

Web Programming Languages - Final Project Report

Team19 - Sandwich Shop Franchise

Name of the website: Dream Sandwiches

Demo Video Link:<https://utdallas.box.com/s/a7gv2ejyvjjokjhucpmqkikqijgu328q>

Team Members:

Yash Nadkarni (NetId: ydn200000, Section: 6314.001)

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Product Description:

This is a website for a sandwich shop franchise named 'Dream Sandwiches'. It has a home page where users can get a rough idea about the brand and its products. The website also has a shopping page where users can glance over various different products and even buy them. In order to buy, users will have to login or create a free account. Items selected by the user are added to the cart after which the user can checkout. Additionally, there is a section where users can view their previous orders. Apart from this, we also have a franchise page where users can contact authorized personnel if they wish to open a franchise of this brand.

Database: MongoDB

Our Database Design:

For Sandwiches

{

 _id: #a unique id for each product

 name: #name of the sandwich

 description: #Details of the sandwich

 price: #Retail price

 ingredients:

 {

 #Listed as an array of elements . Eg: Mayo, Chicken, Lettuce, etc.

 }

 isDeleted: # required for soft delete operation

}

For User Details:

1)accountDetails:

{

 _id: #a unique id for each user

 username: #username of the user

 name: #name of the user

 phone: #phone number of the user

```
}
```

1)accounts:

```
{
```

- _id: #a unique id for each user
- username: #username of the user
- Salt: # system generated element
- Hash: #password stored in hash value
- __v:# systems generated element

```
}
```

For User Cart:

```
{
```

- _id: #a unique id for each user
- username: #username of the user
- item_id: # id of the sanwich
- quantity: # quantity chosen by the user

```
}
```

For orderedItems:

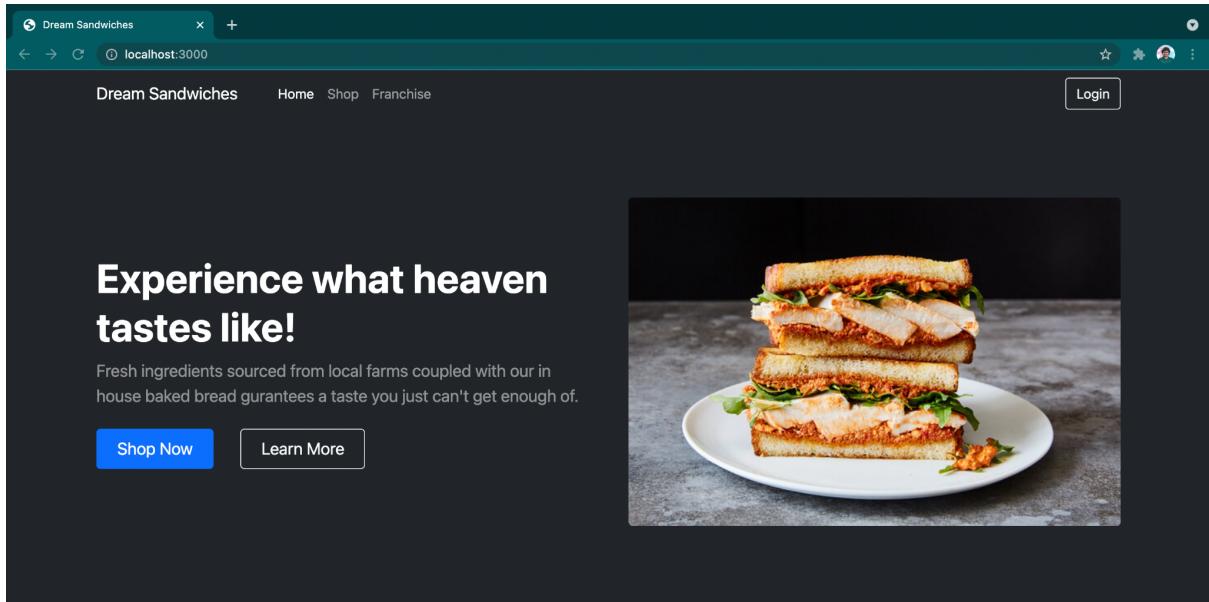
```
{
```

- _id: #a unique id for each user
- order_number: #unique to each order
- username: # username of the user
- item: # name of the sandwich
- quantity: #quantity of the item
- total_cost: #total amount to be paid by user

```
}
```

Screenshots of main functionalities:

Our home page



The screenshot shows a web browser window for 'Dream Sandwiches' at localhost:3000. The header includes a logo, navigation links for 'Home', 'Shop', and 'Franchise', and a 'Login' button. The main content features a large image of a sandwich on a plate. To the left, text reads 'Experience what heaven tastes like!' followed by a description of fresh ingredients and two calls-to-action: 'Shop Now' and 'Learn More'.

An experience that lasts a lifetime.

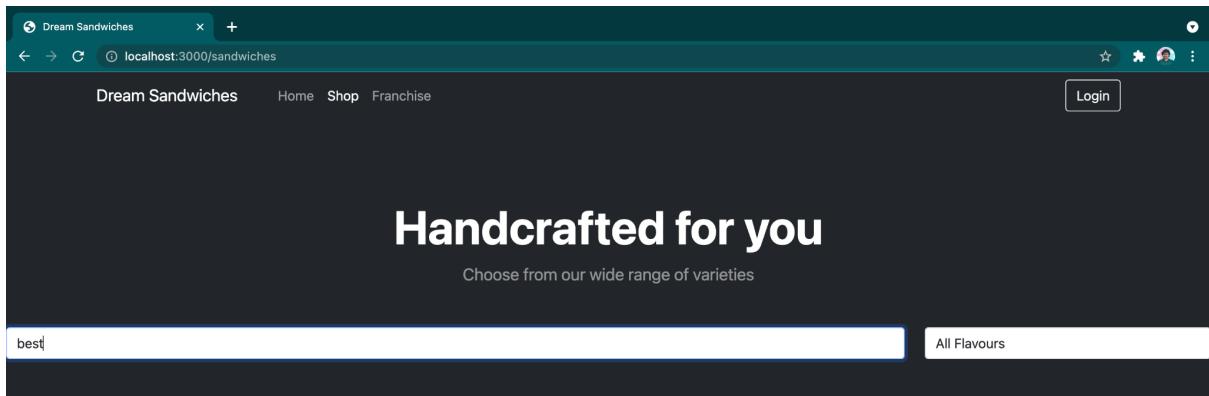
Fresh ingredients

The meats and vegetables we use are sourced from local farmers with the most stringent quality

We bake our own bread

That's right! Every morning, we bake our bread in our custom home-made ovens.

The search functionality



The screenshot shows a search interface for sandwiches. A search bar contains the text 'best'. Below it, a heading says 'Handcrafted for you' and 'Choose from our wide range of varieties'. A 'All Flavours' button is visible.



World's Best Ham Sandwich
\$20



Best Turkey Sandwich
\$14

Admin privileges to add sandwich:

S Dream Sandwiches +
localhost:3000/sandwiches

Dream Sandwiches Home Shop Franchise Order History Cart Add Sandwich Admin

Handcrafted for you

Choose from our wide range of varieties

Search Sandwiches All Flavours

Admin Privileges to update and delete sandwiches

S Dream Sandwiches +
localhost:3000/sandwiches/61a7bb1669acf93c1499867

Dream Sandwiches Home Shop Franchise Order History Cart Admin



Barbeque Sandwich

\$15

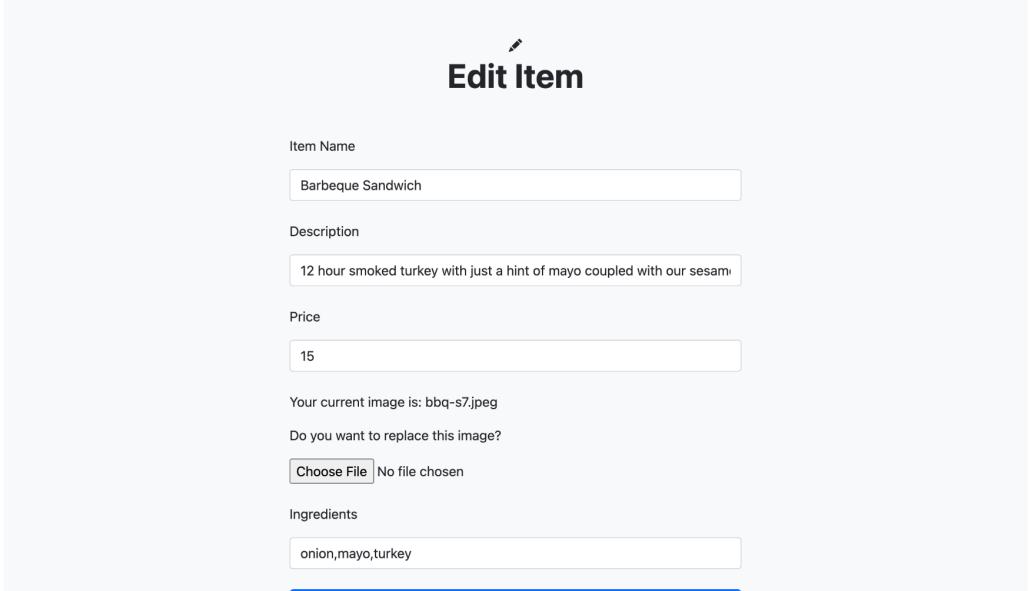
12 hour smoked turkey with just a hint of mayo coupled with our sesame seed bun.

[Delete Sandwich](#) [Edit Sandwich](#)

[Back](#)

Screenshot of the 'Edit Item' page:

The page title is 'Edit Item'. It contains fields for Item Name (Barbeque Sandwich), Description (12 hour smoked turkey with just a hint of mayo coupled with our sesam), Price (15), and Ingredients (onion, mayo, turkey). There is also a file upload field for an image.



The shopping cart:

Screenshot of the 'Your Shopping Cart' page:

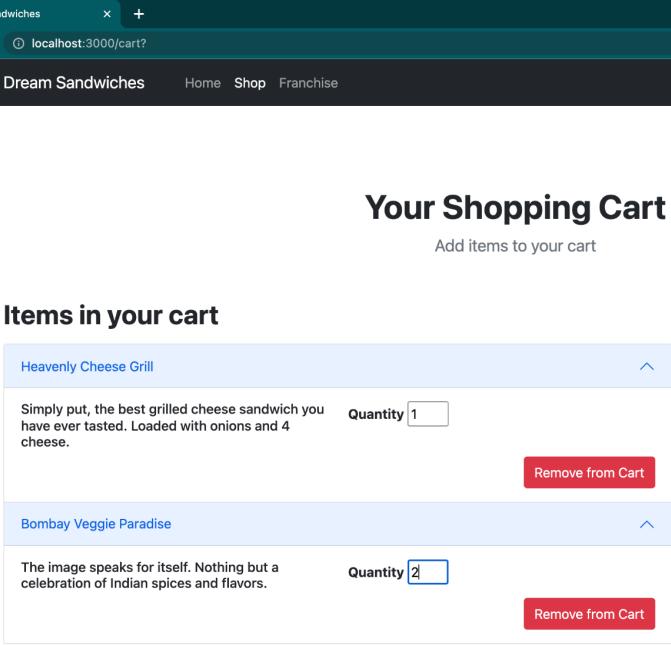
The page title is 'Your Shopping Cart'. It shows two items in the cart: 'Heavenly Cheese Grill' and 'Bombay Veggie Paradise'. Both items have a quantity selector and a 'Remove from Cart' button.

Items in your cart

Heavenly Cheese Grill	^
Simply put, the best grilled cheese sandwich you have ever tasted. Loaded with onions and 4 cheese.	Quantity <input type="text" value="1"/>
Remove from Cart	
Bombay Veggie Paradise	^
The image speaks for itself. Nothing but a celebration of Indian spices and flavors.	Quantity <input type="text" value="2"/>
Remove from Cart	

Total Amount : \$29

[Checkout](#)



Previous Orders:



Your Order History

Your Previous Orders

Order	Item	Quantity	Total Cost
Order 1	World's Best Ham Sandwich	1	\$54
	Best Turkey Sandwich	1	
	Total Cost: \$54		
Order 2	Heavenly Cheese Grill	1	\$29
	Bombay Veggie Paradise	1	
	Quantity: 1		
	Total Cost: \$29		

Team participation:

All members of the team were actively involved in the design, frontend, backend and database of the project.

Yash Nadkarni: Main page, item page, cart page, admin functionalities, database

Soham Savalapurkar: Shop page, orders page, Login/ Register, admin functionalities, database connectivity