ESTRUTURA NOTE APP

src>app>app.component.ts

import { Component } from '@angular/core';

import { Platform } from 'ionic-angular';

import { StatusBar } from '@ionic-native/status-bar';

import { SplashScreen } from '@ionic-native/splash-screen';

import { HomePage } from '../pages/home/home';

@Component({

templateUrl: 'app.html'

})

export class MyApp {

rootPage:any = HomePage;

constructor(platform: Platform, statusBar: StatusBar, splashScreen: SplashScreen) {

platform.ready().then(() => {

// Okay, so the platform is ready and our plugins are available.

// Here you can do any higher level native things you might need.

statusBar.styleDefault();

splashScreen.hide();

});

}

}

src>app>app.html

<ion-nav [root]="rootPage"></ion-nav>

src>app>app.module.ts

import { BrowserModule } from '@angular/platform-browser';

import { ErrorHandler, NgModule } from '@angular/core';

import { IonicApp, IonicErrorHandler, IonicModule } from 'ionic-angular';

import { SplashScreen } from '@ionic-native/splash-screen';

import { StatusBar } from '@ionic-native/status-bar';

import { MyApp } from './app.component';

import { HomePage } from '../pages/home/home';

import { AddNotePage } from '../pages/add-note/add-note';

import { NoteService } from '../providers/note-service/note-service';

import { IonicStorageModule } from '@ionic/storage';

import { FormsModule, ReactiveFormsModule } from '@angular/forms';

import { ViewNotePage } from '../pages/view-note/view-note';

@NgModule({

declarations: [

MyApp,

HomePage,

AddNotePage,

ViewNotePage

],

imports: [

BrowserModule,

IonicModule.forRoot(MyApp),

IonicStorageModule.forRoot(),

FormsModule,

ReactiveFormsModule

],

bootstrap: [IonicApp],

entryComponents: [

MyApp,

HomePage,

AddNotePage,

ViewNotePage

],

providers: [

StatusBar,

SplashScreen,

{provide: ErrorHandler, useClass: IonicErrorHandler},

NoteService,

]

})

export class AppModule {}

src>app>main.ts

import { platformBrowserDynamic } from '@angular/platform-browser-dynamic';

import { AppModule } from './app.module';

platformBrowserDynamic().bootstrapModule(AppModule);

src>models>note.model.ts

export interface Note {

title: string

content: string

date: Date

createDate: number

}

src>pages>add-note>add-note.html

<ion-header>

<ion-navbar>

<ion-title>Add Note</ion-title>

</ion-navbar>

</ion-header>

<ion-content padding>

<form [formGroup]="formGroup" (ngSubmit)="saveNote(formGroup.value)">

<ion-item>

<ion-label>Date</ion-label>

<ion-datetime displayFormat="MM/DD/YYYY" formControlName="date"></ion-datetime>

</ion-item>

<ion-item>

<ion-label>Title</ion-label>

<ion-input type="text" name="title" formControlName="title" required></ion-input>

<div class="alert" \*ngIf="!formGroup.controls['title'].valid && formGroup.controls['title'].touched">{{ titleAlert}}</div>

</ion-item>

<ion-item>

<ion-label>Note</ion-label>

<ion-input type="text" name="content" formControlName="content" required></ion-input>

<div class="alert" \*ngIf="!formGroup.controls['content'].valid && formGroup.controls['content'].touched">{{ contentAlert}}</div>

</ion-item>

<button ion-button type="submit" [disabled]="!formGroup.valid">Save Note</button>

</form>

</ion-content>

src>pages>add-note >add-note.module,ts

import { NgModule } from '@angular/core';

import { IonicPageModule } from 'ionic-angular';

import { AddNotePage } from './add-note';

@NgModule({

declarations: [

AddNotePage,

],

imports: [

IonicPageModule.forChild(AddNotePage),

],

})

export class AddNotePageModule {}

src>pages>add-note >add-note.scss

page-add-note {

ion-content{

background: url(../assets/imgs/capa.jpg) no-repeat center fixed;

background-size: cover;

&:before {

content: '';

position: absolute;

top: 0;

right: 0;

bottom: 0;

left: 0;

background-image: linear-gradient(to bottom right, #02362C, #003199);

opacity: .6;

}

}

}

src>pages>add-note >add-note.ts

import { Component } from '@angular/core';

import { IonicPage, NavController, NavParams } from 'ionic-angular';

import { NoteService } from '../../providers/note-service/note-service';

import { Note } from '../../models/note.model';

import { FormGroup, Validators, FormControl } from '../../../node\_modules/@angular/forms';

@IonicPage()

@Component({

selector: 'page-add-note',

templateUrl: 'add-note.html',

})

export class AddNotePage {

formGroup: FormGroup;

note: Note;

date: Date = new Date();

title: string = '';

content: string = '';

constructor(public navCtrl: NavController, private noteService: NoteService) {

this.formGroup = new FormGroup({

title: new FormControl(),

content: new FormControl(),

date: new FormControl(),

})

}

saveNote(note: Note) {

this.noteService.saveNote(note);

this.navCtrl.pop();

}

}

src>pages>home>home.html

<ion-header>

<ion-navbar>

<ion-title>

My Notes

</ion-title>

</ion-navbar>

</ion-header>

<ion-content padding>

<ion-list>

<button ion-item \*ngFor="let note of notes | async" (click)="getNote(note.createDate)">

<span class="date">{{ note.date }} </span>

{{ note.title }}

</button>

</ion-list>

<button ion-button (click)="addNote()">Add Note</button>

</ion-content>

src>pages>home>home.scss

page-home {

ion-content{

background: url(../assets/imgs/capa.jpg) no-repeat center fixed;

background-size: cover;

&:before {

content: '';

position: absolute;

top: 0;

right: 0;

bottom: 0;

left: 0;

background-image: linear-gradient(to bottom right, #02362C, #003199);

opacity: .3;

}

}

.date {

font-weight: bold;

color: #888;

padding-right: 24px;

font-size: 0.8em;

}

}

src>pages>home>home.ts

import { Component } from '@angular/core';

import { NavController } from 'ionic-angular';

import { AddNotePage } from '../add-note/add-note';

import { NoteService } from '../../providers/note-service/note-service';

import { Note } from '../../models/note.model';

import { ViewNotePage } from '../view-note/view-note';

@Component({

selector: 'page-home',

templateUrl: 'home.html'

})

export class HomePage {

private notes: Promise<Note[]>;

private note: Note;

constructor(public navCtrl: NavController,

private noteService: NoteService) {

}

ionViewWillEnter() {

this.notes = this.getAllNotes();

}

addNote() {

this.navCtrl.push(AddNotePage);

}

getNote(createDate: number){

this.noteService.getNote(createDate).then((n) => {

this.note = n;

this.navCtrl.push(ViewNotePage, { note: this.note })

})

}

getAllNotes() {

return this.noteService.getAllNotes();

}

}

src>pages> view-note >view-note.html

<ion-header>

<ion-navbar>

<ion-title>view-note</ion-title>

</ion-navbar>

</ion-header>

<ion-content padding>

<ion-card>

<ion-card-content>

<ion-card-title>

{{ note.title }}

</ion-card-title>

<div class="note-date"> {{ note.date }} </div>

<hr />

<div> {{ note.content }} </div>

</ion-card-content>

</ion-card>

</ion-content>

<ion-footer>

<button ion-button color="danger" block (click)="deleteNote(note.createDate)">

Delete Note

</button>

</ion-footer>

src>pages> view-note >view-note.module.ts

import { NgModule } from '@angular/core';

import { IonicPageModule } from 'ionic-angular';

import { ViewNotePage } from './view-note';

@NgModule({

declarations: [

ViewNotePage,

],

imports: [

IonicPageModule.forChild(ViewNotePage),

],

})

export class ViewNotePageModule {}

src>pages> view-note >view-note.scss

page-view-note {

ion-content{

background: url(../assets/imgs/capa.jpg) no-repeat center fixed;

background-size: cover;

&:before {

content: '';

position: absolute;

top: 0;

right: 0;

bottom: 0;

left: 0;

background-image: linear-gradient(to bottom right, #02362C, #003199);

opacity: .3;

}

}

.note-date {

color: #888;

margim-bottom: 12px;

font-size: 0.8em;

}

}

src>pages> view-note >view-note.ts

import { Component } from '@angular/core';

import { IonicPage, NavController, NavParams } from 'ionic-angular';

import { NoteService } from '../../providers/note-service/note-service';

import { Note } from '../../models/note.model';

@IonicPage()

@Component({

selector: 'page-view-note',

templateUrl: 'view-note.html',

})

export class ViewNotePage {

note: Note;

constructor(public navCtrl: NavController,

public navParams: NavParams,

private noteService: NoteService) {

this.note = this.navParams.get('note');

}

deleteNote(createDate: number){

this.noteService.deleteNote(createDate);

this.navCtrl.pop();

}

}

src>provider>note-service.ts

import { HttpClient } from '@angular/common/http';

import { Injectable } from '@angular/core';

import { Storage } from '@ionic/storage';

import { Note } from '../../models/note.model';

@Injectable()

export class NoteService {

private notes: Note[]= [];

private note: Note;

constructor(public storage: Storage) { }

saveNote(note: Note) {

note.createDate = Date.now();

this.notes.push(note);

this.storage.set('notes', this.notes);

}

getAllNotes() {

return this.storage.get('notes').then(

(notes) => {

this.notes = notes == null ? [] : notes;

return [...this.notes];

}

)

}

getNote(createDate: number){

return this.storage.get('notes').then((notes) => {

this.note = [...notes].find(r => r.createDate === createDate);

return this.note;

})

}

deleteNote(createDate: number){

this.notes = this.notes.filter((note) => {

return note.createDate !== createDate

});

this.storage.set('notes', this.notes);

}

}