

ANGULAR 2 FUNDAMENTALS

December 13, 2017

PART 13

BUILDING AN ADMIN CONTROL PANEL

- ➤ We will build the admin control
- ➤ Learn about the following:
 - ➤ HttpModule
 - > Forms
 - ➤ JWT authentication

BUILDING AND ADMIN AREA

➤ ng g c admin

ADD ADMIN TO ROUTE

Open app.routes.ts

```
{ path: 'gallery', component: GalleryComponent},
  { path: 'contact', component: ContactComponent},
  { path: 'about', component: AboutComponent},
  { path: 'admin', component: AdminComponent}
};
```

➤ Don't forget to import admin component

```
import {AdminComponent} from './admin/admin.component';
```

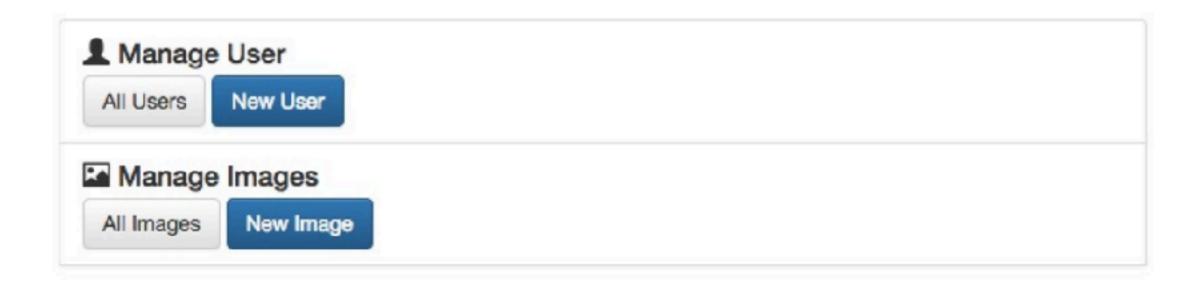
➤ Open localhost:4200/admin

ADD SOME LINKS TO ADMIN.COMPONENT.HTML

```
<div class="container">
  <div class="row banner">
    <div class="col-md-12">
      <div class="list-group">
        <div class="list-group-item">
          <div class="row-action-primary">
            <h4 class="list-group-item-heading"><span class="glyphicon glyphicon-user">
</span> Manage User</h4>
          </div>
          <div class="row-content">
            <a [routerLink]="['/admin/users']" class="btn btn-default btn-raised">All
Users</a>
            <a [routerLink]="['/admin/users/create']" class="btn btn-primary btn-raised
">New User</a>
          </div>
        </div>
        <div class="list-group-separator"></div>
        <div class="list-group-item">
          <div class="row-action-primary">
            <h4 class="list-group-item-heading"><span class="glyphicon glyphicon-pictu"</pre>
re"></span> Manage Images</h4>
          </div>
          <div class="row-content">
```

ADD SOME LINKS TO ADMIN.COMPONENT.HTML

CHECK SITE ADMIN



CREATE ADMIN ROUTES AS CHILD ROUTES

Create a file called admin/admin.routes.ts to store all admin routes

- ➤ We just created an new array of routes called adminRoutes
- ➤ Each route has a path and component

CREATE THE DASHBOARD AND ADMIN IMAGE LIST

- cd /src/app/admin
- > ng g c admin-image-list
- ➤ ng g c dashboard —flat

DASHBOARD.COMPONENT.HTML

```
<div class="container">
    <div class="row banner">
```

DASHBOARD.COMPONENT.HTML

```
<div class="col-md-12">
      <div class="list-group">
        <div class="list-group-item">
          <div class="row-action-primary">
            <h4 class="list-group-item-heading"><span class="glyphicon glyphicon-user">
</span> Manage User</h4>
          </div>
          <div class="row-content">
            <a [routerLink]="['/admin/users']" class="btn btn-default btn-raised">All
Users</a>
            <a [routerLink]="['/admin/users/create']" class="btn btn-primary btn-raised</pre>
">New User</a>
          </div>
        </div>
        <div class="list-group-separator"></div>
        <div class="list-group-item">
          <div class="row-action-primary">
            <h4 class="list-group-item-heading"><span class="glyphicon glyphicon-pictu"</pre>
re"></span> Manage Images</h4>
          </div>
          <div class="row-content">
            <a [routerLink]="['/admin/images']" class="btn btn-default btn-raised">All
 Images</a>
            <a [routerLink]="['/admin/images/create']" class="btn btn-primary btn-rais</pre>
ed">New Image</a>
          </div>
        </div>
        <div class="list-group-separator"></div>
      </div>
```

DASHBOARD.COMPONENT.HTML

```
</div>
</div>
</div>
```

OPEN APP.ROUTES.TS

> Find:

```
{ path: 'admin', component: AdminComponent}
```

➤ Modify:

```
{ path: 'admin', component: AdminComponent, children: adminRoutes}
```

- ➤ We added a children property which indicates that the admin path has some child routes (adminRoutes)
- ➤ Don't forget to import adminRoutes

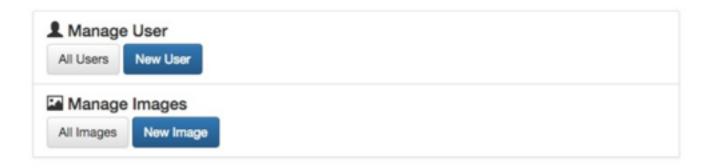
```
import {adminRoutes} from './admin/admin.routes';
```

OPEN ADMIN.COMPONENT.HTML

- ➤ Remove all
- ➤ add:
- <router-outlet></router-outlet>
- ➤ Visit http://localhost:4200/admin/images

admin-image-list works!

➤ localhost:4200/admin



LIST ALL IMAGES

- ➤ When visiting this page we can see all images, edit and delete a image
- ➤ Find:

```
export class AdminImageListComponent implements OnInit {
```

➤ Add below:

```
images: Observable<Image[]>;
```

➤ Let's use image service to load images

```
constructor(private imageService: ImageService) { }

ngOnInit() {
  this.images = this.imageService.getImages();
}
```

DON'T FORGET TO IMPORT THE FOLLOWING

```
import {Observable} from 'rxjs/Observable';
import { Image } from '../../models/image';
import {ImageService} from '../../services/image.service';
```

ADMIN-IMAGE-LIST-COMPONENT.TS

```
import { Component, OnInit } from '@angular/core';
import {Observable} from 'rxjs/Observable';
import { Image } from '../../models/image';
import {ImageService} from '../../services/image.service';
@Component({
  selector: 'ng-admin-image-list',
  templateUrl: './admin-image-list.component.html',
  styleUrls: ['./admin-image-list.component.css']
export class AdminImageListComponent implements OnInit {
  images: Observable<Image[]>;
```

ADMIN-IMAGE-LIST-COMPONENT.TS

```
constructor(private imageService: ImageService) { }

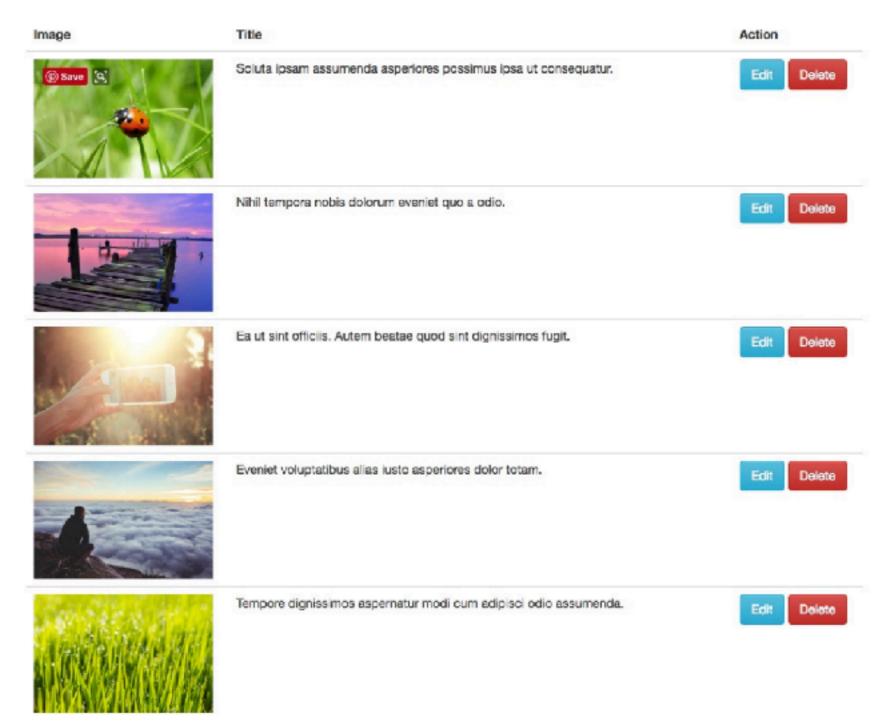
ngOnInit() {
   this.images = this.imageService.getImages();
}
```

ADMIN-IMAGE-LIST.COMPONENT.HTML

```
<div class="col-md-10 col-md-offset-1">
 <div class="table-responsive">
  <thead>
    Image
     Title
     Action
    </thead>
    <img src="{{image.thumbnail}}" width="200"/>
     {td>{{image.title}} 
     <
      <a [routerLink]="['/images/edit']" class="btn btn-info"> Edit</a>
      <a [routerLink]="['/images/delete']" class="btn btn-danger"> Delete</a>
     </div>
</div>
```

CHECK SITE

http://localhost:4200/admin/images



LETS ADD BUTTONS TO QUICKLY CREATE IMAGES

➤ Admin-image-list.component.html add at the top:

CHECK SITE

Image Title Action

Soluta ipsam assumenda asperiores possimus ipsa ut consequatur.

Edit Delete

Nihil tempora nobis dolorum eveniet quo a odio.

END OF PART 13