***BACK-END*** *(Sanity CMS)*

***Product Schema:***

*export default {*

*name: 'product',*

*title: 'Product',*

*type: 'document',*

*fields: [*

*{ name: 'product\_Id', title: 'Product ID', type: 'string' },*

*{ name: 'product\_name', title: 'Product Name', type: 'string' },*

*{ name: 'price', title: 'Price', type: 'number' },*

*{ name: 'category', title: 'Category', type: 'string' },*

*{name: 'brand', title: 'Brand', type: 'string', readOnly: true, initialValue: 'Nike', hidden: true,},*

*{ name: 'sku', title: 'SKU', type: 'string' },*

*{ name: 'description', title: 'Description', type: 'text' },*

*{*

*name: 'stock',*

*title: 'Stock Details',*

*type: 'array',*

*of: [*

*{*

*type: 'object',*

*fields: [*

*{ name: 'size', title: 'Size', type: 'string', options: { list: ['Large', 'Medium', 'Small'] } },*

*{ name: 'color', title: 'Color', type: 'string', options: { list: ['Pink', 'Blue', 'Gray', 'Black', 'White'] } },*

*{ name: 'quantity', title: 'Quantity', type: 'number' },*

*{ name: 'warehouse', title: 'Warehouse', type: 'string' },*

*],*

*},*

*],*

*},*

*{ name: 'images', title: 'Images', type: 'array', of: [{ type: 'image' }] },*

*{ name: 'rating', title: 'Rating', type: 'number', validation: (Rule) => Rule.min(0).max(5) },*

*{ name: 'releaseDate', title: 'Release Date', type: 'datetime' },*

*{ name: 'status', title: 'Status', type: 'string', options: { list: ['Active', 'Out of Stock', 'Discontinued'] } },*

*],*

*};*

***Customer Schema:***

*export default {*

*name: 'customer',*

*title: 'Customer',*

*type: 'document',*

*fields: [*

*{ name: 'name', title: 'Name', type: 'string' },*

*{ name: 'email', title: 'Email', type: 'string' },*

*{ name: 'phone', title: 'Phone', type: 'string' },*

*{*

*name: 'billingAddress',*

*title: 'Billing Address',*

*type: 'reference',*

*to: [{ type: 'address' }],*

*},*

*{*

*name: 'shippingAddress',*

*title: 'Shipping Address',*

*type: 'reference',*

*to: [{ type: 'address' }],*

*},*

*],*

*};*

***Address Schema:***

*export default {*

*name: 'address',*

*title: 'Address',*

*type: 'document',*

*fields: [*

*{ name: 'addressLine1', title: 'Address Line 1', type: 'string', validation: (rule) => rule.required() },*

*{ name: 'addressLine2', title: 'Address Line 2', type: 'string' },*

*{ name: 'postalCode', title: 'Postal Code', type: 'string', validation: (rule) => rule.required() },*

*{ name: 'locality', title: 'Locality', type: 'string' },*

*{ name: 'country', title: 'Country', type: 'string' },*

*],*

*};*

***Order Schema:****export default {*

*name: 'order',*

*title: 'Order',*

*type: 'document',*

*fields: [*

*{*

*name: 'orderId',*

*title: 'Order Id',*

*type: 'string',*

*},*

*{*

*name: 'orderDate',*

*title: 'Order Date',*

*type: 'datetime',*

*},*

*{*

*name: 'status',*

*title: 'Order Status',*

*type: 'string',*

*options: {*

*list: [*

*{ title: 'Pending', value: 'pending' },*

*{ title: 'Completed', value: 'completed' },*

*{ title: 'Shipped', value: 'shipped' },*

*{ title: 'Delivered', value: 'delivered' },*

*{ title: 'Cancelled', value: 'cancelled' },*

*],*

*},*

*},*

*{*

*name: 'customer',*

*title: 'Customer',*

*type: 'reference',*

*to: [{ type: 'customer' }],*

*},*

*{*

*name: 'products',*

*title: 'Products in Order',*

*type: 'array',*

*of: [*

*{*

*type: 'object',*

*fields: [*

*{*

*name: 'productId',*

*title: 'Product ID',*

*type: 'reference',*

*to: [{ type: 'product' }],*

*},*

*{ name: 'quantity', title: 'Quantity', type: 'number' },*

*],*

*},*

*],*

*},*

*{ name: 'shippingCost', title: 'Shipping Cost', type: 'number', },*

*{*

*name: 'totalAmount',*

*title: 'Total Amount',*

*type: 'number',*

*},*

*{ name: 'shipment', title: 'Shipment Details', type: 'reference', to: [{ type: 'shipment' }], },*

*],*

*}*

***Shipment Schema:***

*export default {*

*name: 'shipment',*

*title: 'Shipment',*

*type: 'document',*

*fields: [*

*{*

*name: 'shippingAddress',*

*title: 'Shipping Address',*

*type: 'reference',*

*to: [{ type: 'address' }],*

*},*

*{*

*name: 'deliveryDate',*

*title: 'Delivery Date',*

*type: 'datetime',*

*},*

*{*

*name: 'courierName',*

*title: 'Courier Name',*

*type: 'string',*

*},*

*{*

*name: 'trackingNumber',*

*title: 'Tracking Number',*

*type: 'string',*

*},*

*{*

*name: 'courierStatus',*

*title: 'Courier Status',*

*type: 'string',*

*options: {*

*list: [*

*{ title: 'In Transit', value: 'in\_transit' },*

*{ title: 'Out for Delivery', value: 'out\_for\_delivery' },*

*{ title: 'Delivered', value: 'delivered' },*

*{ title: 'Failed Delivery', value: 'failed\_delivery' },*

*],*

*},*

*},*

*{*

*name: 'shippingLabelURL',*

*title: 'Shipping Label URL',*

*type: 'url',*

*description: 'URL to the generated shipping label or tracking page.',*

*},*

*{*

*name: 'shipmentNotes',*

*title: 'Shipment Notes',*

*type: 'text',*

*description: 'Any special instructions or notes for the shipment.',*

*},*

*{*

*name: 'shippingCost',*

*title: 'Shipping Cost',*

*type: 'number',*

*description: 'The cost of shipping for this order.',*

*},*

*{*

*name: 'estimatedDeliveryDate',*

*title: ‘Estimated Delivery date’,*

*type: ‘string’,*

*},]},*

*================xxxxxxxxxxxxxxxxxxxxxxxxxxxx==============*