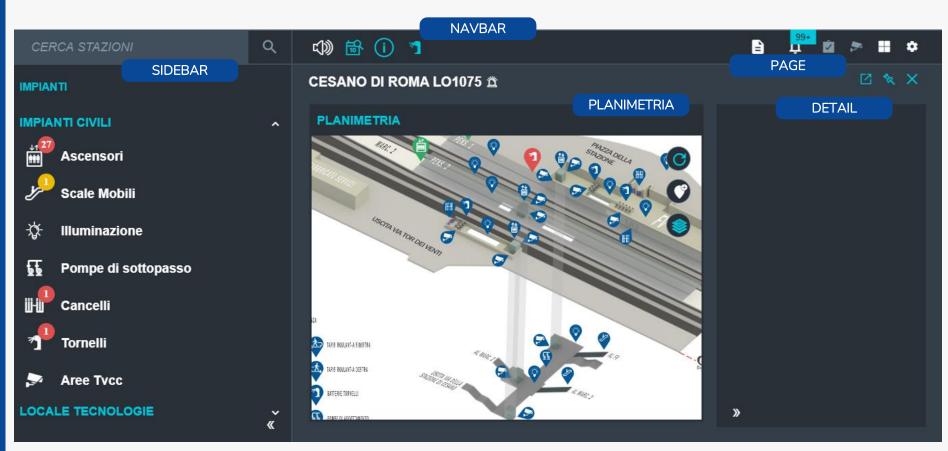


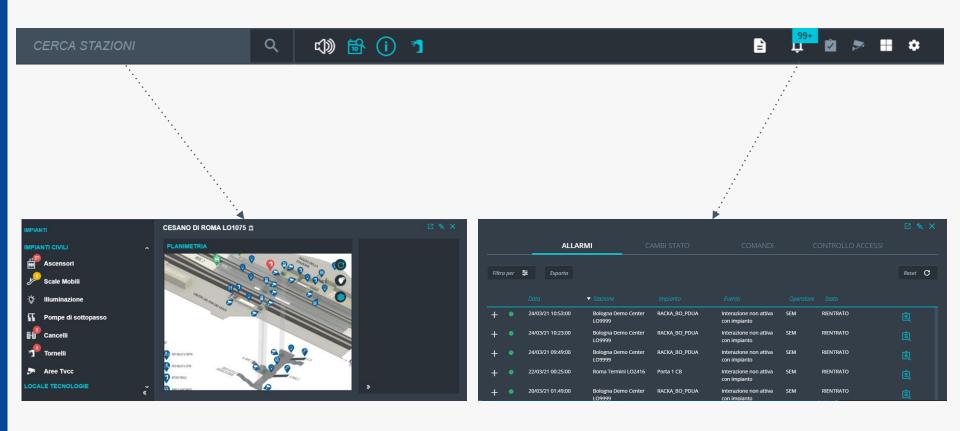
## Modules

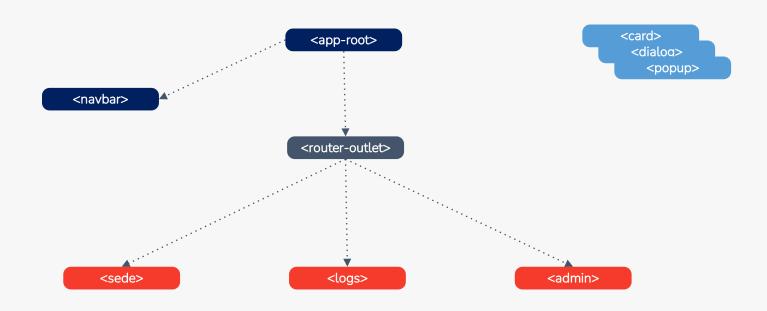
Fravezzi Mattia m.fravezzi@almaviva.it

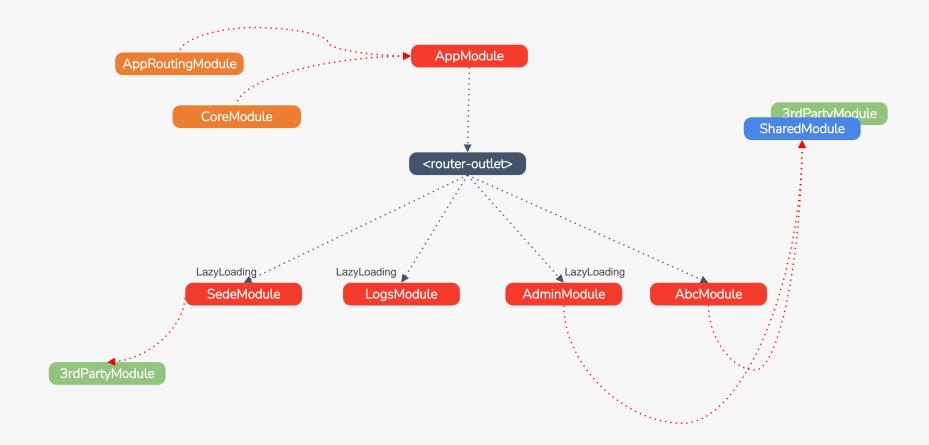
#### **∆lmaviv∆**



#### **∆lmaviv∆**









### Modules

```
import { NgModule } from '@angular/core';
import { BrowserModule } from '@angular/platform-browser';
@NgModule({
               [ BrowserModule ],
 imports:
 providers:
               [ Logger ],
 declarations: [ AppComponent ],
               [ AppComponent ],
 exports:
 bootstrap:
               [ AppComponent ]
export class AppModule { }
```

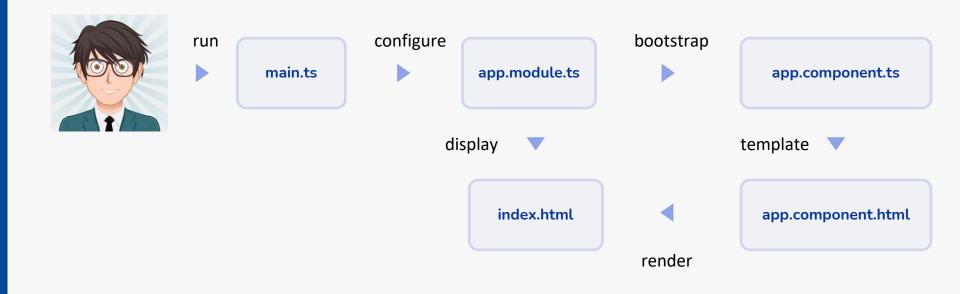
# Types of Feature Modules

NgModule	Declarations	Providers	Exports	Imported by
Domain	Yes	Rare	Top component	Another domain, AppModule
Routed	Yes	Rare	No	None
Routing	No	Yes (Guards)	RouterModule	Another domain (for routing)
Service	No	Yes	No	AppModule
Widget	Yes	Rare	Yes	Another domain
Shared	Yes	No	Yes	Another domain

# Frequently Used NgModules

BrowserModule @angular/platform-browser		When you want to run your app in a browser	
CommonModule	@angular/common	When you want to use NgIf, NgFor	
FormsModule	@angular/forms	When you want to build template driven forms	
ReactiveFormsModule	@angular/forms	When you want to build reactive forms	
RouterModule	@angular/router	When you want to use RouterLink	
HttpClientModule @angular/common/http		When you want to talk to a server	

### Modules Flow



# Lazy-loading

```
const routes: Routes = [
       path: '',
        pathMatch: 'full',
        redirectTo: AppRoutings.heroList,
   },
        path: AppRoutings.heroList,
        loadChildren: () => import('./hero-list/hero-list.module').then(res => res.HeroListModule)
];
@NgModule({
   imports: [RouterModule.forRoot(routes, { preloadingStrategy: PreloadAllModules })],
   exports: [RouterModule]
})
export class AppRoutingModule { }
```

# DEMO Core vs Shared



almaviva.it