Online Food Order

IIHT

Time To Complete: 3 hr

CONTENTS

1 Problem Statement

Online Food order system is SPA (Single Page Application) for ordering food items online.

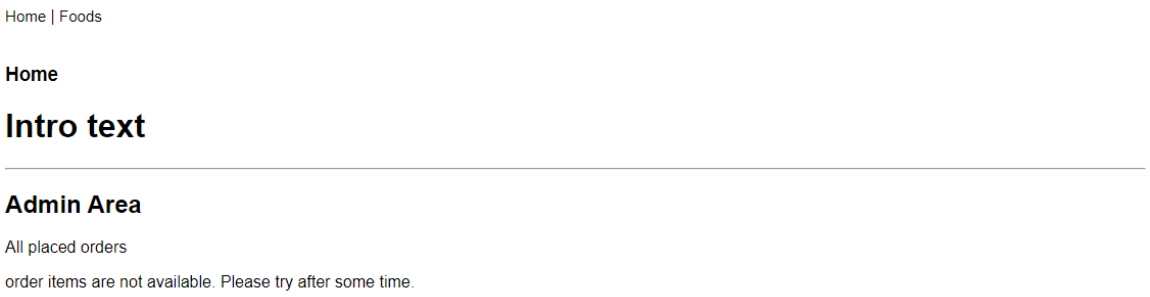
The core modules are:

1. Welcome Page
2. Admin Area
3. Select Food Item
4. Order Food Item

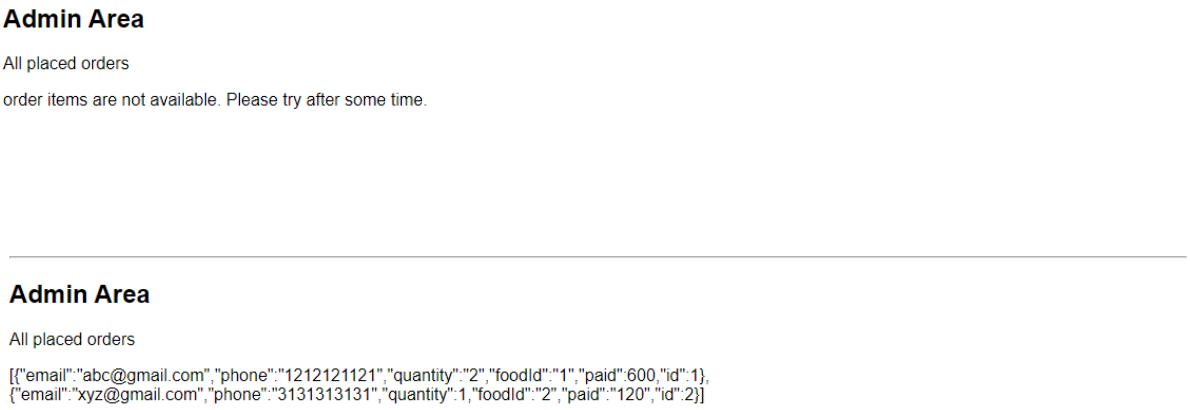
2 Proposed Wireframe

UI needs improvisation and modification as per given use case and to make test cases passed.

2.1 Welcome page



2.2 Admin Area



2.3 Select Food Items

Home | Foods

Foods

Onion Pizza

Ratings: 3.4
Type veg
Price 300

Place Order

Masala Dosa

Ratings: 4.2
Type veg
Price 120

Place Order

Admin Area

All placed orders

[{"email":"abc@gmail.com","phone":"1212121121","quantity":"2","foodId":"1","paid":600,"id":1},
{"email":"xyz@gmail.com","phone":"3131313131","quantity":1,"foodId":"2","paid":"120","id":2}]

2.4 Order Food Item

Home | Foods

PlaceOrder

Details

Phone

Email

Quantity
1

Price (Per item)
300

Price (Total)
300

Submit

Admin Area

All placed orders

[{"email":"abc@gmail.com","phone":"1212121121","quantity":"2","foodId":"1","paid":600,"id":1},
{"email":"xyz@gmail.com","phone":"3131313131","quantity":1,"foodId":"2","paid":"120","id":2}]

3 BUSINESS-REQUIREMENT:

As an application developer, develop the Online Food Ordering App (Single Page App) with below guidelines:

User Story #	User Story Name	User Story
US_01	Welcome Page	As a user I should be able to visit the welcome page as default page. Acceptance criteria: 1. User can click *Foods* links given in menu bar. 2. User can click on *Home* link to come on landing page from anywhere. 3. User should be able to view Food Items, if ordered, in Admin area, else should show “order items not available, Please try after some time”
US_02	Admin Area	As a user I should be able to 1. To view Food Items, if ordered, in Admin area, else should show “order items not available, Please try after some time”. 2. Admin Area must be shown as a common footer in all components. 3. Ordered Food items can be shown as JSON data.
US_03	Select Food Item	As a user I should be able to 1. View all the food items available. 2. All the food item should contain below details: ◆ Food Item Image ◆ Food Item Name ◆ Rating ◆ Type ◆ Price ◆ Place Order button 3. Click on Place Order button to select food item and route to order food component. 4. A valid message should be visible if no Food Item is available. 5. Only those Food items must be shown whose available field value is true.
US_04	Order Food Item	As a user I should be able to 1. Insert below details: ◆ Phone (required) ◆ Emailid (required) ◆ Quantity (required, minimum should be 1) ◆ Price per item (auto selected and not editable) ◆ Total price (auto calculated and not editable)

		2. Click on Submit button to confirm order. 3. As soon as order is placed successfully, it must be reflected immediately in Admin Area

4 CONSTRAINTS

1. On the order food item page load, input focus must come to first input field.
2. You should be able to press “TAB” key and “SHIFT + TAB” to navigate from top field to bottom field and vice-versa.
3. Food Item details must be fetched via fake-rest API from /data-source/food-db.json.(You can add more records for detailed testing)
4. On click of “Submit” button, order details must be saved via fake-rest API in /data-source/food-db.json.
5. Fake rest api is implemented with json-server.

Example JSON for reference of fields to be used:

food-db.json


```
{
  "foods": [
    {
      "id": 1,
      "name": "Onion Pizza",
      "image":
          "https://images.pexels.com/photos/7813577/pexels-photo-7813577.jpeg?auto=compr
          ess&cs=tinysrgb&w=1260&h=750&dpr=1",
      "ratings": 3.4,
      "type": "veg",
      "available": true,
      "price": 300
    },
    {
      "id": 2,
      "name": "Masala Dosa",
      "image":
          "https://www.cookwithmanali.com/wp-content/uploads/2020/05/Masala-Dosa-500x3
          75.jpg",
      "ratings": 4.2,
      "type": "veg",
      "available": true,
      "price": 120
    }
  ],
  "orders": []
}
```

5 MANDATORY ASSESSMENT GUIDELINES

1. **All actions like build, compile, running application, running test cases will be through Command Terminal.**
2. **To open the command terminal the test takers, need to go to**

   Application menu (Three horizontal lines at left top) -> Terminal ->New Terminal.
3. **This editor Auto Saves the code.**
4. **If you want to exit(logout) and continue the coding later anytime (using Save & Exit option on Assessment Landing Page) then you need to use CTRL+Shift+B-command compulsorily on code IDE. This will push or save the updated contents in the internal git/repository. Else the code will not be available in the next login.**
5. **These are time bound assessments the timer would stop if you logout and while logging in back using the same credentials the timer would resume from the same time it was stopped from the previous logout.**
6. **To test any Restful application, the last option on the left panel of IDE, you can find ThunderClient, which is the lightweight equivalent of POSTMAN.**
7. **This is a web-based application, to run the application on a browser, use the internal browser in the workspace. Click on the second last option on the left panel of IDE, you can find Browser Preview, where you can launch the application.**

   Note: The application will not run in the local browser
8. **You can follow series of command to setup React environment once you are in your project-name folder:**
   a. **npm install -> Will install all dependencies -> takes 10 to 15 min**
   b. **npm run start -> To compile and deploy the project in browser. You can press <Ctrl> key while clicking on localhost:8080/8081 to open project in browser -> takes 2 to 3 min**
   c. **npm run json-server -> to deploy fake rest api created with json-server -> takes 10 to 15 seconds**

d. **npm run test -> to run all test cases. It is mandatory to run this command before submission of workspace -> takes 5 to 6 min**

9. **You may also run "npm run test" while developing the solution to re-factor the code to pass the test-cases.**
10. **Once you are done with development and ready with submission, you may navigate to the previous tab and submit the workspace. It is mandatory to click on "Submit Assessment" after you are done with code.**
11. **You need to use CTRL+Shift+B - command compulsorily on code IDE, before final submission as well. This will push or save the updated contents in the internal git/repository, and will be used to evaluate the code quality.**