
Frontend – Food Delivery web application

EAT 24/7

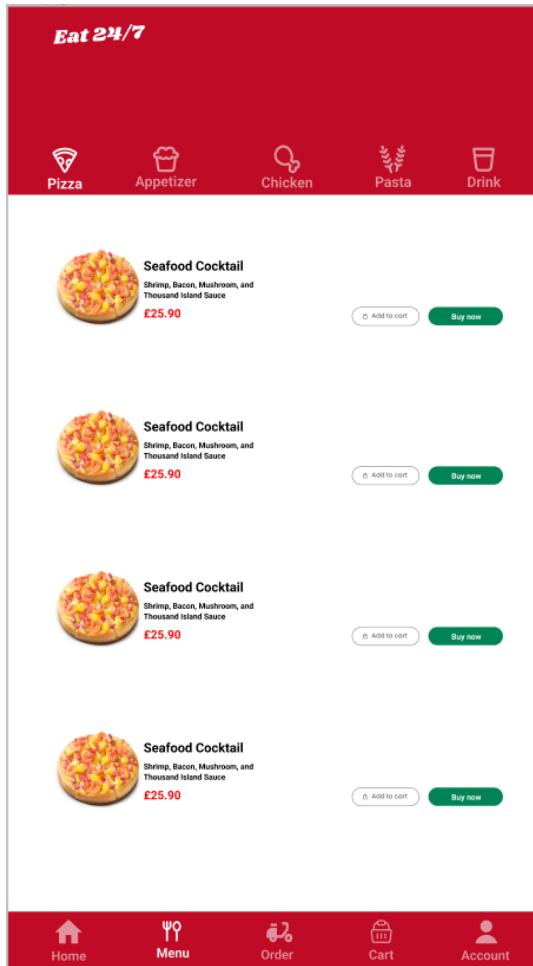
By

Xiaoyou Fung

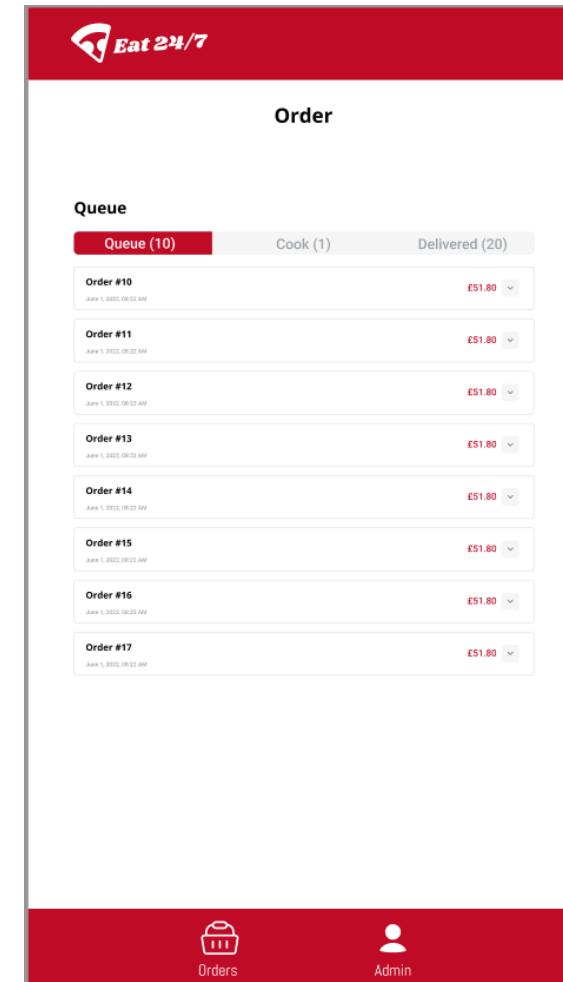
Saw Eh Kalane Phaung

Previous submitted web design – Mobile

Customer



Restaurant

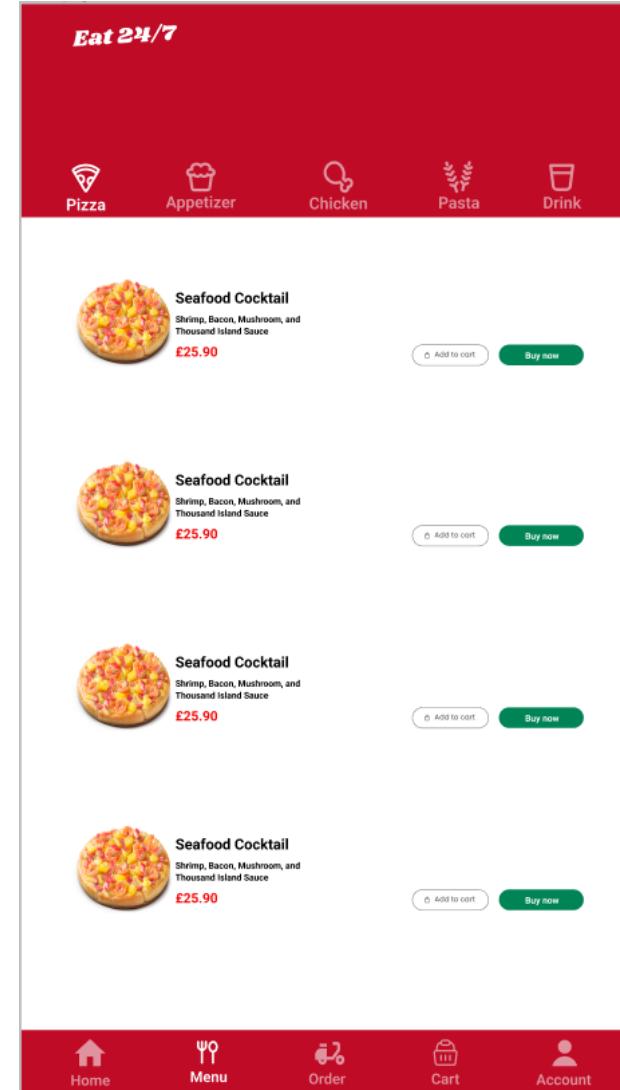


Link Mobile UI : <https://www.figma.com/file/wPfiAKT6a4d2EHrT3H8Jc3/Eat24%2F7-App?node-id=0%3A1&t=lbQ1ogULP59TtKip-1>

Link Tablet : <https://www.figma.com/file/qca4ByQzfo9FTsBqH5lIKO/Eat24%2F7?t=4ZMAVVCSUGQbWqYW-1>

Previous submitted web design – Mobile

Customer



Link Mobile UI : <https://www.figma.com/file/wPfjAKT6a4d2EHrT3H8Jc3/Eat24%2F7-App?node-id=0%3A1&t=lbQ1ogULP59TtKip-1>

Link Tablet : <https://www.figma.com/file/qca4ByQzfo9FTsBqH5IICO/Eat24%2F7?t=4ZMAVvCSUGQbWqYW-1>

Previous submitted web design – Mobile

Customer - Home and Menu Categories

The image displays four mobile screenshots of a food delivery application interface. The top navigation bar is red with the text "Eat 24/7". Below it is a white header bar with five categories: Pizza, Appetizer, Chicken, Pasta, and Drink, each accompanied by a small icon.

Screenshot 1 (Home Screen): Shows four items: Fish Fingers, Waffle Fries, Baked Spinach, and Garlic Bread. Each item has a small image, a name, a description, and a price of £25.90. Below each item are "Add to cart" and "Buy now" buttons.

Screenshot 2 (Home Screen): Shows two items: Coke (NO SUGAR) 1.25 Ltr and Coke (NO SUGAR) 510 ml. Each item has a small image, a name, a description, and a price of £25.90. Below each item are "Add to cart" and "Buy now" buttons.

Screenshot 3 (Home Screen): Shows four items: Fish Fingers, Waffle Fries, Baked Spinach, and Garlic Bread. Each item has a small image, a name, a description, and a price of £25.90. Below each item are "Add to cart" and "Buy now" buttons.

Screenshot 4 (Menu Category Screen): Shows a single item: "Chicken Trio" (BBQ Chicken, Garlic Buttered Chicken, Roasted Chicken, Mushroom, Red&Green Chili and Pizza Sauce) at £19.90. It includes "Add to cart" and "Buy now" buttons. Below this, there is a section titled "You may also like" featuring three "Seafood Cocktail" items.

At the bottom of each screen is a red footer bar with icons for Home, Menu, Order, Cart, and Account.

Link Mobile UI : <https://www.figma.com/file/wPfiAKT6a4d2EHrT3H8Jc3/Eat24%2F7-App?node-id=0%3A1&t=lbQ1ogULP59TtKip-1>

Link Tablet : <https://www.figma.com/file/qca4ByQzfo9FTsBqH5lIKO/Eat24%2F7?t=4ZMAVVCSUGQbWqYW-1>

Previous submitted web design – Mobile

Customer – Cart and order details

The image displays three mobile screenshots of the Eat 24/7 app interface, showing the flow from a shopping cart to an order confirmation.

Screenshot 1: Shopping Cart

This screen shows the user's current cart items:

Product	Price	Quantity	Subtotal
Chicken Trio Size: 28 cm	£25.90	+ 2 +	£51.80
Coke Size: 1.25 Ltr	£5.90	+ 1 +	£5.90
Ham & Mushroom Spaghetti in Alfredo Sauce	£25.90	+ 1 +	£25.90

Buttons at the bottom include "Update cart" and "Checkout".

Screenshot 2: Delivery Address

This screen shows the user entering their delivery address:

Delivery Address

Locations: Sydnys, 329 Price St

Screenshot 3: Order Confirmation

This screen shows the completed order summary and a green checkmark icon.

Thank you for ordering in our restaurant. Your order number is
#2097

Now check a Pizza Tracker progress with your order.

Go To Pizza Tracker

Bottom Navigation Bar (common to all screens):

Home Menu Order Cart Account

Link Mobile UI : <https://www.figma.com/file/wPfjAKT6a4d2EHrT3H8Jc3/Eat24%2F7-App?node-id=0%3A1&t=lbQ1ogULP59TtKip-1>

Link Tablet : <https://www.figma.com/file/qca4ByQzfo9FTsBqH5IKO/Eat24%2F7?t=4ZMAVvCSUGQbWqYW-1>

Previous submitted web design – Mobile

Customer – Tracking Order and order status

The image displays four mobile screenshots of the Eat 24/7 order tracking application, illustrating the status of an order from placement to delivery.

Screenshot 1: Track Order
The screen shows a red header "Eat 24/7" and a back button "< Back". Below this is a section titled "Track Order" with instructions: "To track your order please enter your Order ID in the box below and press the 'Track' button. This was given to you on your receipt and in the confirmation email you should have received." A text input field contains "Enter tracking number here" and a green "Tracking" button. At the bottom is a navigation bar with icons for Home, Menu, Order, Cart, and Account.

Screenshot 2: Order Placed
The screen shows a red header "Eat 24/7" and a back button "< Back". It displays order details: ORDER PLACED May 21, 2022, TOTAL £51.80, SHIP TO Michael Kowalsky, and ORDER 00000000296. Below this, the Order Status is "Your order is on the queue" and the Estimated Delivery Time is "30 minutes". A progress bar shows three stages: Queue (yellow circle with a clock icon), Cook (yellow circle with a pan icon), and Delivered (yellow circle with a truck icon). The bottom section is labeled "SHIPPING INFORMATION" with the recipient's details: Michael Kowalsky, 2910 West Main Street, New York, NY 2010, 341-412-4124. The bottom is a navigation bar.

Screenshot 3: Order in Kitchen
The screen shows a red header "Eat 24/7" and a back button "< Back". It displays the same order details. The Order Status is now "Your order is on Kitchen" and the Estimated Delivery Time is "26 minutes". The progress bar shows the "Cook" stage (yellow circle with a pan icon). The bottom section is labeled "SHIPPING INFORMATION" with the same recipient details. The bottom is a navigation bar.

Screenshot 4: Order Delivered
The screen shows a red header "Eat 24/7" and a back button "< Back". It displays the same order details. The Order Status is "We are now delivering your Pizza" and the Estimated Delivery Time is "20 minutes". The progress bar shows the "Delivered" stage (yellow circle with a truck icon). The bottom section is labeled "SHIPPING INFORMATION" with the same recipient details. To the right of the shipping information is a map showing the delivery route from Philadelphia to New York City, with states like Pennsylvania, Ohio, and New Jersey visible. The bottom is a navigation bar.

Link Mobile UI : <https://www.figma.com/file/wPfiAKT6a4d2EHrT3H8Jc3/Eat24%2F7-App?node-id=0%3A1&t=lbQ1ogULP59TtKip-1>

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Previous submitted web design – Mobile

Customer – Login, Register and Account

The image displays four mobile screen wireframes for a customer account system, arranged horizontally. Each screen has a red header bar with the text "Eat 24/7".

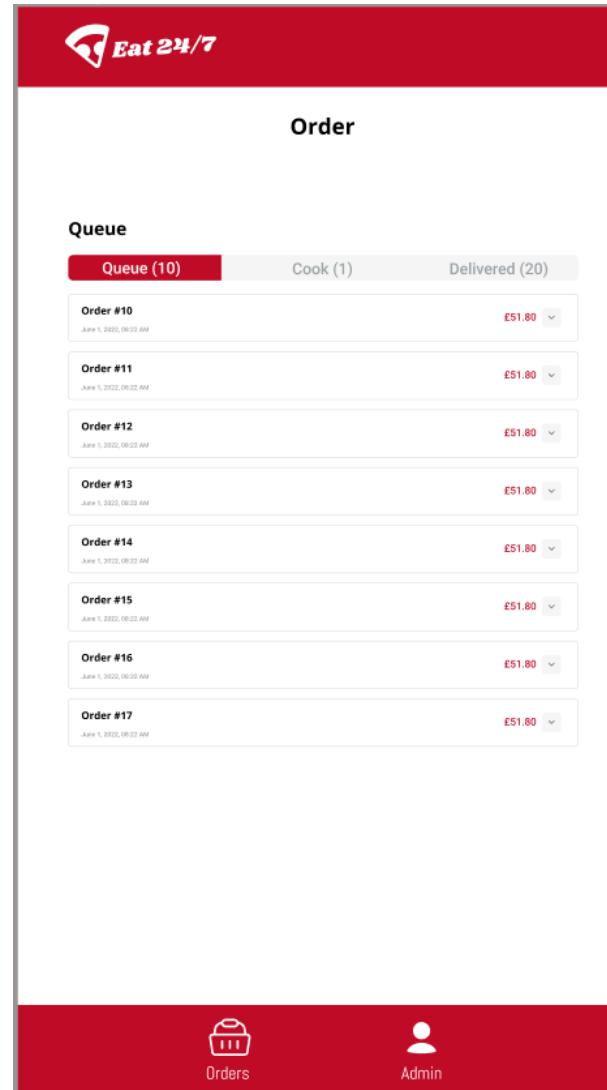
- Login Screen:** The title is "Login". It contains fields for "Username Or Email Address *", "Password *", and "Remember Me". Below the fields are buttons for "Log in", "Don't have account yet?", and "Sign up".
- Register Screen:** The title is "Register". It contains fields for "Email Address *" and "Password *". Below the fields are buttons for "Next" and "Already has account? Sign in". A section titled "Sign up today and you will be able to :" lists three benefits: "Speed your way through checkout", "Track your orders easily", and "Keep a record of all your purchase".
- Register > Address Screen:** The title is "Register > Address". It contains fields for "First Name and Last Name *", "Phone Number *", "Address *", "zip code *", and "Town / City *". There is also a "Order Notes" field at the bottom. A "Register" button is located at the bottom right.
- Account Screen:** The title is "Account". It includes a back button "< Back". Below it are four items with icons: "Orders History" (shopping basket), "Addresses" (house), "Account details" (person), and "Logout" (exit). At the bottom are navigation icons for "Home", "Menu", "Order", "Cart", and "Account".

Link Mobile UI : <https://www.figma.com/file/wPfjAKT6a4d2EHrT3H8Jc3/Eat24%2F7-App?node-id=0%3A1&t=lbQ1ogULP59TtKip-1>

Link Tablet : <https://www.figma.com/file/qca4ByQzfo9FTsBqH5IKO/Eat24%2F7?t=4ZMAVvCSUGQbWqYW-1>

Previous submitted web design – Mobile

Restaurant



Link Mobile UI : <https://www.figma.com/file/wPfjAKT6a4d2EHrT3H8Jc3/Eat24%2F7-App?node-id=0%3A1&t=lbQ1ogULP59TtKip-1>

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Previous submitted web design – Mobile

Restaurant – Home or Order page with status

The image displays four mobile screenshots of the Eat 24/7 app interface, each showing a different order status page:

- Queue (Left):** Shows a list of 10 orders in the queue, each with a status dropdown set to £51.80.
- Queue (Middle):** Shows a detailed view of Order #1, including the Order Menu (Chicken Fries), Customer Detail (Michael Kominsky, 2010 Main Street), and order placement details (Date: June 1, 2022). Buttons for 'Accept Order' and 'Cancel Order' are present.
- Cook (Right):** Shows a detailed view of Order #1, including the Order Menu, Customer Detail, and order placement details. Buttons for 'Accept Order' and 'Cancel Order' are present.
- Delivered (Far Right):** Shows a detailed view of Order #1, including the Order Menu, Customer Detail, and order placement details. It also includes a map showing the delivery route from Pittsburgh to Philadelphia, and buttons for 'Export Order' and 'Delivery Order'.

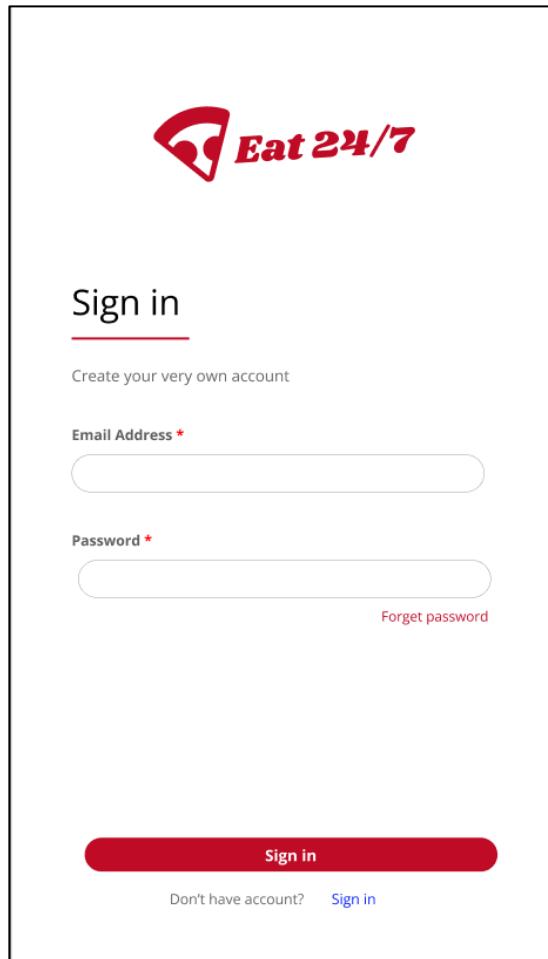
Each screenshot features a red header with the 'Eat 24/7' logo and a red footer bar with icons for 'Orders' and 'Admin'.

Link Mobile UI : <https://www.figma.com/file/wPfiAKT6a4d2EHrT3H8Jc3/Eat24%2F7-App?node-id=0%3A1&t=lbQ1ogULP59TtKip-1>

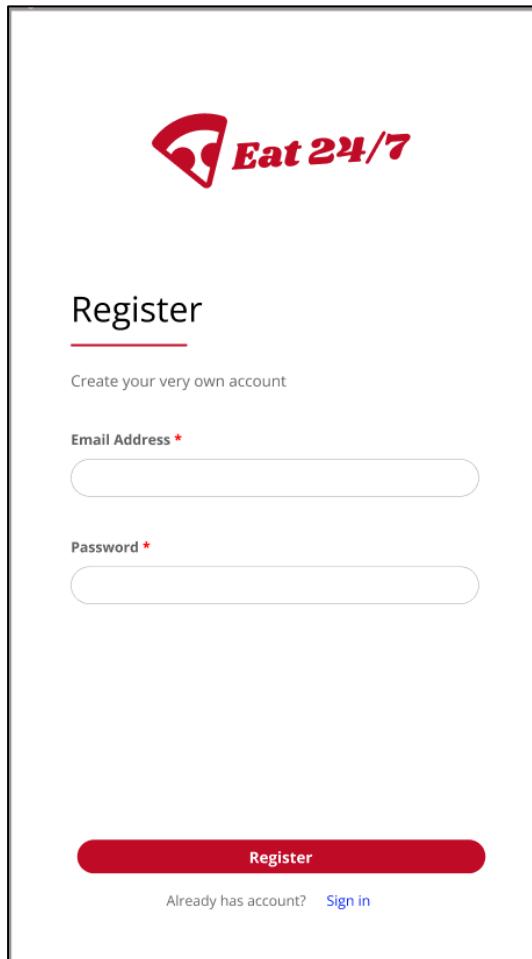
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Previous submitted web design – Mobile

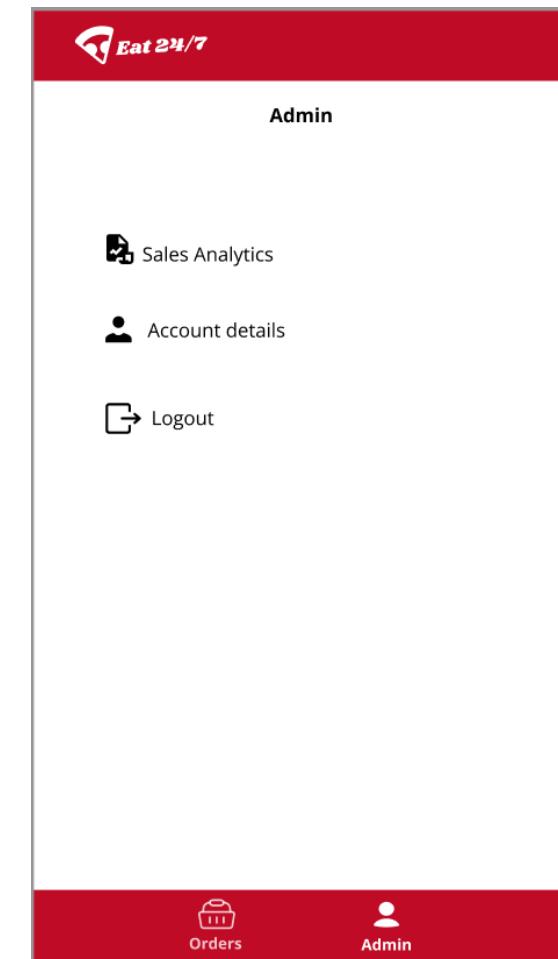
Restaurant – Login, register and admin account



The sign-in screen features the Eat 24/7 logo at the top. Below it, the word "Sign in" is underlined in red. A placeholder text "Create your very own account" is present. There are two input fields: "Email Address *" and "Password *". A "Forgot password" link is located below the password field. At the bottom is a large red "Sign in" button, followed by smaller text "Don't have account? [Sign in](#)".



The register screen features the Eat 24/7 logo at the top. Below it, the word "Register" is underlined in red. A placeholder text "Create your very own account" is present. There are two input fields: "Email Address *" and "Password *". At the bottom is a large red "Register" button, followed by smaller text "Already has account? [Sign in](#)".



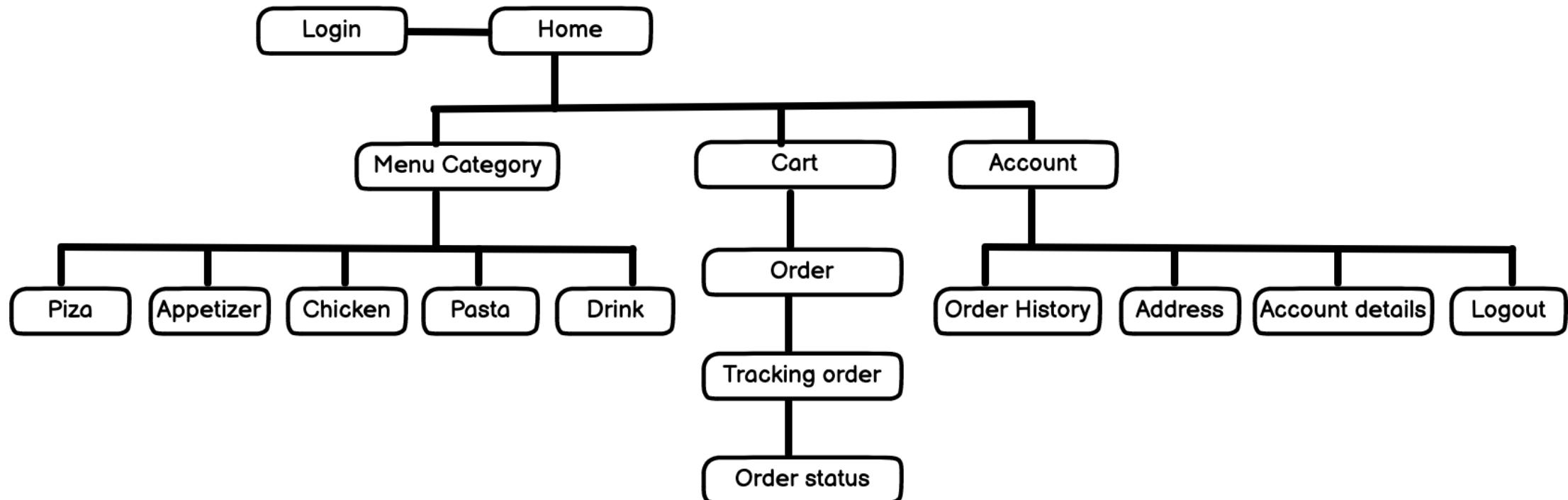
The admin dashboard header includes the Eat 24/7 logo and the word "Admin". It contains three items: "Sales Analytics" (with a bar chart icon), "Account details" (with a person icon), and "Logout" (with a right-pointing arrow icon). At the bottom, there are two red buttons: "Orders" (with a shopping cart icon) and "Admin" (with a person icon).

Link Mobile UI : <https://www.figma.com/file/wPfiAKT6a4d2EHrT3H8Jc3/Eat24%2F7-App?node-id=0%3A1&t=lbQ1ogULP59TtKip-1>

Link Tablet : <https://www.figma.com/file/qca4ByQzfo9FTsBqH5lIKO/Eat24%2F7?t=4ZMAVVCSUGQbWqYW-1>

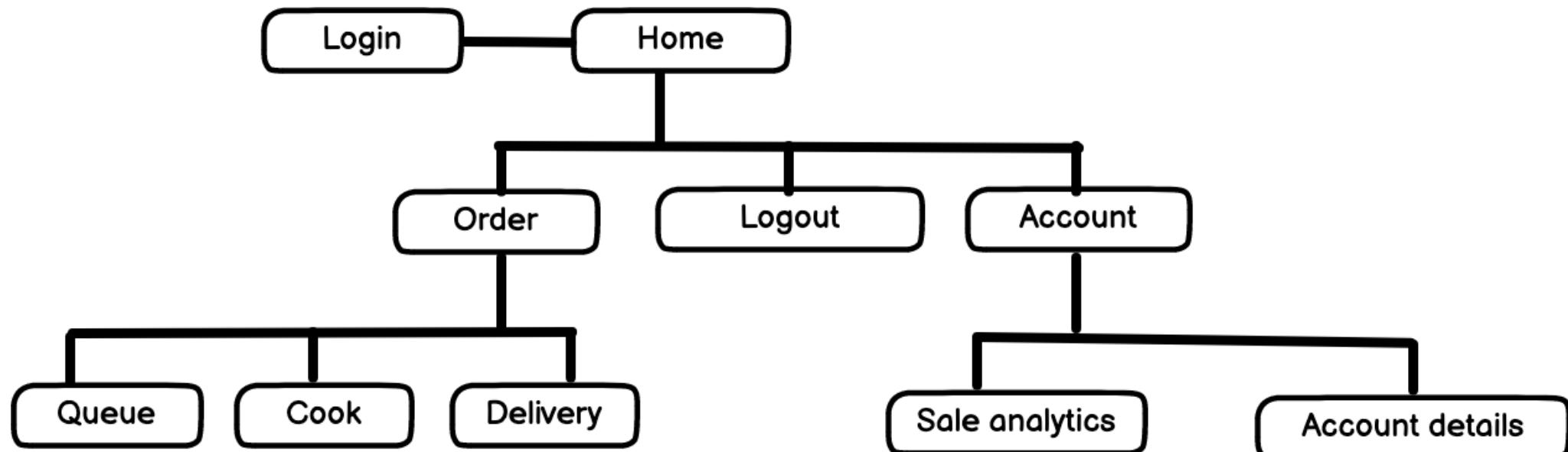
Site Map

Customer- site map



Site Map

Restaurant- site map



Database Design

Mongoose schema
for a “category”
object in a database.

```
const categorySchema = new mongoose.Schema({  
  name: String,  
  icon: String  
});
```

Database Design

Mongoose schema for an “address” object in a database.

```
const addressSchema = new mongoose.Schema({  
    firstname: String,  
    lastname: String,  
    phone: String,  
    address: String,  
    city: String,  
    postcode: String,  
    orderNote: String  
})
```

Database Design

Mongoose schema for an
“status” object in a
database.

```
const statusSchema = new mongoose.Schema ({  
    name: String,  
    status: String,  
    description: String  
});
```

Database Design

Three exports Mongoose models that created previous three side to interact with data in a database

```
exports.Category = mongoose.model("category", categorySchema);  
exports.Food = mongoose.model("food", foodSchema);  
exports.Status = mongoose.model("status", statusSchema);
```

Database Design

Exports a Mongoose model "Category" in the database.

```
exports.Category = mongoose.model("category", categorySchema);
```

Function "setCategory" to populate category collection in database with some default category objects.

Used array of defaultCategories, contains predefined category objects such as **pizza, appetizer, chicken, pasta, and drinks**.

```
// categories
const setCategory = () => {
  const defaultCategories = [pizza, appetizer, chicken, pasta,
drinks];

Category.insertMany(defaultCategories)
  .then(() => console.log("Add all the categories successfully"))
  .catch((err) => console.log(err));
};
```

Database Design

Export food to interact with data in database collection and add default food item in database

```
exports.Food = mongoose.model("food", foodSchema);

// foods defaults category and create default food
const setFood = () => {
  const pizza1 = new Food({
    name: "Chicken Trio",
    description:
      "BBQ Chicken, Garlic Buttered Chicken",
    category: pizza,
    price: 19.9,
  });
}
```

Database Design

Export Mongoose models of “status” and add defaults order status in database.

```
exports.Status = mongoose.model("status", statusSchema);

// order status
const setOrderStatus = () => {
  // All default order's status
  const queue = new Status({
    name: "Queue",
    status: "Order placed",
    description: "We are now preparing your Pizza",
  });

  const cook = new Status({
    name: "Cook",
    status: "Order cooked",
    description: "We are now baking your Pizza",
  });

  const delivery = new Status({
    name: "Delivery",
    status: "Order delivered",
    description: "We are now delivering your Pizza",
  });
}
```

Database Design

Mongoose schema for
a “ user's address”

```
const addressSchema = new mongoose.Schema({  
    firstname: String,  
    lastname: String,  
    phone: String,  
    address: String,  
    city: String,  
    postcode: String,  
    orderNote: String  
})
```

Database Design

export orderSchema model
and the “orderSchema”
include properties below

- User
- addressSchema
- cart
- data
- status”

```
module.exports = mongoose.model("order", orderSchema);

const orderSchema = new Schema({
  user: {
    type: [Schema.Types.ObjectId],
    ref: 'User',
  },
  address: addressSchema,
  cart: {
    type: Object,
    required: true
  },
  date: { type: Date, default: Date.now },
  status: Object
});
```

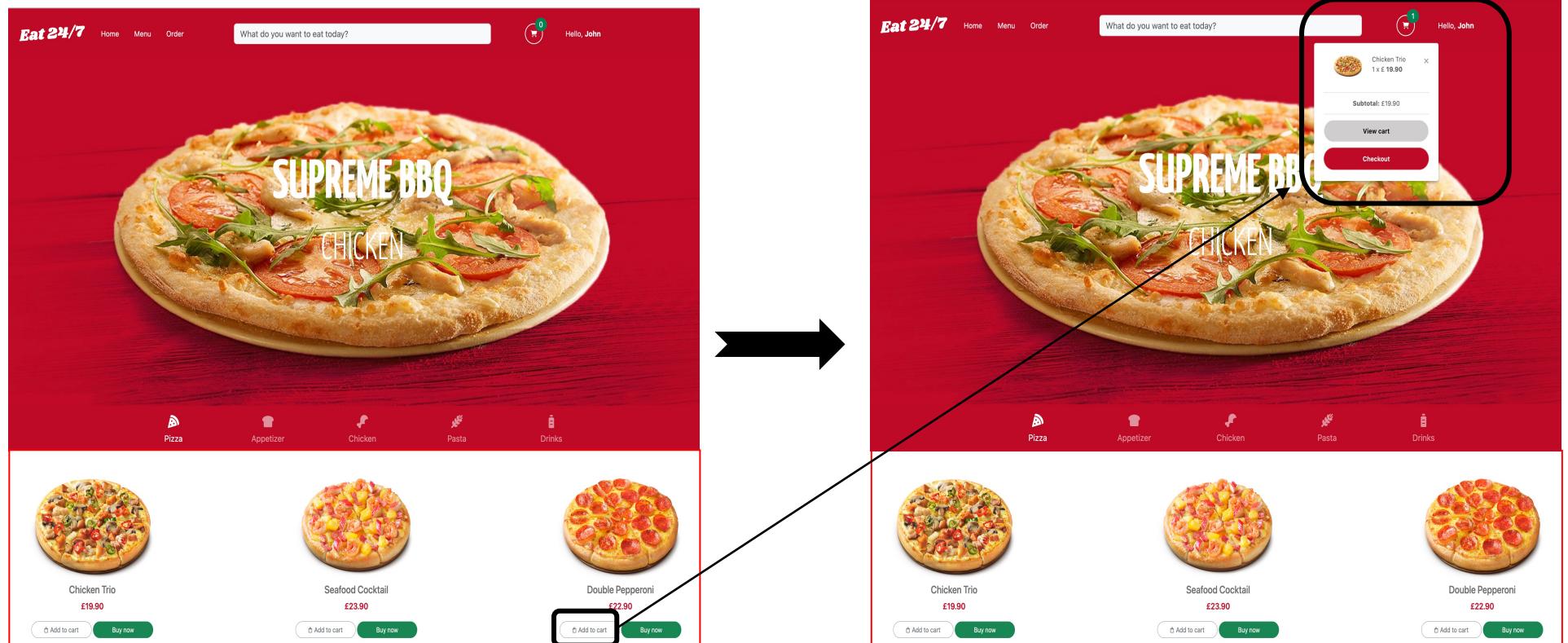
Web application

Customer and Restaurant
functions & interactive actions

Web application - Customer

Add item to cart

The interaction of adding item into cart. The first UI show menu of pizza and the second UI notify the item added into the cart and when mouse hover the cart icon it will show list of items in cart



Web application - Customer

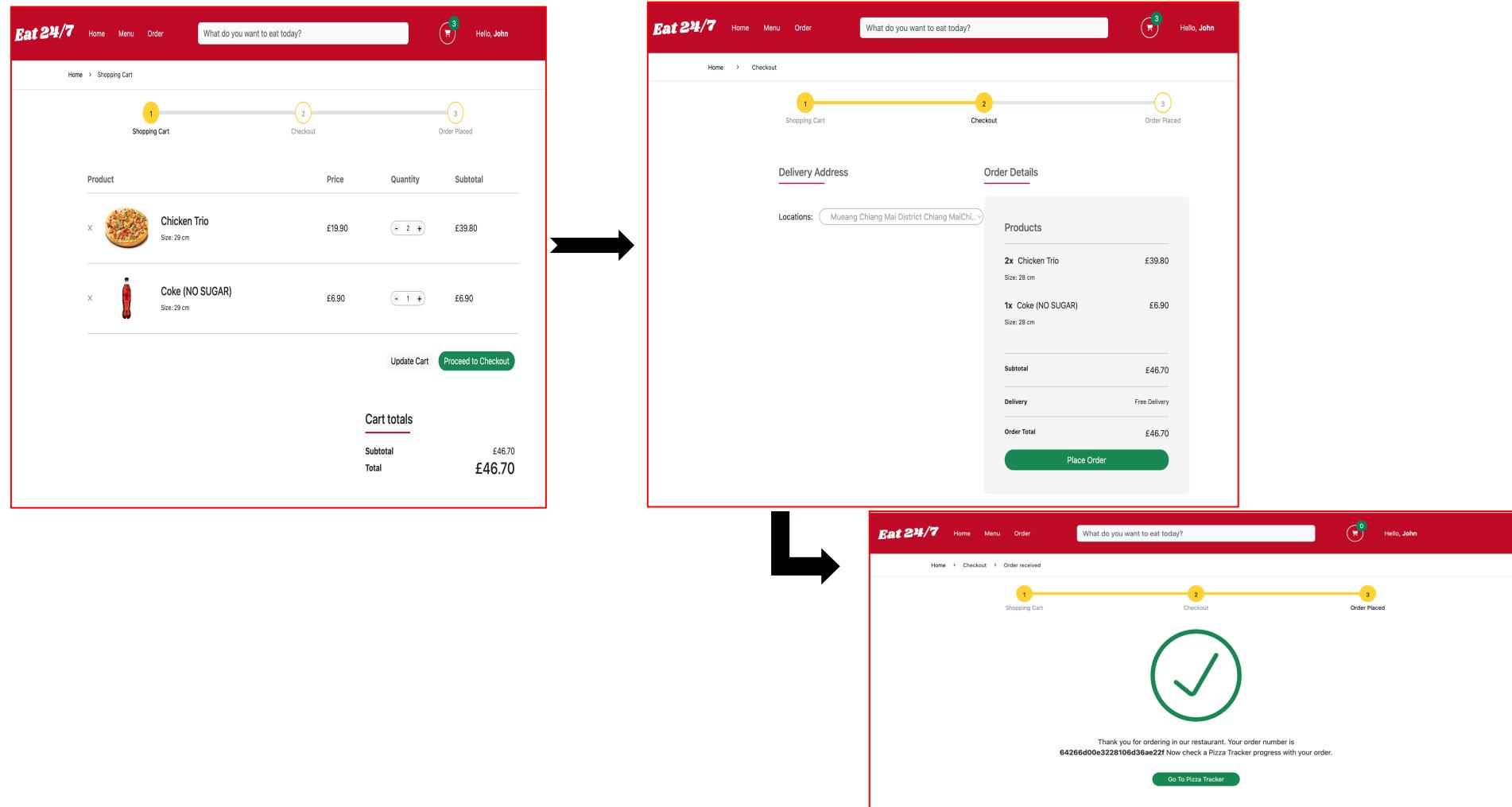
Customer order

The interaction of view cart after click cart icon. There is progress bar with three step such as "shopping cart", "Checkout" and "Order placed"

The first UI show "Shopping cart" page

The second UI show "checkout" page

The third UI show "Order placed" page.



Web application - Customer

Tracking Order and Order status from customer side

These four UI are the interaction of tracking order and order status.

The Top UI is tracking order ID page

The three UI at the bottom is the order status such as "queue", "cook" and "delivery"

From the delivery status, it also shows the map direction between customer and restaurant destination.

The image displays three screenshots of the Eat 24/7 web application interface, illustrating the order tracking process:

- Screenshot 1: Track Order Page**
The top screenshot shows the "Track Order" page. It features a red header with the logo "Eat 24/7" and navigation links for Home, Menu, and Order. A search bar asks "What do you want to eat today?". On the right, there's a shopping cart icon with a green badge showing "0" and a greeting "Hello, John". The main content area has a heading "Track Order" and instructions: "To track your order please enter your Order ID in the box below and press the "Track" button. This was given to you on your receipt and in the confirmation email you should have received." Below this is a form with an input field containing the order ID "64207b85f94d1c901b2c8ec2" and a green "Track" button.
- Screenshot 2: Order Status Page (Queue)**
The middle screenshot shows the order status page after the order has been placed. It includes a summary table with columns for ORDER PLACED (March 31, 2023), TOTAL (£19.90), SHIP TO (John Wick), and ORDER (642672dd8319df3705bd42f0). The status message "Order Status: We are now preparing your Pizza" and "Estimated Delivery Time: 30 minutes" is displayed. Below the table, a horizontal timeline shows three stages: Queue, Cook, and Delivered, connected by arrows. Circular icons represent the progress at each stage.
- Screenshot 3: Order Status Page (Cooking)**
The bottom screenshot shows the order status page during the cooking phase. The status message changes to "Order Status: We are now baking your Pizza" and "Estimated Delivery Time: 30 minutes". The timeline arrow points from Cook to Delivered. The "Delivered" stage is marked with a green icon.

Web application - Restaurant

Home or Order page

The restaurant side has a few functions such as "order," "account," and "logout."

This three UI show the three statuses of customer orders such as "Queue," "Cook," and "Delivery."

The restaurant side must click the "queue order" button to go to cook status, click the "cook order" button to go to delivery status, and click the "delivery order" button for delivery. The map will display the restaurant's direction and customer destination.

The image displays three screenshots of a restaurant web application interface, specifically the 'Orders' section, illustrating the workflow for handling customer orders. Each screenshot is enclosed in a red border.

- Screenshot 1: Queue Status**
This screenshot shows an order in the 'Queue' status. The order details are: Order #6426762a8319df3705db4476, placed on March 31, 2023, at 12:56 PM. The total amount is £19.90. The order menu consists of a 'Chicken Trio' (x1). The customer detail is John Wick, located in Mueang Chiang Mai District, Chiang Mai, Chiang Mai 501000, with a status of 'Order placed'. Action buttons include 'Cancel Order' (red) and 'Queue Order' (green).
- Screenshot 2: Cook Status**
This screenshot shows the same order now in the 'Cook' status. The status has changed to 'Order cooked'. Action buttons include 'Cancel Order' (red) and 'Cook Order' (green).
- Screenshot 3: Delivery Status**
This screenshot shows the order in the 'Delivery' status. The status has changed to 'Order delivered'. Action buttons include 'Cancel Order' (red) and 'Delivery Order' (green). A map at the bottom shows the route from the restaurant to the customer's location.