Software technical

Specifications and Features

Fiery Restaurant – Project

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1 Introduction

Fiery Restaurant is a software designed to enable people to search for food and place an order for delivery. Future implementation will make it an end-to-end eco-system for a user's travel journey.

2 Levels

Level 1:

1. Create an Angular Project. Name the project "Fiery Restaurant"
2. Create a component "view-order-info" which will display below mentioned information
3. Fields
   a. Order No
   b. Contact Name
   c. Order Date
   d. Items Ordered (Count to be displayed)
   e. Order Total
   f. Tax Total
   g. Grand Total
4. The above mentioned should be displayed from an object when the form is getting loaded
5. Create an Order Model which has above mentioned fields
6. Name the class "Order" having the required attributes
7. Service should fill data into the model and return to the component
8. Component must take the information from the object and display

Level 2:

1. Create a component "make-payment" for payment processing
2. Information to be captured
   a. Credit Card Number
   b. Name on Card
   c. Exp Month and Year
   d. CVV should be captured.

Level 3:

1. Rules to be implemented
   a. All fields are mandatory
   b. Year should be current or future year
   c. Month should greater than current month
   d. CVV Code should be 3 in size – Numbers only – For ex : 126
   e. Credit Card should be 16 digits long – (Only Numbers)
2. Have a function which will check for the above-mentioned rules when you submit payment information

Level 4:

1. Create a Payment Model – class Payment and have the above-mentioned information
2. Name the class "Payment" having the required attributes
3. Component must take the information from service and store the data from object and display

Level 5:

1. Call the Order API to get order information to be displayed
2. Pass the Order ID as parameter
3. API URL will be shared by backend team
4. Handle the exceptions and errors you can get when you make a backend call

Level 6:

1. Call the Payment API to make payment for the order
2. API URL will be shared by backend team
3. Handle the exceptions and errors you can get when you make a backend call

Level 7:

1. Call the Payment API to get all the payments made
2. API URL will be shared by backend team
3. Handle the exceptions and errors you can get when you make a backend call