Routing

We know for the navigation from onepage to other or with the pqge from one view to other view we use Rountg

In angular there are predefined libraries Router Module, approuting module, activated route, Routs

<Router-outlet>

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How it works ? Based on the url you provided in the web browser then Router inserts the component that get matched on the current browser url

Routs objects:

It is collectionof objects with path attribute and component,

Router link

Activated route for parames

**ROUTE GUARDS**

A route guard is a feature of the Angular Router that allows developers ***to run some logic when a route is requested, and based on that logic, it allows or denies the user access to the route.*** It’s commonly used to check if a user is logged in and has the authorization before he can access a page.

You can add a route guard by implementing the [CanActivate](https://angular.io/api/router/CanActivate) interface available from the @angular/router package and extends the canActivate() method which holds the logic to allow or deny access to the route. For example, the following guard will always allow access to a route:

class MyGuard implements CanActivate {

canActivate() {

return true;

}

}

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You can then protect a route with the guard using the canActivate attribute:

{ path: 'contacts/:id, canActivate:[MyGuard], component: ContactDetailComponent}