellular components of the grid system and go inside of a row.

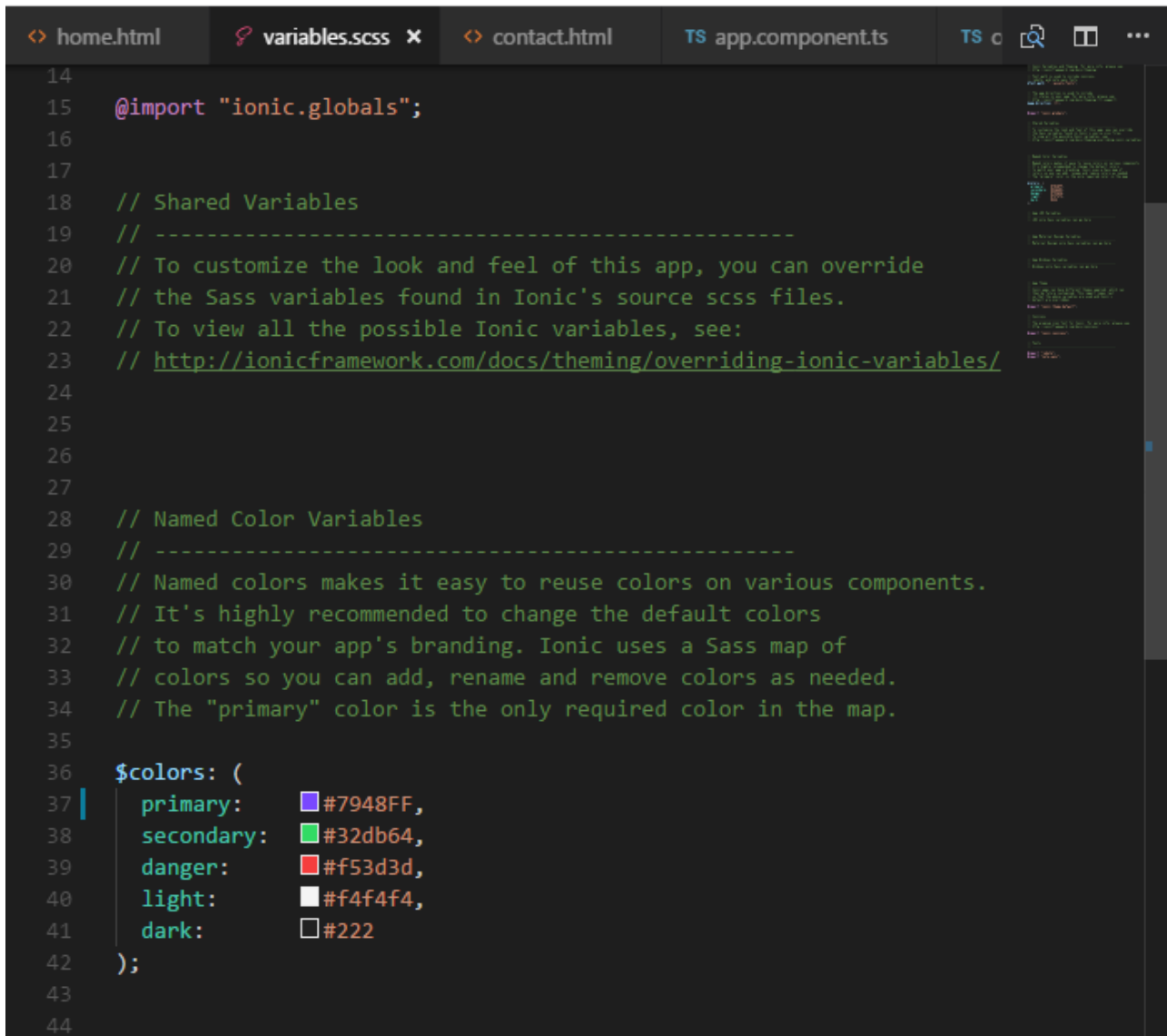
<ion-img width="" height="" src="" your picture's location, I prefer assets/imgs">

Source: <https://ionicframework.com/docs/api/>

Sallamaarit Jaako

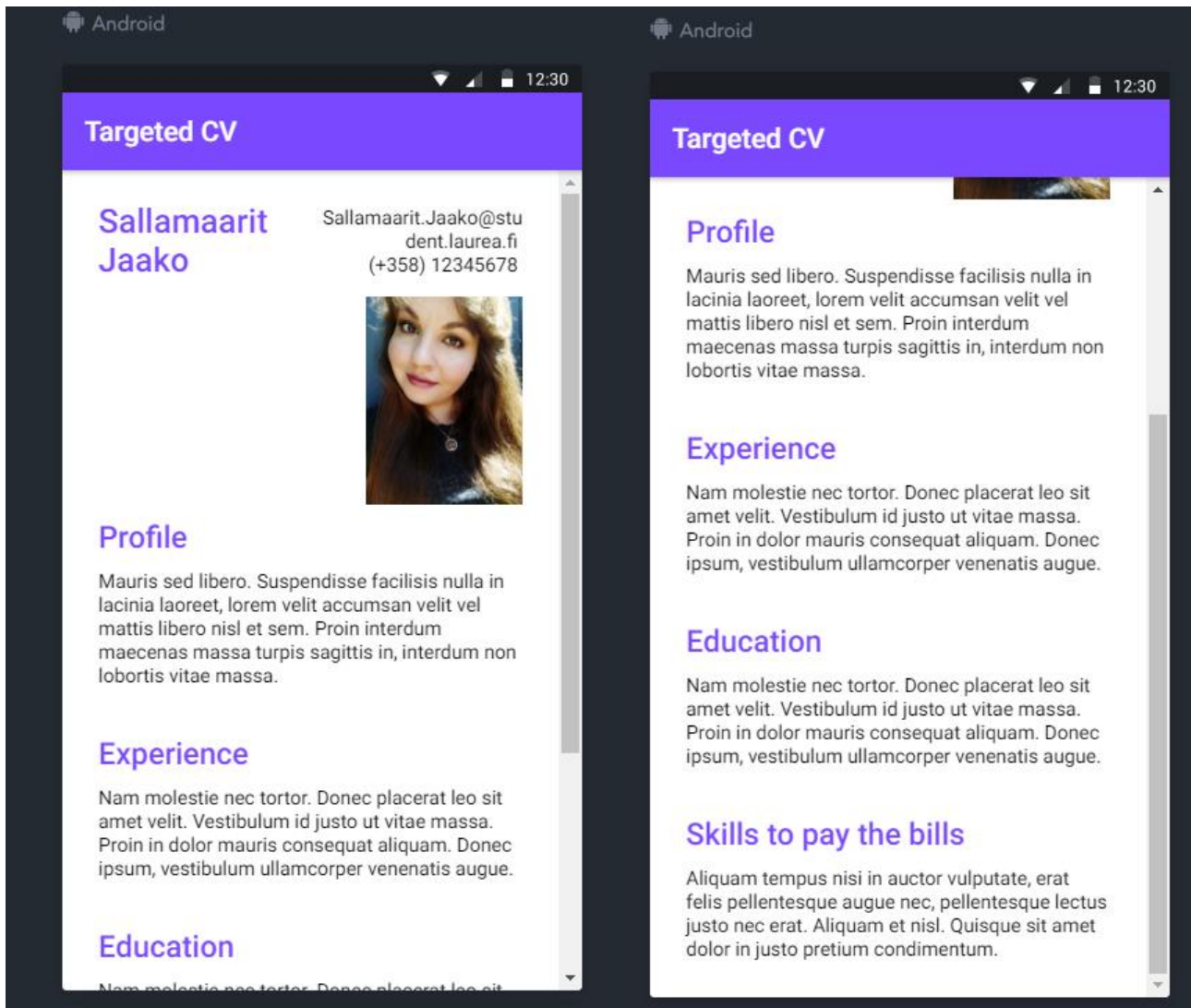
```
home.html x TS startis variables.scss contact.html TS app.component.ts TS contact.ts
1 <!--
2   Generated template for the HomePage page.
3
4   See http://ionicframework.com/docs/components/#navigation for more info on
5   Ionic pages and navigation.
6 -->
7 <ion-header>
8
9   <ion-navbar color="primary">
10
11     <ion-buttons start>
12       <button ion-button menuToggle>
13         <ion-icon name="menu"></ion-icon>
14       </button>
15     </ion-buttons>
16     <ion-title>Targeted CV</ion-title>
17   </ion-navbar>
18 </ion-header>
19
20
21 <ion-content padding>
22
23   <ion-grid>
24     <ion-row>
25       <ion-col col-6>
26         <h2 style="color: #7948FF;">Sallamaarit Jaako</h2>
27       </ion-col>
28     </ion-row>
29
30     <ion-col col-6 style="text-align: right;">
31
32       Sallamaarit.Jaako@student.laurea.fi
33       <br> (+358) 12345678
34       <br>
35     </ion-col>
36
37     <ion-img width="113" height="150" src="assets/imgs/IMG_CV.jpg"></ion-img>
38   </ion-row>
39
40   <ion-row>
41     <ion-col col-12>
42       <h3 style="color: #7948FF;">Profile</h3>
43       Mauris sed libero. Suspendisse facilisis nulla in lacinia laoreet, lorem velit accumsan velit vel mattis libero nisl et sem.
44       Proin interdum maecenas massa turpis sagittis in, interdum non lobortis vitae massa.
45     </ion-col>
46   </ion-row>
47   <p></p>
48
49   <ion-row>
50     <ion-col col-12>
51       <h3 style="color: #7948FF;">Experience</h3>
52       Nam molestie nec tortor. Donec placerat leo sit amet velit. Vestibulum id justo ut vitae massa. Proin in dolor mauris consequat
53       aliquam. Donec ipsum, vestibulum ullamcorper venenatis augue.
54     </ion-col>
55   </ion-row>
56   <p></p>
57
58   <ion-row>
59     <ion-col col-12>
60       <h3 style="color: #7948FF;">Education</h3>
61       Nam molestie nec tortor. Donec placerat leo sit amet velit. Vestibulum id justo ut vitae massa. Proin in dolor mauris consequat aliquam.
62     </ion-col>
63   </ion-row>
64   <p></p>
65
66   <ion-row>
67     <ion-col col-12>
68       <h3 style="color: #7948FF;">Skills to pay the bills</h3>
69       Aliquam tempus nisi in auctor vulputate, erat felis pellentesque augue nec, pellentesque lectus justo nec erat. Aliquam et nisl. Quisque
70     </ion-col>
71   </ion-row>
72
73 </ion-grid>
74
75 </ion-content>
```

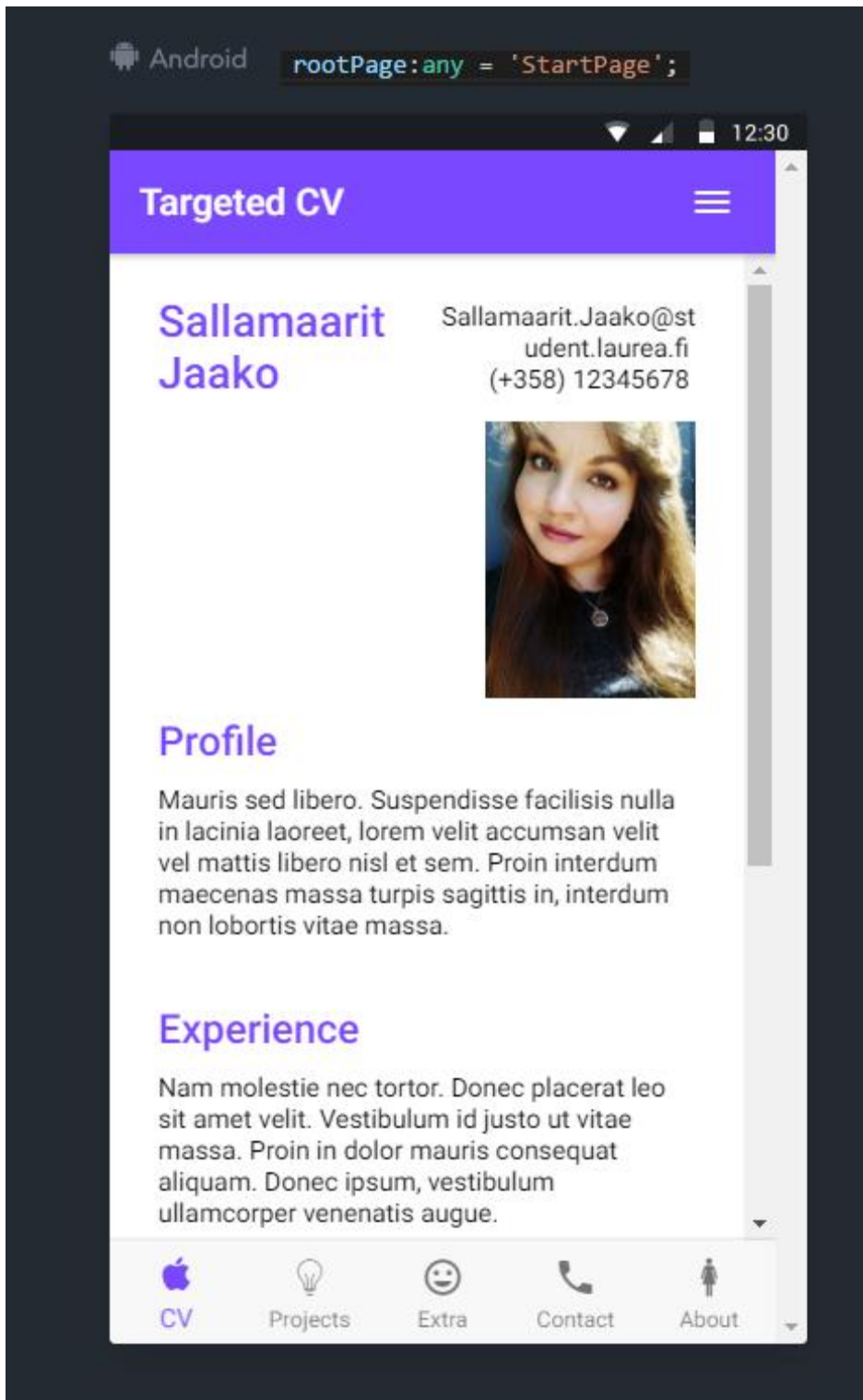
Step-14: You can change colors easily from theme **variables.scss**. You can just change the value for primary.

A screenshot of a code editor with a dark theme. The editor has several tabs at the top: 'home.html', 'variables.scss' (active), 'contact.html', 'TS app.component.ts', and 'TS c'. The 'variables.scss' tab is selected, showing Sass code. The code includes comments about overriding Ionic's default variables and a color map. The color map defines five colors: primary (blue), secondary (green), danger (red), light (white), and dark (black).

```
14
15 @import "ionic.globals";
16
17
18 // Shared Variables
19 // -----
20 // To customize the look and feel of this app, you can override
21 // the Sass variables found in Ionic's source scss files.
22 // To view all the possible Ionic variables, see:
23 // http://ionicframework.com/docs/theming/overriding-ionic-variables/
24
25
26
27
28 // Named Color Variables
29 // -----
30 // Named colors makes it easy to reuse colors on various components.
31 // It's highly recommended to change the default colors
32 // to match your app's branding. Ionic uses a Sass map of
33 // colors so you can add, rename and remove colors as needed.
34 // The "primary" color is the only required color in the map.
35
36 $colors: (
37   primary:    #7948FF,
38   secondary:  #32db64,
39   danger:     #f53d3d,
40   light:      #f4f4f4,
41   dark:       #222
42 );
43
44
```

So it should now look like this (Picture below). If you changed the starting page you will notice that the hamburger menu/tab is gone but it's going to work again when you change the starting page back.





Step-15: Using component slide in projects.

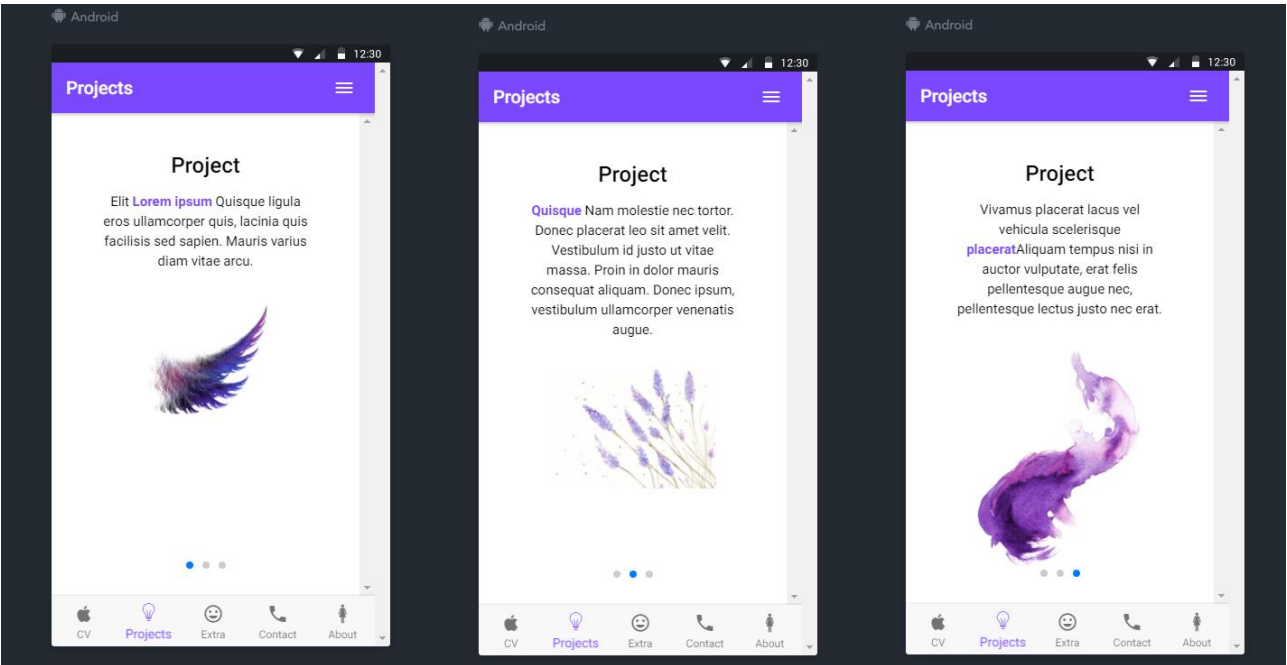
```
<> extra.html  variables.scss  <> contact.html  <> about.html  <> projects.html x  TS
1  <!--
2  Generated template for the ProjectsPage page.
3
4  See http://ionicframework.com/docs/components/#navigation for more info on
5  Ionic pages and navigation.
6  -->
7  <ion-header>
8
9      <ion-navbar color="primary">
10         <ion-buttons start>
11             <button ion-button menuToggle>
12                 <ion-icon name="menu"></ion-icon>
13             </button>
14         </ion-buttons>
15         <ion-title>Projects</ion-title>
16     </ion-navbar>
17
18 </ion-header>
19
20
21 <ion-content class="page-projects">
22     <ion-slides pager>
23         <ion-slide *ngFor="let slide of slides">
24
25             <p></p>
26             <h2 class="slide-title" [innerHTML]="slide.title"></h2>
27             <p [innerHTML]="slide.description"></p>
28             <img [src]="slide.image" class="slide-image"/>
29
30         </ion-slide>
31     </ion-slides>
32
33 </ion-content>
34
35
```

```
projects.html  projects.scss  TS projects.ts x  TS app.component.ts  TS contact.ts

1  import { Component } from '@angular/core';
2  import { IonicPage, NavController, NavParams } from 'ionic-angular';
3
4  /**
5   * Generated class for the ProjectsPage page.
6   */
7   * See https://ionicframework.com/docs/components/#navigation for more info on
8   * Ionic pages and navigation.
9   */
10
11  @IonicPage()
12  @Component({
13    selector: 'page-projects',
14    templateUrl: 'projects.html',
15  })
16  export class ProjectsPage {
17
18    constructor(public navCtrl: NavController, public NavParams: NavParams) {
19    }
20
21    ionViewDidLoad() {
22      console.log('ionViewDidLoad ProjectsPage');
23    }
24
25    slides = [
26      {
27        title: "Project",
28        description: "Elit <b>Lorem ipsum </b> Quisque ligula eros ullamcorper quis, lacinia quis facilisis sed sapien. Mauris varius diam vitae arcu.",
29        image: "assets/imgs/purple-wing.png",
30      },
31      {
32        title: "Project",
33        description: "<b>Quisque</b> Nam molestie nec tortor. Donec placerat leo sit amet velit. Vestibulum id justo ut vitae massa. Proin in dolor maur
34        image: "assets/imgs/purple-tree.png",
35      },
36      {
37        title: "Project",
38        description: "Vivamus placerat lacus vel vehicula scelerisque <b>placerat</b>Aliquam tempus nisi in auctor vulputate, erat felis pellentesque au
39        image: "assets/imgs/purple-thing.png",
40      }
41    ];
42  }
```

```
projects.html projects.scss x TS p
1 page-projects {
2
3
4   .slide-zoom {
5     height: 100%;
6   }
7
8   .slide-title {
9     margin-top: 2.8rem;
10  }
11
12  .slide-image {
13    max-height: 50%;
14    max-width: 60%;
15    margin: 18px 0;
16  }s
17
18  b {
19    font-weight: 600;
20  }
21
22  p {
23    padding: 0 40px;
24    font-size: 15px;
25    line-height: 1.5;
26    color: #000000;
27
28    b {
29      color: #7948FF;
30    }
31  }
32
33 }
34
35
```

It should look like this (Picture below)



Step-16: I changed tabs-background color and also tabs' inactive/active color from **variables.scss**

```
35
36 $colors: (
37   primary:    #7948FF,
38   secondary:  #32db64,
39   danger:     #f53d3d,
40   light:      #f4f4f4,
41   dark:       #161616
42 );
43
44 //$background-color: #FFFFFF;
45 $tabs-background: #0F0F0F;
46 //$toolbar-background: #0F0F0F;
47 //Android
48 $tabs-md-tab-color-active: #CECECE;
49 $tabs-md-tab-color-inactive: #7948FF;
50 $toolbar-md-title-text-color: #7948FF;
51 // $text-color: #7948FF;
52
53 //iOS
54 $tabs-ios-tab-color-active: #CECECE;
55 $tabs-ios-tab-color-inactive: #7948FF;
56
```

Step-17: In extra page I used **<ion-card>** and **<ion-segment>**. Open extra.html and **extra.ts**

```

7 <ion-header>
8
9 <ion-navbar color="dark">
10 <ion-buttons start>
11 <button ion-button menuToggle>
12 <ion-icon name="menu"></ion-icon>
13 </button>
14 </ion-buttons>
15 <ion-title>Extra</ion-title>
16 </ion-navbar>
17 </ion-header>
18
19
20
21
22 <ion-content>
23
24
25 <ion-toolbar no-border-top>
26 <ion-segment [(ngModel)]="extra">
27
28 <ion-segment-button value="competency">
29 Competency
30 </ion-segment-button>
31 <ion-segment-button value="charity">
32 Charity
33 </ion-segment-button>
34 <ion-segment-button value="interest">
35 Interest
36 </ion-segment-button>
37
38 </ion-segment>
39
40 </ion-toolbar>
41
42
43
44 <div [ngSwitch]="extra">
45 <ion-card *ngSwitchCase="'competency'">
46
47 
48
49 <ion-card-content>
50 <ion-card-title>
51 Competency
52 </ion-card-title>
53 <p>
54 Fusce nec vulputate diam, vitae tincidunt lorem. Vivamus ultricies nisl quis est laci
55 maximus lacus augue, ut molestie lorem faucibus id. Donec tempor, metus vel vulputate
56 augue, a gravida.
57 </p>
58 </ion-card-content>
59 </ion-card>
60
61
62 <ion-card *ngSwitchCase="'charity'">
63
64 
65
66 <ion-card-content>
67 <ion-card-title>
68 Charity
69 </ion-card-title>
70 <p>
71 Nullam vel sollicitudin mauris. Integer vulputate sodales elit quis gravida. Nunc a e
72 sollicitudin, diam in fermentum ultrices, dolor nisi imperdiet sapien, ac hendrerit e
73 gravida enim sit amet erat facilisis viverra. Vestibulum sed facilisis arcu, placerat
74 vel sem vitae posuere.
75 </p>
76 </ion-card-content>
77 </ion-card>
78
79 <ion-card *ngSwitchCase="'interest'">
80
81 
82
83 <ion-card-content>
84 <ion-card-title>
85 Interest
86 </ion-card-title>
87 <p>
88 Lorem ipsum dolor sit amet, consectetur adipiscing elit. Phasellus diam mi, ultrices
89 Vivamus mattis volutpat consequat. Fusce varius leo et auctor euismod. Pellentesque m
90 malesuada. Vestibulum lacus risus, efficitur a ligula id, malesuada malesuada ante.
91 </p>
92 </ion-card-content>
93 </ion-card>
94 </div>
95 </ion-content>

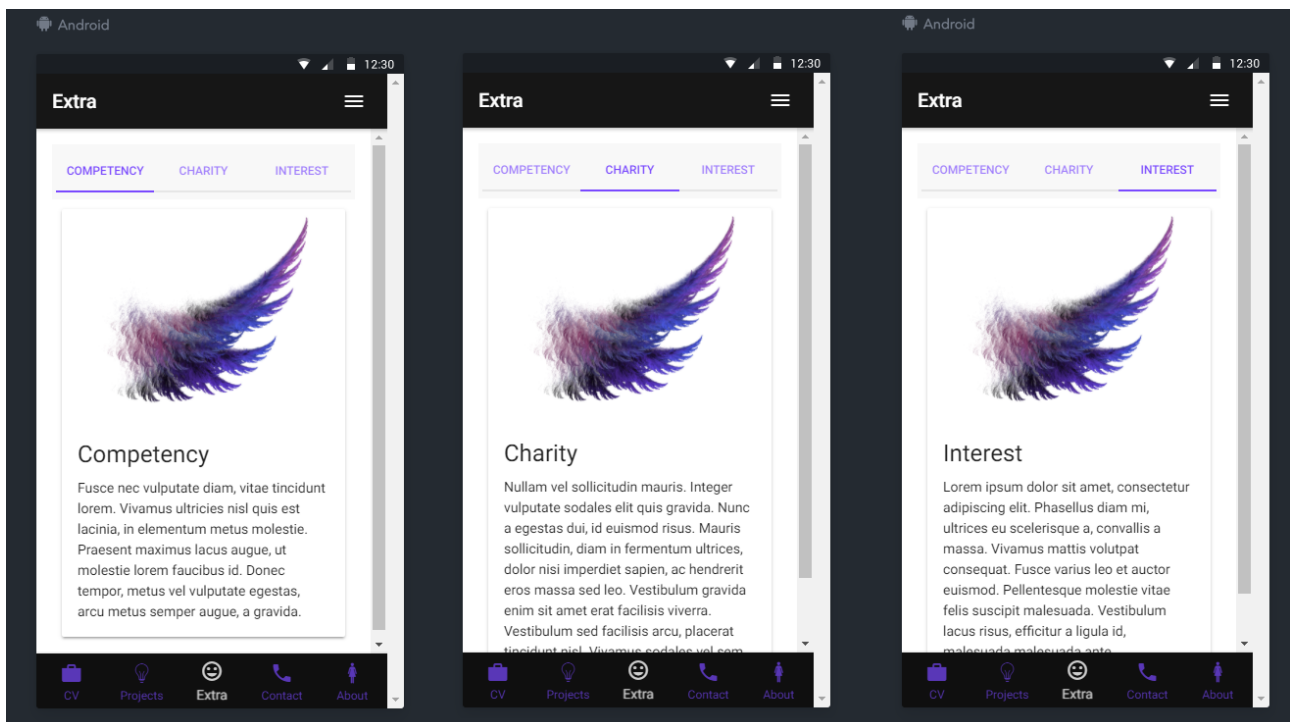
```

```

<> extra.html  TS extra.ts  x
1  import { Component } from '@angular/core';
2  import { IonicPage, NavController, NavParams } from 'ionic-angular';
3
4  /**
5   * Generated class for the ExtraPage page.
6   *
7   * See https://ionicframework.com/docs/components/#navigation for more info on
8   * Ionic pages and navigation.
9   */
10
11  @IonicPage()
12  @Component({
13    selector: 'page-extra',
14    templateUrl: 'extra.html',
15  })
16  export class ExtraPage {
17    extra: string = "competency";
18  }
19  constructor(public navCtrl: NavController, public navParams: NavParams) {
20  }
21
22  ionViewDidLoad() {
23    console.log('ionViewDidLoad ExtraPage');
24  }
25
26  }
27

```

So it should look like this:



Step-18: In contact page I used cool **<ion-fab>** component. Open **contact.html** / **contact.ts** and add this.

```

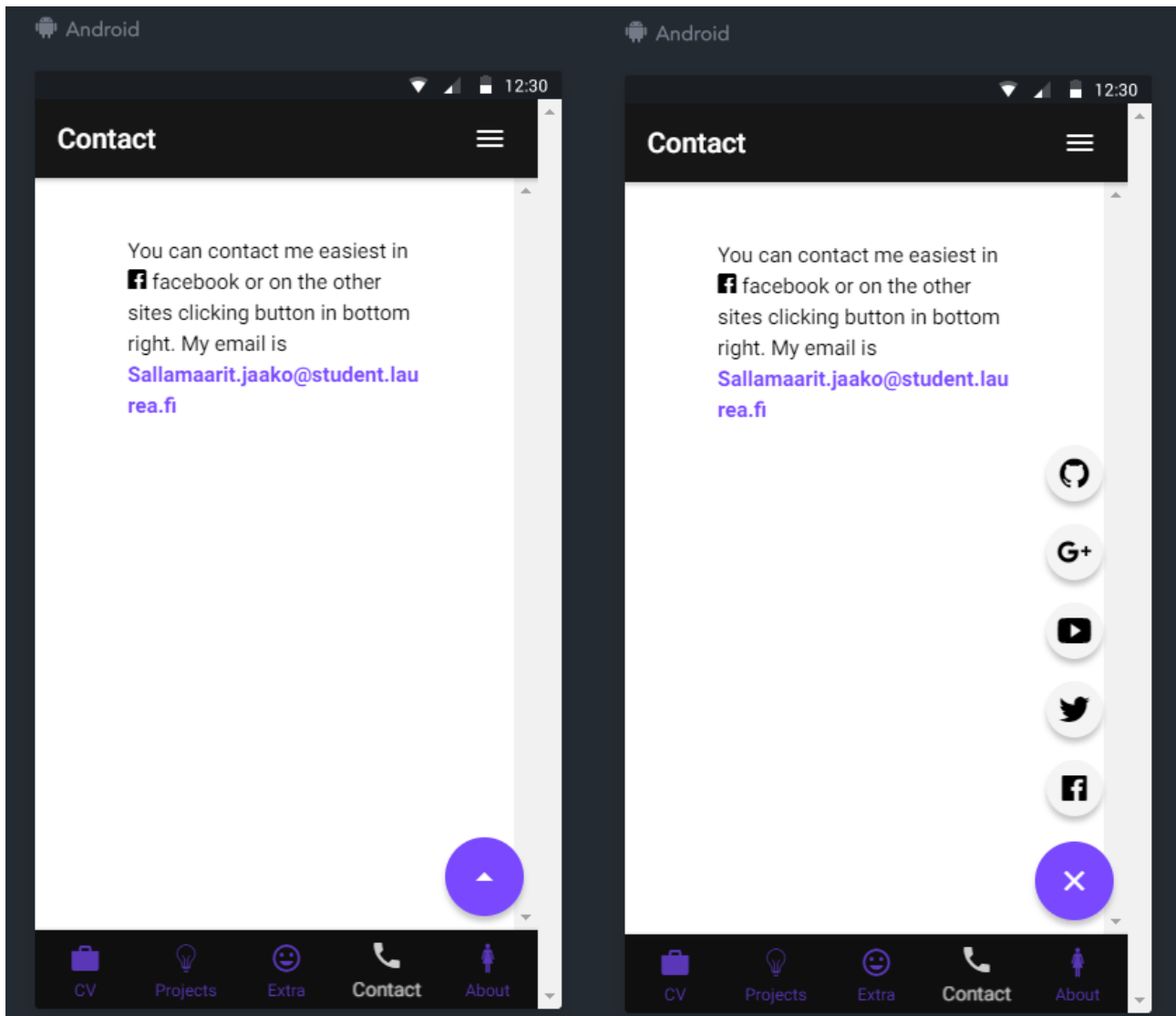
1  <!--
2  Generated template for the ContactPage page.
3
4  See http://ionicframework.com/docs/components/#navigation for more info on
5  Ionic pages and navigation.
6  -->
7  <ion-header>
8    <ion-navbar color="dark">
9      <ion-buttons start>
10       <button ion-button menuToggle>
11         <ion-icon name="menu"></ion-icon>
12       </button>
13     </ion-buttons>
14     <ion-title>Contact</ion-title>
15   </ion-navbar>
16 </ion-header>
17
18
19 <ion-content>
20   <ion-grid>
21     <ion-row center>
22       <ion-col>
23         <p>You can contact me easiest in
24         <ion-icon name="logo-facebook"></ion-icon> facebook or on the other sites clicking button in bottom right. My email is <b> Sallamaarit.jaako@student.laurea.fi</b></p>
25       </ion-col>
26     </ion-row>
27   </ion-grid>
28
29   <ion-fab right bottom #fab4>
30     <button ion-fab color="primary"><ion-icon name="arrow-dropup"></ion-icon></button>
31     <ion-fab-list side="top">
32       <button ion-fab (click)="openSocial('facebook', fab4)"><ion-icon name="logo-facebook"></ion-icon></button>
33       <button ion-fab (click)="openSocial('twitter', fab4)"><ion-icon name="logo-twitter"></ion-icon></button>
34       <button ion-fab (click)="openSocial('youtube', fab4)"><ion-icon name="logo-youtube"></ion-icon></button>
35       <button ion-fab (click)="openSocial('googleplus', fab4)"><ion-icon name="logo-googleplus"></ion-icon></button>
36       <button ion-fab (click)="openSocial('github', fab4)"><ion-icon name="logo-github"></ion-icon></button>
37     </ion-fab-list>
38   </ion-fab>
39 </ion-content>
40

```

```

1  import { Component } from '@angular/core';
2  import { IonicPage, NavController, NavParams } from 'ionic-angular';
3  //import { FabContainer } from '../src';
4  import { FabContainer } from 'ionic-angular';
5
6  /**
7   * Generated class for the ContactPage page.
8   *
9   * See https://ionicframework.com/docs/components/#navigation for more info on
10   * Ionic pages and navigation.
11   */
12
13 @IonicPage()
14 @Component({
15   selector: 'page-contact',
16   templateUrl: 'contact.html',
17 })
18 export class ContactPage {
19
20   constructor(public navCtrl: NavController, public navParams: NavParams) {
21   }
22
23   ionViewDidLoad() {
24     console.log('ionViewDidLoad ContactPage');
25   }
26
27   clickMainFAB() {
28     console.log('Clicked open social menu');
29   }
30
31   openSocial(network: string, fab: FabContainer) {
32     console.log('Share in ' + network);
33     fab.close();
34   }
35

```



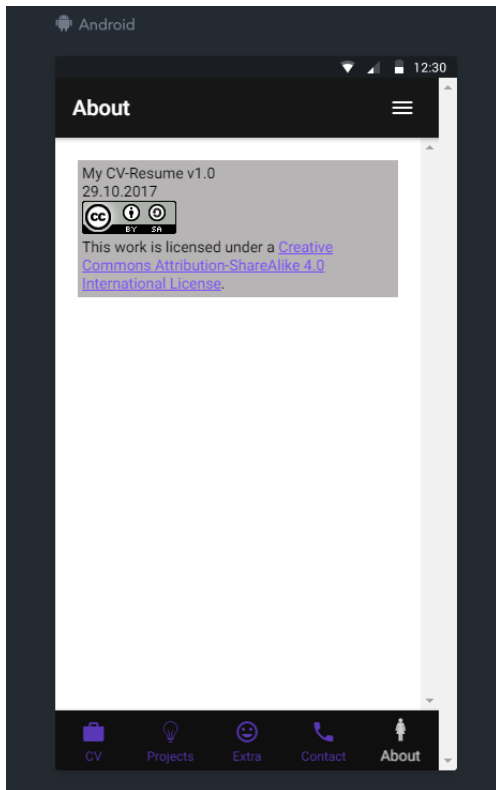
Step-19: About.html is kind of basic. Open **about.html** / **about.scss**

```

1  <!--
2  Generated template for the AboutPage page.
3
4  See http://ionicframework.com/docs/components/#navigation for more info on
5  Ionic pages and navigation.
6  -->
7  <ion-header>
8
9  <ion-navbar color="dark">
10     <ion-buttons start>
11         <button ion-button menuToggle>
12             <ion-icon name="menu"></ion-icon>
13         </button>
14     </ion-buttons>
15     <ion-title>About</ion-title>
16 </ion-navbar>
17
18 </ion-header>
19
20
21 <ion-content padding>
22 <ion-grid>
23 <ion-row>
24 <ion-toolbar>
25     My CV-Resume v1.0
26     <br> 29.10.2017
27 </ion-toolbar>
28
29
30 <a rel="license" href="http://creativecommons.org/licenses/by-sa/4.0/">This work is licensed under a <a rel="license" href="http://creativecommons.org/licenses/by-sa/4.0/">Creative Commons Attribution-ShareAlike 4.0 International License</a>.
31 </ion-toolbar>
32 </ion-row>
33 </ion-grid>
34 </ion-content>

```

```
about.html  about.scss x
1  page-about {
2
3      .toolbar-background {
4          background: rgb(182, 180, 180);
5          border-color: transparent;
6      }
7  }
8
```



End results:

