

We are from "GOOD HAMBURGER", and we would like to build a software to place orders via APP/website.

You are responsible for building the backend and the business rules are listed below:

The user can choose three sandwich options:

1. X Burger – \$ 5,00
2. X Egg - \$ 4,50
3. X Bacon - \$ 7,00

User can also add Extras:

4. Fries - \$ 2,00
5. Soft drink - \$ 2,50

Rules

- If the customer selects a sandwich, fries, and soft drink, then the customer will have 20% discount.
- If the customer selects a sandwich and soft drink, then the customer will have 15% discount.
- If the customer selects a sandwich and fries, then the customer will have a 10% discount.
- Each order cannot contain more than one sandwich, fries, or soda. If two identical items are sent, the API should return an error message displaying the reason.

Requirements

- 1) Create a WEB API in C# - version 8 of .NET Core (it will not be necessary to include any type of authentication)
- 2) Create an endpoint to list sandwiches and extras.
- 3) Create an endpoint to list sandwiches only.
- 4) Create an endpoint to list extra only.
- 5) Create an endpoint to send an order and return the amount that will be charged to the customer.
- 6) Create an endpoint to list all orders.
- 7) Create an endpoint to update an order.
- 8) Create an endpoint to remove an order.

Observations

- All requests/tests will be done using the postman or swagger.
- Use local database or "in memory".
- The final project needs to be sent by email.