**Front end applicant exercise - Please complete and attach to Resume.**

**Design the UI/UX and build a single page web application using only front end technologies:**

1. **The web application takes a GET request URL with the following data:**
   * **The guest first name**
   * **The guest last name**
   * **The guest email**
   * **The booked room code (QUEEN, KING, SUITE)**
   * **The booked room price (can do just the number without the currency)**
2. **Display the booked room information in the web application for the guest booking including:**
   * **Guest first name**
   * **Guest last name**
   * **Booked room short description**
   * **Price for the room**
3. **Display the offers based on the rules listed here:**
   * **If the booked room code is QUEEN, the offers displayed should include:**
     1. **Offer to upgrade to the KING room, item\_id: 101**
     2. **Offer to upgrade to the SUITE room, item\_id: 102**
   * **If the booked room code is KING, the offer(s) displayed should include:**
     1. **Offer to upgrade to the SUITE room, item\_id: 102**
   * **If the booked room price is 199 or more, the offer(s) should include:**
     1. **Offer to add Champagne and Strawberries for $100**
4. **Provide a way for the guest to select one or more offers**
5. **Provide a way for the guest to submit their selections to an API (no need to build the actual API, you can just submit the data to a fake/stub API)**
6. **Display a confirmation page for the selected offer(s)**

**Please consider the following. You can either show it in code, or just explain how you would do this if it will take a significant amount of time.**

* **How would you handle branding and theming for different hotels?**
* **How should 10+ different languages be supported?**
* **How should 10+ different currencies be supported?**
* **How would you handle no offers available if there are no matching rules?**

**Offers dataset:**

**[**

**{**

**"image\_url": "https://www.norone.com/nor1images/h-008/000153/small/00001717.jpg",**

**"short\_desc": "Queen Bed with Lanai Access",**

**"long\_desc": "Enjoy floor to ceiling windows with sliding glass door opening**

**directly to a Sun Deck furnished with patio furniture and located on the 5th floor for your comfort and convenience during your stay.",**

**"item\_id": 100,**

**"room\_code": "QUEEN",**

**"price": "$20 extra per night"**

**},**

**{**

**"image\_url": "https://www.norone.com/nor1images/h-008/000153/small/00001701.jpg",**

**"short\_desc": "King Bed with Lanai Access",**

**"long\_desc": "King Bed with Lanai Access. Enjoy floor to ceiling windows**

**with sliding glass door opening directly to a Sun Deck furnished with patio furniture for relaxing on the 5th floor during your stay.",**

**"item\_id": 101,**

**"room\_code": "KING",**

**"price": "$25 extra per night"**

**},**

**{**

**"image\_url": "https://www.norone.com/nor1images/h-008/000153/small/00001728.jpg",**

**"short\_desc": "Premier Suite with Lanai Access",**

**"long\_desc": "Enjoy this large open floor plan with dining area, living area**

**including pullout sleeper sofa with attached King bedroom, wet bar, and refrigerator, featuring floor to ceiling windows with sliding glass door opening directly to a Sun Deck, ideal for meeting planners, executives or families looking for extra space.",**

**"item\_id": 102,**

**"room\_code": "SUITE",**

**"price": "$30 extra per night"**

**},**

**{**

**"image\_url": "https://www.norone.com/nor1images/h-026/000892/small/00011999.jpg",**

**"short\_desc": "Champagne and Strawberries",**

**"long\_desc": "Upon arrival, enjoy a combination of fresh strawberries and**

**a bottle of chilled champagne from the comfort of your own guestroom.",**

**"item\_id": 103,**

**"price": "$50 extra"**

**}**

**]**