

# **HACKHATON 3**

## **DAY # 2**

### Marketplace Technical Foundation [ AURA BOX ]

#### **1. Technical Requirments:**

##### **Front-end:**

NextJS, HTML & TailwindCSS

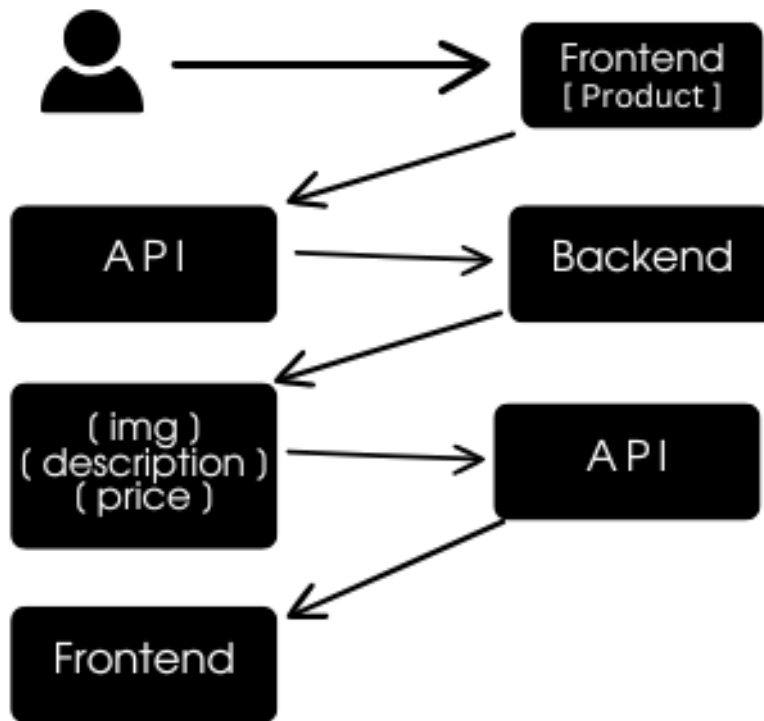
##### **Content Management System:**

Sanity

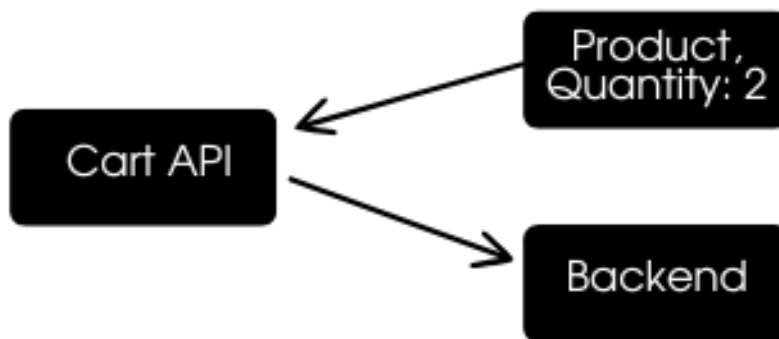
##### **API:**

Will use 3<sup>rd</sup> party APIs for Payment, Shipping, Tracking etc

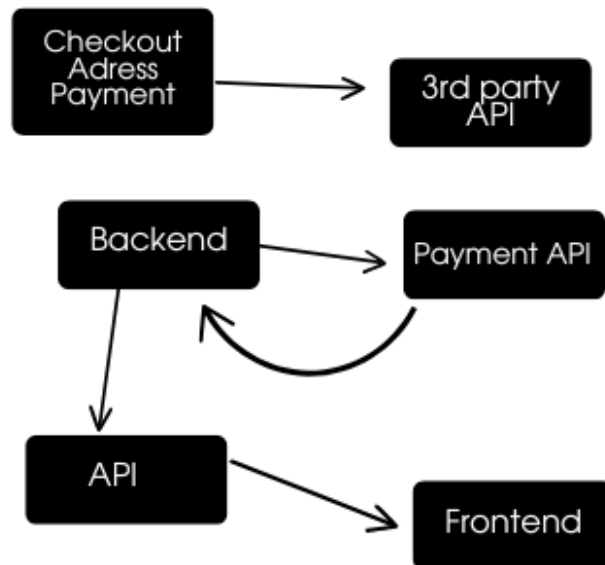
## Technical Requirement Flow Chart



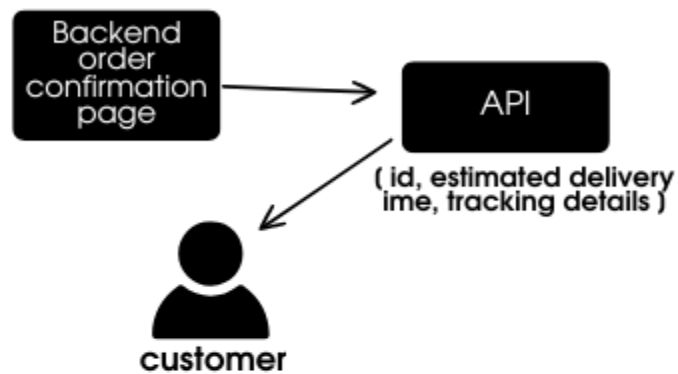
Added Product In Cart



### Checkout:



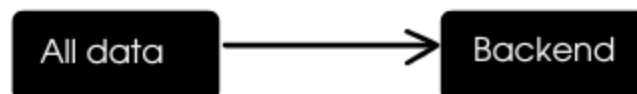
### Order confirmation:



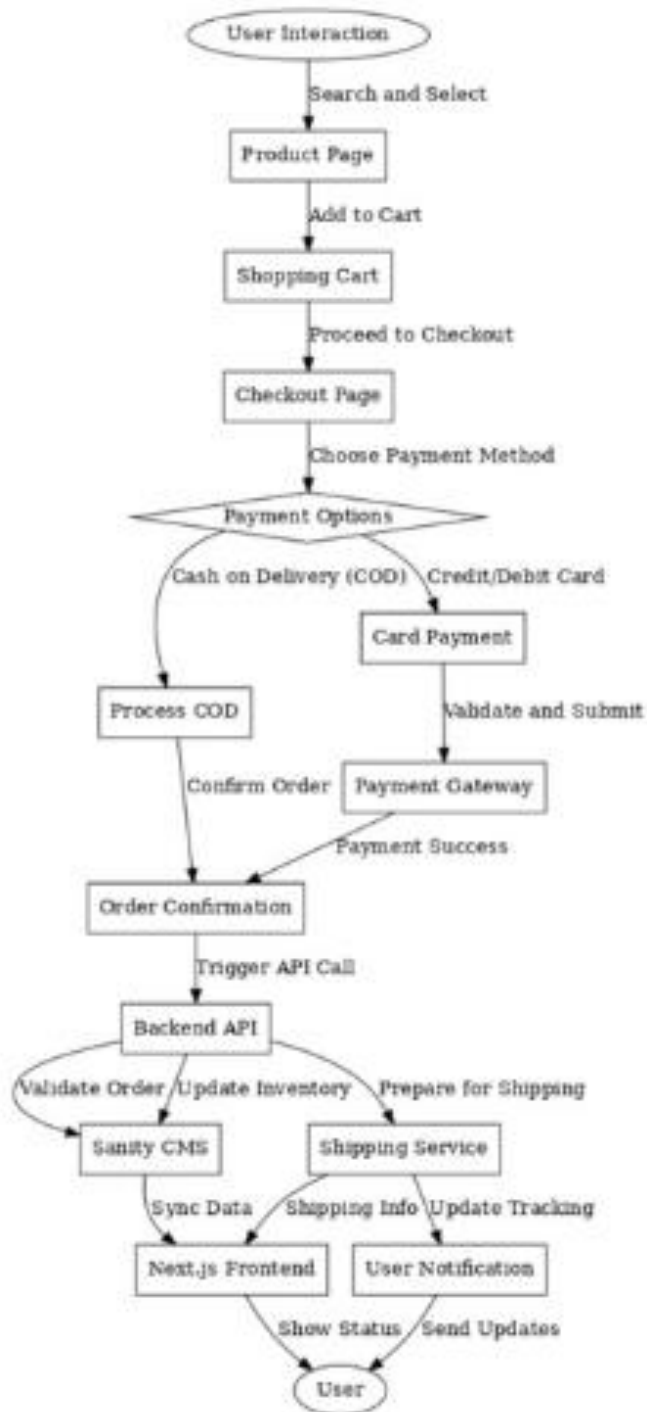
### Order Tracking:



### After Completion



## 2. System Architecture



### 3. API Endpoints:

Endpoint	Method	Descriptions	Parameters	Response Example
/api/watch	Get	Fetch all food items.	None	{id: 1, name: "casio" }
/api/watch/:id	Get	Fetch single item from watch category	id(Path)	{id: 1, name: "casio" }
/api/watch	Put	Add a new watch	name, price, category (Body)	{Success: true, id: 4}
/api/watch/:id	Put	Update a item in watch category	id(Path), name, price (Body)	{Success: true}
/api/foods/:id	Delete	Delete a item	id(Path)	{Success: true}

## 4. Schema:

```
// sanity/schemas/product.js
export default {
  name: 'product',
  title: 'Surprise Goodies',
  type: 'document',
  fields: [
    {
      name: 'name',
      title: 'Gift Box Name',
      type: 'string',
      description: 'Shahi Surprise - A regal box filled with luxurious treats and exclusive gifts.',
    },
    {
      name: 'description',
      title: 'Box Description',
      type: 'text',
      description: 'Describe the fun and mystery of the gift box',
    },
    {
      name: 'price',
      title: 'Price',
      type: 'number',
      description: 'The price of this surprise gift box.',
    },
    {
      name: 'image',
      title: 'Product Image',
      type: 'image',
      description: 'A delightful image of the gift box to attract customers!',
    },
    {
      name: 'category',
      title: 'Category',
      type: 'string',
      description: 'What type of surprise is this? (e.g., Birthday, Anniversary, Just Because)',
    },
  ],
};
```

```
// sanity/schemas/customer.js
export default {
  name: 'customer',
  title: 'Mystery Shoppers',
  type: 'document',
  fields: [
    {
      name: 'name',
      title: 'Customer Name',
      type: 'string',
      description: 'The name of our adventurous customer.',
    },
    {
      name: 'email',
      title: 'Email Address',
      type: 'string',
      description: 'Contact information for updates and surprises!',
    },
    {
      name: 'address',
      title: 'Shipping Address',
      type: 'text',
      description: 'Where should the mystery box be delivered?',
    },
  ],
};
```

```
// sanity/schemas/order.js
export default {
  name: 'order',
  title: 'Mystery Orders',
  type: 'document',
  fields: [
    {
      name: 'orderId',
      title: 'Order ID',
      type: 'string',
      description: 'A unique ID for this order.',
    },
    {
      name: 'customer',
      title: 'Customer',
      type: 'reference',
      to: [{ type: 'customer' }],
      description: 'Who is this order for?',
    },
    {
      name: 'products',
      title: 'Ordered Products',
      type: 'array',
      of: [{ type: 'reference', to: [{ type: 'product' }] }],
      description: 'Which surprise boxes are in this order?',
    },
    {
      name: 'status',
      title: 'Order Status',
      type: 'string',
      options: {
        list: ['Pending', 'Processing', 'Shipped', 'Delivered'],
      },
      description: 'Track the status of this order.',
    },
  ],
};
```



```
// sanity/schemas/shipment.js
export default {
  name: 'shipment',
  title: 'Delivery Dash',
  type: 'document',
  fields: [
    {
      name: 'trackingNumber',
      title: 'Tracking Number',
      type: 'string',
      description: 'The shipment tracking number.',
    },
    {
      name: 'carrier',
      title: 'Carrier',
      type: 'string',
      description: 'Which shipping service is handling this package?',
    },
    {
      name: 'status',
      title: 'Delivery Status',
      type: 'string',
      options: {
        list: ['In Transit', 'Out for Delivery', 'Delivered', 'Lost'],
      },
      description: 'Where is the surprise box right now?',
    },
    {
      name: 'order',
      title: 'Associated Order',
      type: 'reference',
      to: [{ type: 'order' }],
      description: 'Which order is this shipment linked to?',
    },
  ],
};
```