

## Practical Assessment

### Short task description

You need to create an angular 13+ web application to show Products, Orders and Customers “using the attached json files”.

**IMPORTANT!:** Your solution should be well structured, organized and Architect, using the best patterns and practices.

**IMPORTANT!:** Your UI should use semantic HTML structure and should apply best responsive practices.

**IMPORTANT!:** You have to use Source control system while working on the task, and we are expecting you divide the tasks into small tasks and use branching and merging.

### Full task description:

We have 3 json arrays that we need to show them on a Good and responsive UI, we expecting 3 main Pages:

- 1- Products Page: a page that show all the products available to start make orders from them, you should highlight the products that are have very few quantities and edit it.
- 2- Orders Page: a page that show all the orders added in the system and the total price for each order and payment Method.
- 3- Order Details Page: a page with the order details (Order Details, Customer Details, products details and quantity).
- 4- Add new order: expecting to choose from the products page some products then redirect to another page or popup to add the order details (customer and payment method).
- 5- Using HttpInterceptor handle the following 5 methods:
  - a. getOrders()

- b. `getOrder(orderId)`
- c. `getProducts()`
- d. `addOrder(order)`
- e. `editProductQuantity( productId, quantity)`

**Duration:**

You have 4 days to finish the task and send us back the repository URL.

**Evaluation Criteria:**

We will evaluate your code and way of thinking and expecting

- A good organized, commented and clean code.
- Using Angular 13+.
- Scss for styling.
- Test Driven Development.
- A Full Responsive Application that can work on large and small screens.
- A Readme on the Repository that describe the application.
- The task is divided on small tasks each task in a branch and all tasks are merged in the master branch.<sup>68</sup>