

Stratocore Prospect Front-End Exercise

Overview:

This project is designed to assess your skills in front-end web development with a focus on creating an order management system for services in different categories. Please follow the instructions carefully and submit your completed project by the specified deadline.

Project Description:

Task:

Your task is to create a Vue web application that allows users to browse and order services from different categories. The application should have the following features:

1. **Categories:**
 - Display a list of service categories.
 - Users should be able to select a category to view available services.
2. **Services:**
 - Within each category, display a list of services.
 - Preload data and data type from a local file to get service information.
 - Include well-defined data types and structures for service information, such as service name, category, and description.
3. **Order Management:**
 - Allow users to add services to their cart and proceed to checkout.
 - Simulate basic CRUD operations for managing the shopping cart (backend or API not required).
4. **Price Rules:**
 - Incorporate a pricing system that can be customized based on rules for different services or categories.
 - Example: "Buy one, get one free" for a specific service or a discount for a category.

Requirements:

1. Use Vue.js as the frontend framework.
2. Clearly define data types and structures for service and order information.
3. Design a user-friendly interface for browsing categories, selecting services, and managing the shopping cart.
4. Simulate basic CRUD operations for adding, updating, and deleting items in the shopping cart.

Additional Considerations:

5. Error handling for user input.
6. Write clear and well-documented code.

7. Include instructions on how to set up and run your application.

Submission:

1. **Codebase:**

- Share the GitHub repository link containing your project.
- Or you can choose to share your application on any online hosting platform like codepen, jsfiddle, or any other platform which you prefer.

2. **Documentation:**

- Provide a README.md file with clear instructions on setting up and running the application.
- Include any additional notes or considerations for the reviewer.

Note:

- Backend and database are not required. You can separate features into different pages or different Vue instances.
- The primary focus is on creating a web application for ordering services.
- CSS styling is not a strong consideration, but the interface should be functional and user-friendly.

Demo Data: [Google Drive](#) 4 Json Files

Mockup UI:

Services and consumables available for order (select and enter the quantity values)
 (Some services and consumables will not be visible until you select a compatible project above)

(open all sections below) (hide all sections below)

<input type="checkbox"/> Image Processing		Unit price	Quantity	Price
#020003	Form	12.34	0	0
#020002	Manifest	12.34	0	0
#020017	Test 1	1-15 : 12.34 15+ : 34.21	0	0
#020018	Test 2	12.34	0	0
#020019	Test 3	12.34	0	0
<input type="checkbox"/> Laser Micro-Dissection		Unit price	Quantity	Price
#020001	Laser Micro-Dissection Service	12.34	0	0
TOTAL			Quantity	Price
			0	0

Order

Save quote