

All Field Details

Product Fields:

- name
- price
- description
- image
- category
- stock
- tags

Order Fields:

- Cart items (product, quantity)
- User details (if available)
- status
- shipping
- billing
- Total Amount
- Payment Method
- created At

Customer Fields:

- name
- email
- password
- address
- phone

Shipment Fields:

- order (reference)
- Tracking Number
- Shipment Status
- Estimated Delivery Date

Payment Fields:

- user/customer (reference)
- order (reference)
- Amount
- Payment Method
- Payment Status
- Transaction ID

Third Parties Apis

Database schema (Sanity CMS)

Shipment (ShipEngine)

Payment (Stripe)

1. Product Schema

```
export default {
  name: 'product',
  type: 'document',
  title: 'Product',
  fields: [
    {
      name: 'name',
      type: 'string',
      title: 'Product Name',
    },
    {
      name: 'slug',
      type: 'slug',
      title: 'Slug',
      options: {
        source: 'name',
        maxLength: 96,
      },
    },
    {
      name: 'price',
      type: 'number',
      title: 'Price',
    },
    {
      name: 'description',
      type: 'text',
      title: 'Description',
    },
    {
      name: 'image',
      type: 'image',
      title: 'Product Image',
      options: {
        hotspot: true,
```

```
    },
  },
  {
    name: 'category',
    type: 'reference',
    to: [{ type: 'category' }],
    title: 'Category',
  },
  {
    name: 'stock',
    type: 'number',
    title: 'Stock Quantity',
  },
  {
    name: 'tags',
    type: 'array',
    title: 'Tags',
    of: [{ type: 'string' }],
  },
],
};
```

2. Category Schema

```
export default {
  name: 'category',
  type: 'document',
  title: 'Category',
```

```
fields: [  
  {  
    name: 'title',  
    type: 'string',  
    title: 'Category Title',  
  },  
  {  
    name: 'description',  
    type: 'text',  
    title: 'Description',  
  },  
],  
};
```

3. User Schema

```
export default {  
  name: 'user',  
  type: 'document',  
  title: 'User',  
  fields: [  
    {  
      name: 'name',  
      type: 'string',  
      title: 'Name',  
    },  
    {  
      name: 'email',  
      type: 'string',  
      title: 'Email',  
    },  
  ],  
};
```

```
{
  name: 'password',
  type: 'string',
  title: 'Password',
},
{
  name: 'address',
  type: 'string',
  title: 'Address',
},
{
  name: 'phone',
  type: 'string',
  title: 'Phone Number',
},
],
};
```

4. Cart Schema

```
export default {
  name: 'cart',
  type: 'document',
  title: 'Cart',
  fields: [
    {
      name: 'user',
      type: 'reference',
      to: [{ type: 'user' }],
      title: 'User',
```

```

},
{
  name: 'products',
  type: 'array',
  title: 'Products',
  of: [
    {
      type: 'object',
      fields: [
        { name: 'product', type: 'reference', to: [{ type: 'product' }], title: 'Product' },
        { name: 'quantity', type: 'number', title: 'Quantity' },
      ],
    },
  ],
},
],
},
],
};

```

5. Order Schema

```

export default {
  name: 'order',
  type: 'document',
  title: 'Order',
  fields: [
    {
      name: 'user',
      type: 'reference',
      to: [{ type: 'user' }],
      title: 'User',
    },
    {
      name: 'products',

```



```
type: 'array',
title: 'Products',
of: [
  {
    type: 'object',
    fields: [
      { name: 'product', type: 'reference', to: [{ type: 'product' }], title: 'Product' },
      { name: 'quantity', type: 'number', title: 'Quantity' },
    ],
  },
],
},
{
  name: 'totalAmount',
  type: 'number',
  title: 'Total Amount',
},
{
  name: 'status',
  type: 'string',
  title: 'Order Status',
  options: {
    list: [
      { title: 'Pending', value: 'pending' },
      { title: 'Shipped', value: 'shipped' },
      { title: 'Delivered', value: 'delivered' },
    ],
  },
},
{
  name: 'paymentMethod',
  type: 'string',
  title: 'Payment Method',
},
{
  name: 'createdAt',
```

```
    type: 'datetime',
    title: 'Order Date',
  },
],
};
```

6. Payment Schema

```
export default {
  name: 'payment',
  type: 'document',
  title: 'Payment',
  fields: [
    {
      name: 'user',
      type: 'reference',
      to: [{ type: 'user' }],
      title: 'User',
    },
    {
      name: 'order',
      type: 'reference',
      to: [{ type: 'order' }],
      title: 'Order',
    },
    {
      name: 'amount',
      type: 'number',
      title: 'Amount',
    },
  ],
};
```

```

    name: 'paymentMethod',
    type: 'string',
    title: 'Payment Method',
  },
  {
    name: 'status',
    type: 'string',
    title: 'Payment Status',
    options: {
      list: [
        { title: 'Pending', value: 'pending' },
        { title: 'Completed', value: 'completed' },
      ],
    },
  },
],
{
  name: 'transactionId',
  type: 'string',
  title: 'Transaction ID',
},
],
};

```

7. Shipment Schema

```

export default {
  name: 'shipment',
  type: 'document',
  title: 'Shipment',
  fields: [
    {
      name: 'order',
      type: 'reference',

```

```
to: [{ type: 'order' }],
title: 'Order',
},
{
  name: 'trackingNumber',
  type: 'string',
  title: 'Tracking Number',
},
{
  name: 'status',
  type: 'string',
  title: 'Shipment Status',
  options: {
    list: [
      { title: 'Preparing', value: 'preparing' },
      { title: 'Shipped', value: 'shipped' },
      { title: 'Delivered', value: 'delivered' },
    ],
  },
},
{
  name: 'deliveryDate',
  type: 'datetime',
  title: 'Estimated Delivery Date',
},
],
};
```

Order Follow:

Cart Page:

The user reviews their cart and clicks "Proceed to Checkout."

An order is created in the database with:

Cart items

User details (if available)

An initial status, e.g., pending or draft.

Checkout Page:

The user enters their shipping, billing, and other details.

The order in the database is updated with the entered details.

Payment Page:

After completing the payment, the order status is updated to completed or paid.