Software technical

Specifications and Features

HappyTrip – Project

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1 Introduction

HappyTrip is a software designed to enable people to search for flights, book tickets and travel. Future implementation will make it an end-to-end eco-system for a user's travel journey.
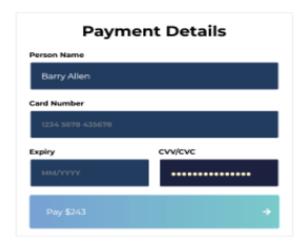
2 Levels

Level 1:   **10 marks**

1. Create a Web UI Project
2. Create an HTML which will help to capture flight and payment information
3. Information given below
4. Left side html will show the below mentioned info in html
   a. Flight Image – Indigo
   b. Flight No – 66E5
   c. Departure Date – 3rd June 2022
   d. Departure Time – 3:30pm
   e. Arrival Date – 3rd June 5.45pm
   f. Passenger Name – Navya D
   g. Mobile No – 909090876
   h. Date Of Birth – 1-1-1999
   i. From – Bangalore
   j. To – Delhi
5. The above mentioned should be displayed from an object in Js onload of the form

Level 2:   **10 marks**

1. Create the html below flight information for payment processing
2. Credit Card Number, Name on Card, Exp Month and Year CVV should be captured.

Payment Details

Person Name

Barry Allen

Card Number

1234 5678 435678

Expiry

MM/YYYY

CVV/CVC

••••••••••••••••

Pay $243 →

Level 3:   **15 marks**

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 letters only
    e. Credit Card should be 16 digits long
2. Have a function which will check for the above-mentioned rules when you submit payment information

Level 4:   **15 marks**

1. Create a new file called PaymentService.js
2. Implement the Process Payment method in this PaymentService.js
3. This should receive the flight and payment object
4. Then make an ajax call to UL https://payment.happytrip.com/processpayment via Post Method
5. Handle the exceptions and errors you can get when you make a backend call