XSF: FullStack Developer Test

Pt.1 Basic JS, CSS

A. Create a function that converts the format of this variable

```
Input: [
  { name: "Alex", tel: "0991112222", code: "xsf0001"},
  { name: "Jane", tel: "0812221234", code: "xsf0002"},
  { name: "Alex", tel: "0832214433", code: "xsf0001"},
  { name: "Alex", tel: "0991113122", code: "xsf0003"}
]
Output: [
  { name: "Alex", tel: ["0991112222", "0832214433"], code:
  "xsf0001"},
  { name: "Jane", tel: "0812221234", code: "xsf0002"},
  { name: "Alex", tel: "0991113122", code: "xsf0003"}
]
```

B. Create a function that converts the format of this variable

```
Input: {
      customer: "Xsurface",
      contact: [
      {name: “Max”},
      {name: “Mike”},
      {name: “Adam”}],
      address: “Sukhumvit 62”,
      }
Output: [ {
        name: “Max”,
        customer: "Xsurface",
        address: “Sukhumvit 62”,
      },{
        name: “Mike”,
        customer: "Xsurface",
        address: “Sukhumvit 62”,
       },{
        name: “Adam”,
        customer: "Xsurface",
        address: “Sukhumvit 62”,
        }]
```

C. Create a function that converts the format of this variable

```
Input: [
      { name: “A”, age: “30”},
      { name: “B”, age: “9”},
      { name: “C”, age: “20”},
      { name: “D”, age: “18”},
      { name: “E”, age: “11”},
      { name: “F”, age: “60”},
      { name: “G”, age: “27”},
```

```
        { name: "H", age: "90"},
        { name: "I", age: "21"},
        { name: "J", age: "12"}
        ]
Output: ["B", "J", "D", "I", "G", "A"]
```

D. Create a function that receives input from question C and always displays a bullet list of Outputs with this format style.
   Example:
   - **This is A, It correctly outputs from question C.**
   - **This is B, It correctly outputs from question C.**

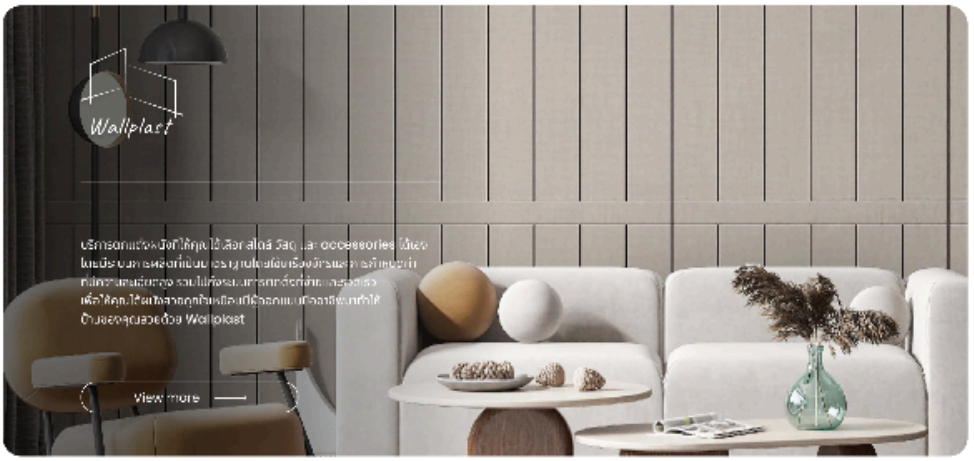
Pt.2 Develop web applications with React, NodeJS, and Mongo

Collections

คอลเลคชั่นทั้งหมด

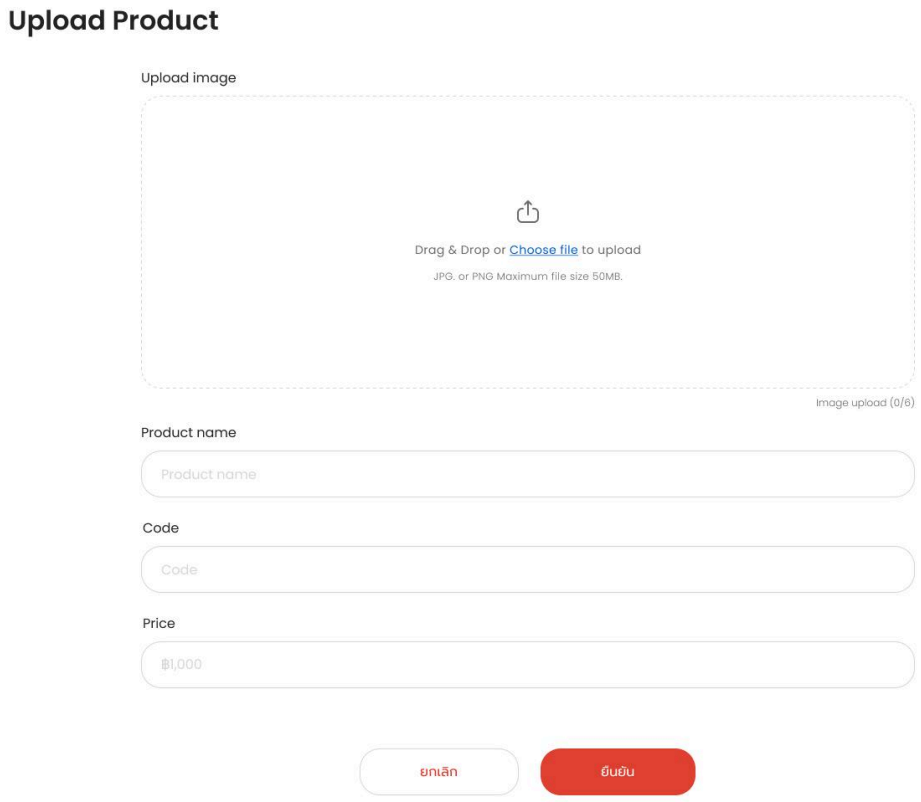
FUVAL (Silver)...

FUVAL (Silver)...



ร้านค้าที่ร่วมขายกับเรา

XSURFACE



1. Frontend Requirement:
    a. Use ReactJS or NextJS.
    b. Can use any frontend framework and library. (Can use the styled-components would be receiving special consideration.)
    c. For more details, please follow this Figma link:
    landing page:
    https://www.figma.com/design/VBUrmBGNh0XVwnc32V6r3C/Xsurface-Frontend-Test?node-id=0-1&t=q8qDC1MXa5Oekm0U-1

    upload product page:
    https://www.figma.com/file/R7b0xL3CNsrOis4CqtLBLd/Upload-Product?type=design&node-id=0%3A1&t=cTfF69GbkQ3GLT3u-1
    d. The search box on the product list page is an optional requirement, but it has extra points (Search Product by name and code).
    e. An optional requirement: Create a product Detail page without design from UXUI (freestyle add-ons function).
2. Design a schema database for the application by yourself and explain it in an interview.
3. Create an API and connect it to the Frontend.

Pt.3 Basic Deploy
Push code from Pt.2 to your git with a read-me file, and deploy your app with any hosting providers.

Pt.4 List name and level of expertise about any third-party, library that you used to use such as context API, styled component, NextJS, GA, SEO lib, middleware lib, pdf lib, hosting file in s3, elastic search .etc (For Developer's interview)

If you have any questions, please contact me at E-mail: developer@xsurface.com. (Can use Thai to contact.)