

# HACKATHON DAY 2

## E-COMMERCE MARKETPLACE

DETAILS:

### Front-end

Next.js framework typescript and tailwind css,with responsive interface for every devices

pages:

- Home (static route)
- About (static route)
- Shop (static route)
- Checkout (with shipment tracking integration)
- Cart

### Back-end

#### Product data

Endpoint:/products

Method :GET

Response :[{

id:01,

Name :”kulsum shaikh”,

price:25,00,000,

Stock:20,

}]

#### Customer Data

Endpoint:/customer-data

Method :GET

Response :[{

id:01,

Name :”kulsum shaikh”,

Contact Email:”xyz@gmail.com”,

Contact no:03001234567,

Address :”flat abc , Karachi Pakistan”}]

### **Order Data:**

Endpoint:/shipment

Method :GET

Response :[{

Product id:001,

Quantity:1,

Total Price:250,00000 ,

Delivery Status :Active

### **Sanity Schema for Products**

export default {

name: 'product',

type: 'document',

title: 'Product',

fields: [

{

name: 'name',

```
type: 'string',

title: 'Product Name',

validation: (Rule) => Rule.required().min(2).max(100),

},

{

  name: 'slug',

  type: 'slug',

  title: 'Slug',

  options: {

    source: 'name',

    maxLength: 96,

  },

  validation: (Rule) => Rule.required(),

},

{

  name: 'description',

  type: 'text',

  title: 'Description',

  validation: (Rule) => Rule.max(500),

},

{

  name: 'price',

  type: 'number',

  title: 'Price',

  validation: (Rule) => Rule.required().min(0),
```

```
},  
  
{  
  name: 'categories',  
  type: 'array',  
  title: 'Categories',  
  of: [  
    {  
      type: 'reference',  
      to: [{ type: 'category' }],  
    },  
  ],  
},  
  
{  
  name: 'image',  
  type: 'image',  
  title: 'Product Image',  
  options: {  
    hotspot: true,  
  },  
  validation: (Rule) => Rule.required(),  
},  
  
{  
  name: 'inStock',  
  type: 'boolean',  
  title: 'In Stock',
```

```
    initialValue: true,

  },

  {

    name: 'sku',

    type: 'string',

    title: 'SKU (Stock Keeping Unit)',

    validation: (Rule) => Rule.required(),

  },

  {

    name: 'rating',

    type: 'number',

    title: 'Rating',

    description: 'Average customer rating',

    validation: (Rule) => Rule.min(0).max(5),

  },

  {

    name: 'tags',

    type: 'array',

    title: 'Tags',

    of: [{ type: 'string' }],

  },

],

};
```

## **Third Party API'S**

### **Payment integration:**

- Easy paisa
- Jazz cash
- Back account

### **Shipment details:**

- Ship engine
- Shipo

### **Delivery details:**

- TCS
- Leoopard

### **Work Flow:**

- User directly interact with the front-end
- Products fetch from sanity CMS
- Payment and Delivery from API