



Creating the PhoneBook Component

Create a **phonebook** folder inside **src/app/main** folder and add a new typescript file (**phonebook.component.ts**) in the phonebook folder as shown below:

```
import { Component, Injector } from '@angular/core';
import { AppComponentBase } from '@shared/common/app-component-base';
import { appModuleAnimation } from '@shared/animations/routerTransition';

@Component({
  templateUrl: './phonebook.component.html',
  animations: [appModuleAnimation()]
})

export class PhoneBookComponent extends AppComponentBase {
  constructor(
    injector: Injector
  ) {
    super(injector);
  }
}
```

Feedback



We inherited from **AppComponentBase** which provides some common functions and fields (like localization and access control) for us. It's not required, but makes our job easier.

As we declared in **phonebook.component.ts** we should create a **phonebook.component.html** view in the same phonebook folder:

```
<div [@routerTransition]>
  <div class="kt-content kt-grid__item kt-grid__item--fluid kt-grid kt-grid--hor
    <div class="kt-subheader kt-grid__item">
      <div [class]="containerClass">
        <div class="kt-subheader__main">
          <h3 class="kt-subheader__title">
            <span>{{"PhoneBook" | localize}}</span>
```



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```
</div>
<div [class]="containerClass + ' kt-grid__item kt-grid__item--fluid'">
  <div class="kt-portlet kt-portlet--mobile">
    <div class="kt-portlet__body kt-portlet__body--fit">
      <p>PHONE BOOK CONTENT COMES HERE!</p>
    </div>
  </div>
</div>
</div>
</div>
```

I (lower case 'l') function comes from **AppComponentBase** and used to easily localize texts.

[@routerTransition] attribute is required for page transition animation.

Now we should create a **phonebook.module.ts** and **phonebook-routing.module.ts** view in the same phonebook folder:

phonebook-routing.module.ts

```
import {NgModule} from '@angular/core';
import {RouterModule, Routes} from '@angular/router';
import {PhoneBookComponent} from './phonebook.component';

const routes: Routes = [{
  path: '',
  component: PhoneBookComponent,
  pathMatch: 'full'
}];

@NgModule({
  imports: [RouterModule.forChild(routes)],
  exports: [RouterModule],
})
export class PhoneBookRoutingModule {}
```

phonebook.module.ts

```
import {NgModule} from '@angular/core';
import {AppSharedModule} from '@app/shared/app-shared.module';
```



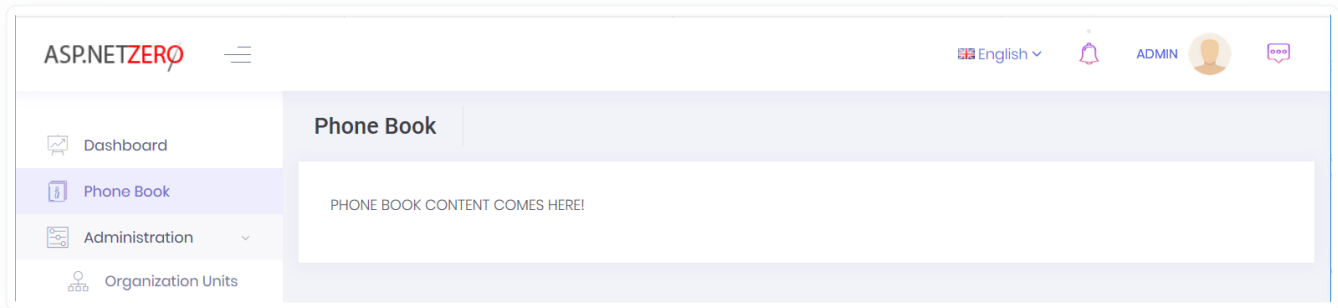


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```
@NgModule({  
  declarations: [PhoneBookComponent],  
  imports: [AppSharedModule, PhoneBookRoutingModule]  
})  
export class PhoneBookModule {}
```

Now, we can refresh the page to see the new added page:



Note: Angular-cli automatically re-compiles and refreshes the page when any changes made to any file in the application.

Next

- [Creating Person Entity](#)

