Web Coding Assignment

The purpose of this assignment is to test your proficiency in building high-quality user applications. Plan to spend about 3 hours on the assignment and an hour on a write-up. You will have a total of 24 hours for the entire assignment.

Assignment

You need to build a simple app which obtains credit/debit card details from a user and submits the data to an API (details below) and displays the response.

The fields required from a user are:
1. Name
2. Credit/Debit card number
3. CVV
4. Expiry month and year

You should submit this data to a dummy API and display the success or error message as applicable. You can find the details of the API below.

It is expected that your app adapts to different screen sizes, performs data validation and has a clean UI. Please write code that is easily extendable using any library you need.

Bonus

Add automated tests for your app.

Deliverables

The expected deliverables are the entire application as well as a write-up describing your choice of frameworks, code structure and a list of ideas for how the screen can be improved further. Please share them in a zipped folder.

API Doc

URL: https://run.mocky.io/v3/0b14a8da-5fc7-4443-8511-53d687399bc9
Method: POST
Headers :

- Content-Type: application/json
- Origin: https://instacred.me
- **Input parameters:**
    - cardNo
    - cvv
    - expiryMonth
    - expiryYear

○ name

All params and headers are mandatory.

Response Parameters

- requestId (Unique request no. generated for the request)
- name (user name as submitted in request)
- requestDate (timestamp of request submission)
- Sample Success Response : {
  "success": true, "data": {
  "requestId": 38608,
  "name": "Test",
  "requestDate": 1522938824338
  } }
- Sample Error Response : {
  "success": false,
  "data": "Error submitting card details" }