

# PLANNING THE TECHNICAL FOUNDATION

## INSTANT BASKET

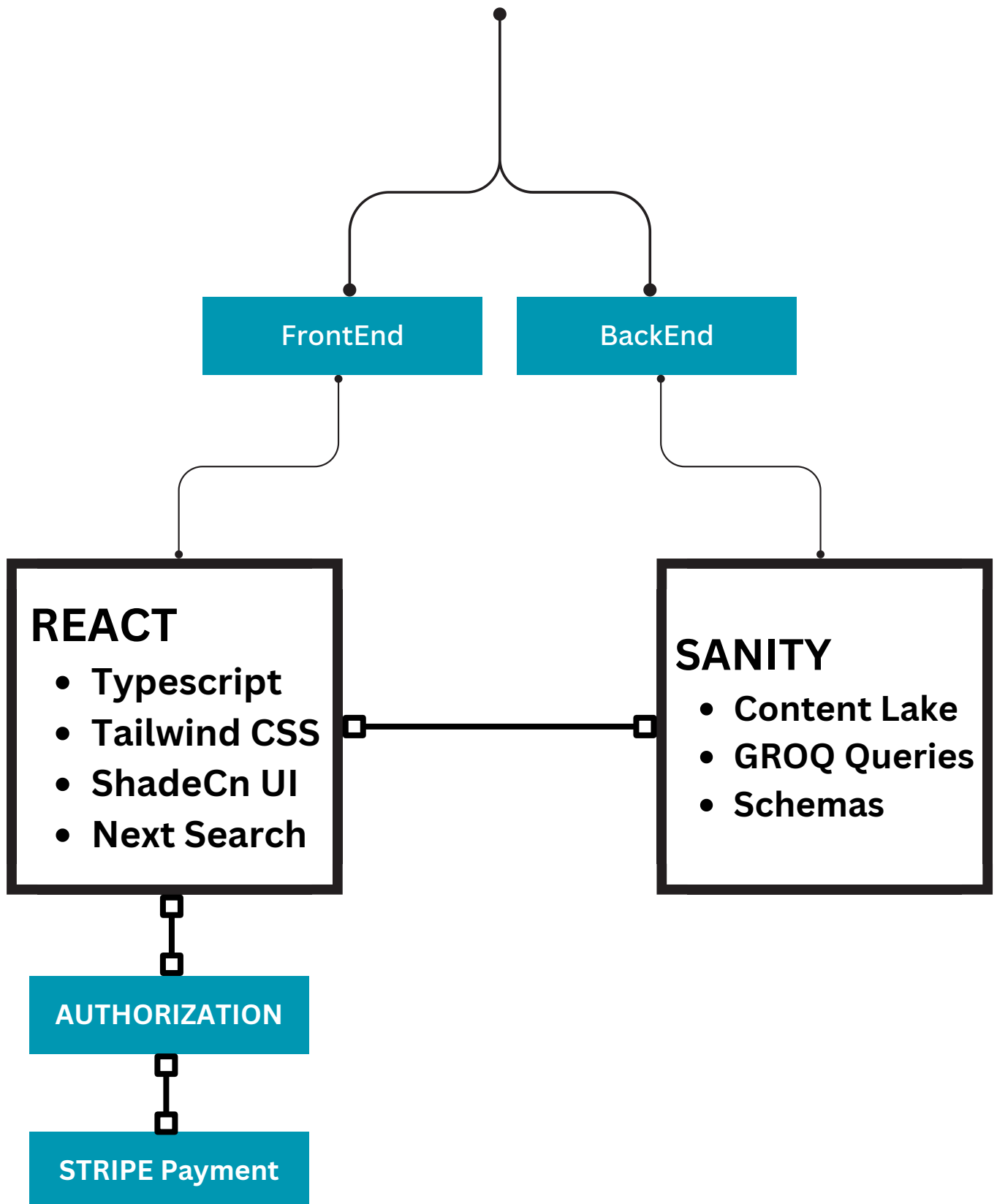
### Purpose Of INSTANT BASKET

To provide a centralized and efficient platform where customers can quickly and conveniently purchase groceries, daily essentials, and other household items, with features like quick delivery, quality assurance, and easy returns.



# Which technology are we using in InstantBasket?

NEXT JS 15



# What fields will be included in the scheme?

## PRODUCT

- Product Name
- Description
- Price
- Category
- SKU
- Product ID
- Slug
- Stock Quantity

## CATEGORY

- Category Name
- Description

## RIDER

- Rider Name
- Rider Area Assigned
- Rider Contact
- Rider ID
- Availability ?

## ORDER

- Order ID
- Product Name
- Customer Name
- Assigned Rider
- Customer Address
- Customer Contact
- Product Price
- Shipping Cost
- Delivery Note
- Stripe Payment ID
- Order Status

## CUSTOMER

- Customer Name
- Customer Address
- Customer Contact

# SCHEMAS In Detailed

## PRODUCT

```
{
  name: "product",
  title: "Product",
  type: "document",
  fields: [
    { name: "productName", title: "Product Name", type:
"string" },
    { name: "description", title: "Description", type: "text"
},
    { name: "price", title: "Price", type: "number" },
    { name: "category", title: "Category", type: "reference",
to: [{ type: "category" }] },
    { name: "sku", title: "SKU", type: "string" },
    { name: "productId", title: "Product ID", type: "string" },
    { name: "slug", title: "Slug", type: "slug", options: {
source: "productName" } },
    { name: "stock", title: "Stock Quantity", type: "number"
} // Optional
  ]
}
```

# ORDER

```
{
  name: "order",
  title: "Order",
  type: "document",
  fields: [
    { name: "orderId", title: "Order ID", type: "string" },
    { name: "product", title: "Product Name", type:
"reference", to: [{ type: "product" }] },
    { name: "customer", title: "Customer Name", type:
"reference", to: [{ type: "customer" }] },
    { name: "assignedRider", title: "Assigned Rider", type:
"reference", to: [{ type: "rider" }] },
    { name: "customerAddress", title: "Customer Address",
type: "string" },
    { name: "customerContact", title: "Customer Contact",
type: "string" },
    { name: "productPrice", title: "Product Price", type:
"number" },
    { name: "shippingCost", title: "Shipping Cost", type:
"number" },
    { name: "deliveryNote", title: "Delivery Note", type:
"text" },
    { name: "paymentId", title: "Stripe Payment ID", type:
"string" },
    { name: "orderStatus", title: "Order Status", type:
"string", options: { list: ["Pending", "In Progress",
"Delivered", "Cancelled"] } } // Optional
  ]
}
```

# CATEGORY

```
{
  name: "category",
  title: "Category",
  type: "document",
  fields: [
    { name: "categoryName", title: "Category Name", type:
"string" },
    { name: "description", title: "Description", type: "text" }
  ]
}
```

# RIDER

```
{
  name: "rider",
  title: "Rider",
  type: "document",
  fields: [
    { name: "riderName", title: "Rider Name", type: "string"
},
    { name: "riderArea", title: "Rider Area Assigned", type:
"string" },
    { name: "riderContact", title: "Rider Contact", type:
"string" },
    { name: "riderId", title: "Rider ID", type: "string" },
    { name: "availability", title: "Availability Status", type:
"boolean" } // Optional
  ]
}
```

# CUSTOMER

```
{
  name: "customer",
  title: "Customer",
  type: "document",
  fields: [
    { name: "customerName", title: "Customer Name",
type: "string" },
    { name: "customerAddress", title: "Customer Address",
type: "string" },
    { name: "customerContact", title: "Customer Contact",
type: "string" }
  ]
}
```

## API END POINTS

- **/products** : all Products listing
- **/product-name** : Single Product page
- **/admin** : Admin Panel , Where admin manage data
- **/rider** : Rider admin panel where rider see order

InstantBasket is an innovative and efficient solution designed to provide the people of Karachi with a new way to receive their daily necessities promptly and reliably. This platform promises to transform every order into a seamless experience through its user-friendly interface and real-time functionality. Our goal is to deliver the perfect combination of convenience and efficiency, marking the beginning of a new digital shopping era for our users.