

Create a new project "demo-final", create the structure as we learned. "folder for everything components, services...etc"

Create Two services 

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graph LR; A[Create Two services] --> B[Auth service]; A --> C[products service]
```

The Auth service should handle all the Authentication process

login and logout

"Assume you are calling API for login as we did

in our session", Decode the Token and

Save it in both Behavior subject and local storage

and make sure to navigate the user to the Home page after that.

and prevent him to go back to the login page whatever he tried,

~~///~~ And of course there will be a login page using Reactive Form.

The second service "products service". should call the API of products and show the products in the home page and when click on any product should navigate to the product - details page

~~///~~ create Interceptor for any request \Rightarrow so the token is sent with the request "in its headers"

~~★~~ create another Interceptor for "loading" so when the request of products are sent \Rightarrow show the loading and when it finishes and the products are retrieved hide the loading and show products

~~★~~ Create Two Guards \rightarrow first for Authentication
 \rightarrow second for "if the user is logged in prevent him to go to the login page"

~~★~~ Important Note:-

This task has the most Degrees among all tasks
Deadline is "10/8" Sunday at 12 midnight "No EXCUSES"