COSC 360 Project
Client Side Experience Report

X-TREME GPT (Grocery Price Tracker)

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Logic Process

**Home Page (Search)**
1. Navigation
   - Users can access the login/*create account* page through navigation on the header, or clicking a link to create an account.
   - Users can access the browse page by searching for a product.
   - When logged in, the user can access the customer *info* page.
   - When logged in, users can access the basket page through the navigation bar, to view and edit the basket.
   - Logging out returns the user to the login page in a signed out state.
2. Features
   - Home page displays information and description of the website. In our case, a tool to track and compare prices of grocery items across different stores and locations.
   - The home page displays the top selling product, the product with the biggest price drop, and the product with the most comments.
   - The home page allows users to **search** for products, whether logged in or not. Not all data will be available for users who are not logged in
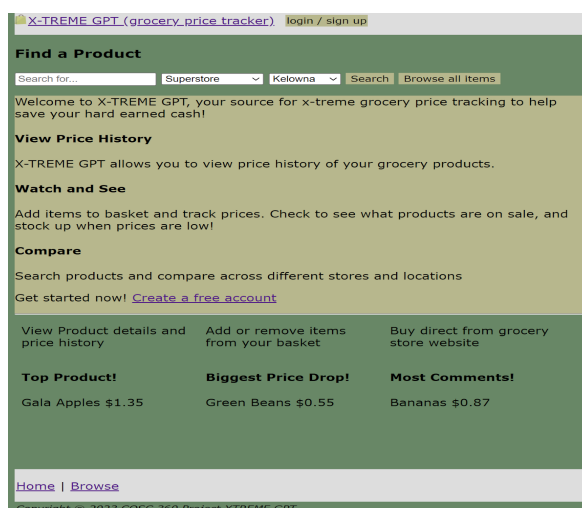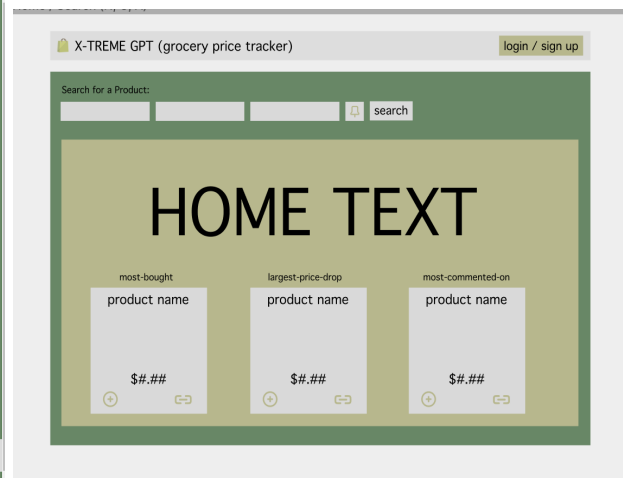
(html)   (figma)

Browse Page
1. Navigation
   - From the *Browse* page users can navigate to the *product* page by clicking on a product to view information regarding that product.
   - User can access current store website by clicking "buy from store" link icon on product
   - Navigation bar allows user to return to *home* (clicking Xtreme GPT Brand Logo), and access *basket*
   - Logging out returns the user to the *login* page in a signed out state.
2. Features

- Page displays listings of available items, with images, with price per item and price per weight.
- Page allows users to add items to cart, view product information, and purchase items directly from the store.
- Page also allows users to enter a new search in the search bar and generate new results.
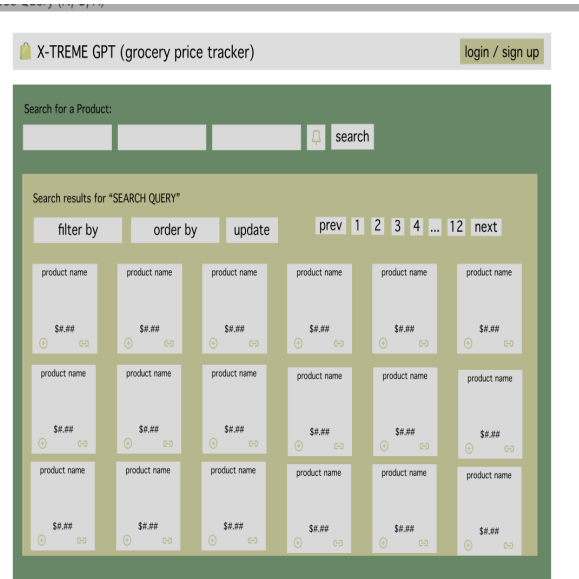
(html)   (figma)

Login/Create Account Page

1. Navigation
   - Users can access the *home* page through the navigation bar (clicking Xtreme GPT) or by completing the login process.
2. Features
   - Page prompts user for existing username and password to login to account.
   - Users will be logged in as customer or admin depending on credentials (set by admin).
   - If a new user, the create account section prompts the user for name, username, email, favourite store, password, and an option to receive email updates. Users can create an account.
   - Email password recovery.
   - Each entry is validated using JavaScript and HTML validation in the form.

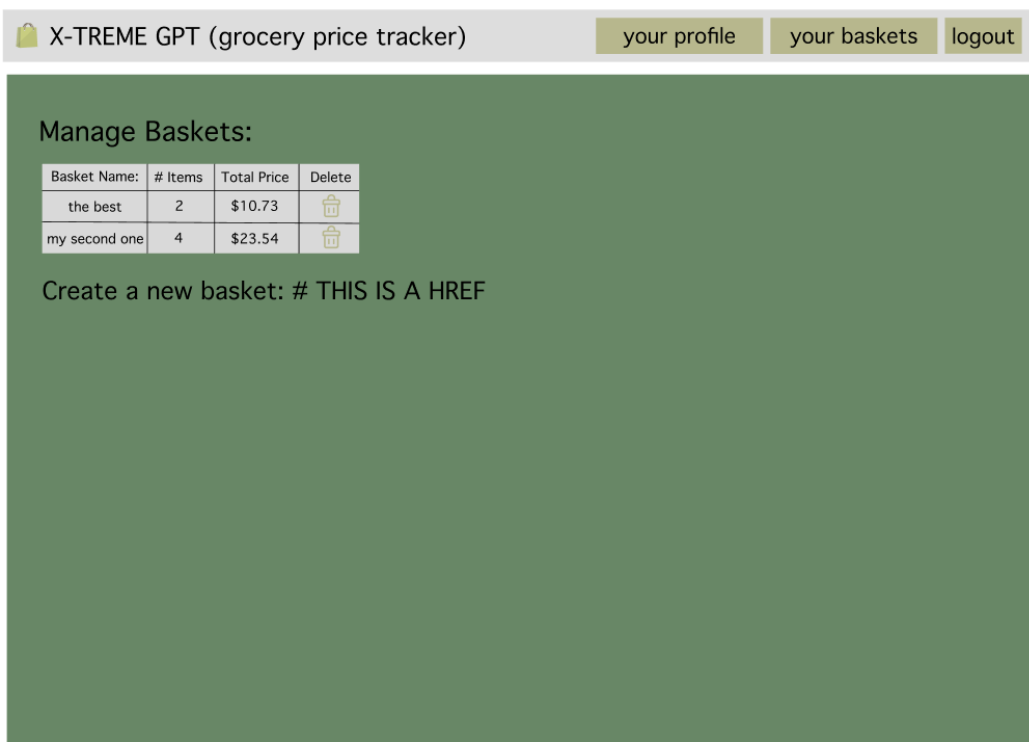(html)   (figma)

Basket Pages

1. Navigation
    - From the *basket* pages, users can return home (clicking Xtreme GPT) and log out via the navigation bar.
    - Users can access the *product* page by clicking on info on the *product* card.
    - User can navigate to store website by clicking on "buy from store" link
2. Features
    - Basket pages display all items in the basket.
    - Displays cost of basket
    - Displays what products in basket are currently on sale
    - Allows user to add/remove products from basket
    - Allows user to view product information
    - Allows users to purchase products from the store website.
    - Allows user to enable email notifications when the product drops below alert price which is specified on the product page

🛍 X-TREME GPT (grocery price tracker)   your profile   your baskets   logout

Manage Baskets:

Basket Name:	# Items	Total Price	Delete
the best	2	$10.73	🗑
my second one	4	$23.54	🗑

Create a new basket: # THIS IS A HREF

(figma)

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Basket: BASKET NAME

- **On sale Items:**

product name	product name	product name	product name	product name	product name
$#.##	$#.##	$#.##	$#.##	$#.##	$#.##
⊕ ✉ 🔗	⊕ ✉ 🔗	⊕ ✉ 🔗	⊕ ✉ 🔗	⊕ ✉ 🔗	⊕ ✉ 🔗

- **All Items**

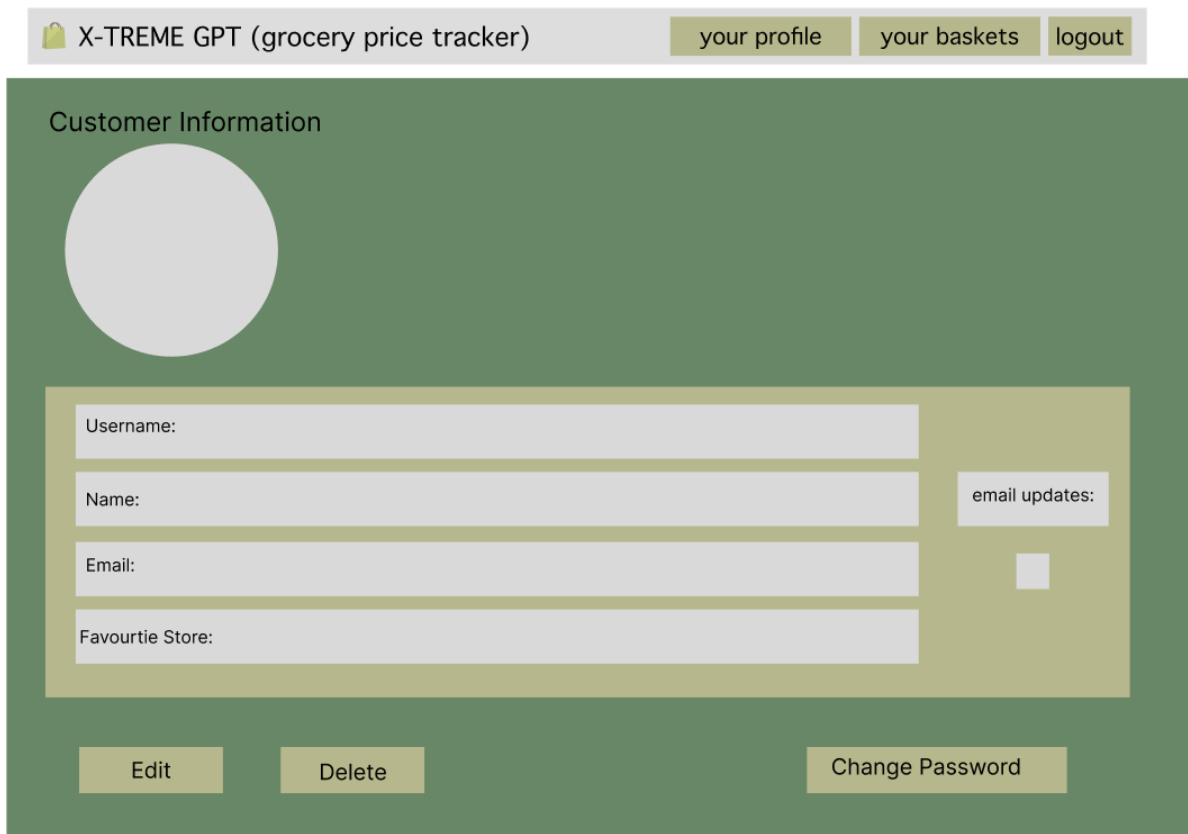| product name	product name	product name	product name	product name	product name
$#.##	$#.##	$#.##	$#.##	$#.##	$#.##
⊕ ✉ 🔗	⊕ ✉ 🔗	⊕ ✉ 🔗	⊕ ✉ 🔗	⊕ ✉ 🔗	⊕ ✉ 🔗

(figma)

Customer Page
1. Navigation
   - From the *customer* page, users can return home (clicking Xtreme GPT) and log out via the navigation bar.
2. Features
   - Customer page displays all customer information
   - Allows user to update information, including profile picture
   - Allows user to delete account
   - Required fields will be validated with JavaScript

(figma)

Product Page
1. Navigation
   - From the *product* page, user can return home (clicking Xtreme GPT) and log out via the navigation bar.
   - User can navigate to store website by clicking on "buy from store" link
2. Features
   - Displays information about product.
   - Shows current location based price and price trends
   - Displays picture of product

- Allow user to add item to basket
- Allows user to purchase item from store
- Displays comments on product
- Allows logged in user to leave comment on product
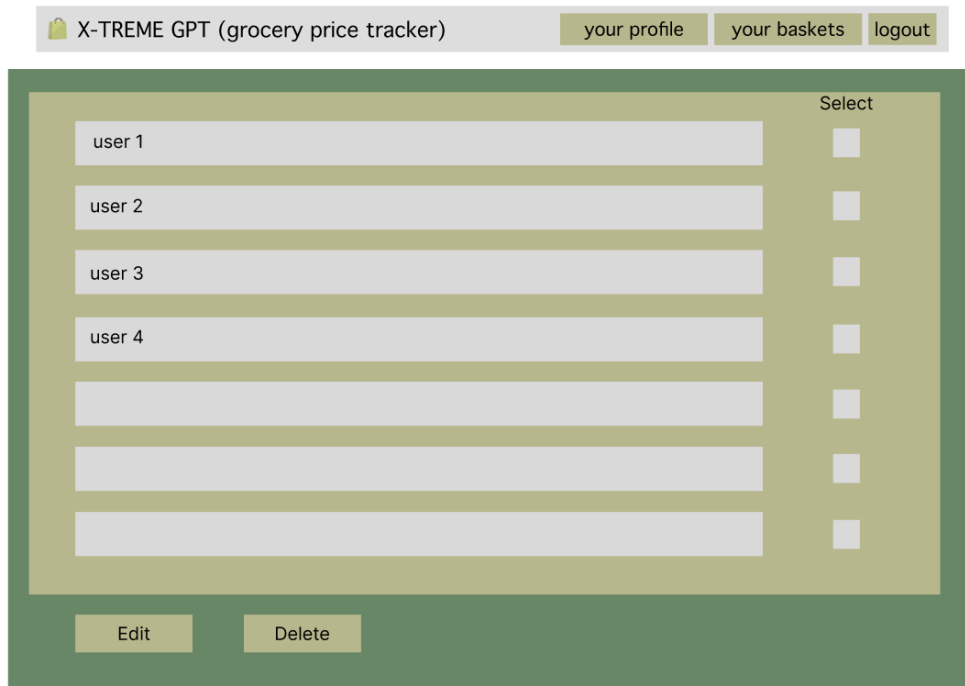- Allows logged in user to set alert price with input text and add item to a basket with the cart icon

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PRODUCT NAME:
Description: This is the product description, it the best product ever I think, I don't know this is fill text so Im just making a full judgement call without even knowing what the product is

Price: $#.##

PRODUCT IMG

🔗 🛒 [   ]
set alert price:

Comments: price history:

comments can be viewed by non-logined users by comments can only be created by logged in users will be a scrollable box

Test Comment: This is a good product! Rating [3]

back to search

this div will show a chart generated by an API which will track the price of the product from the current day to 30 days previous

(figma)

Admin Page
1. Navigation
   - From the *admin* page, admin can return home and log out via the navigation bar.
   - Access to page for customer list
     - Access to individual customer information pages with detailed information (name, username, email, password, baskets, comments, and history).
2. Features
   - Admin can search for user info by username or email
   - Displays list of all customers and correlated information
   - Admin can view user activity, baskets, comment history.
   - Create and delete users
   - Create and delete comments

| X-TREME GPT (grocery price tracker) | | your profile | your baskets | logout |

	Select
user 1	☐
user 2	☐
user 3	☐
user 4	☐
	☐
	☐
	☐

Edit   Delete

(figma)

Typical interaction (customer)

- The user will enter the site at the home page.
- The user will login or create an account at the login page.
- The user is then returned to the home page.
- Once logged in, the user will have access to the customer page via navigation bar, to edit information or delete their account.
- From the home page, the user will search for a product using the search bar.
- The search includes a search entry, a store selection, and a location selection. The search directs the user to the browse page.
- The browse page displays items matching the search, and displays basic information for the products.
- The user then clicks on a product to view price trends on the product page. The user can then add the product to their basket (from the browser or product page). The user can also choose to purchase the item directly from the store.
- At the product page, the user can view detailed product information, price information, leave a comment, and add product to basket.
- The user can build a basket and compare prices of all items across different stores and locations to make informed financial grocery decisions.
- Additional pages can be accessed to edit profile information and edit baskets and history.

Typical interaction (admin)

- User enters site at home page.

- User logins in with admin credentials and is redirected to the home page.
- Admin portal is accessible through the navigation bar when logged in as admin.
- Admin has all features as customer plus admin privileges.
- Admin can search for users by name, email, or username, and view their information.
- Additionally, from the admin page, admin can edit/remove users, and edit/remove comments from products.

Site Map:
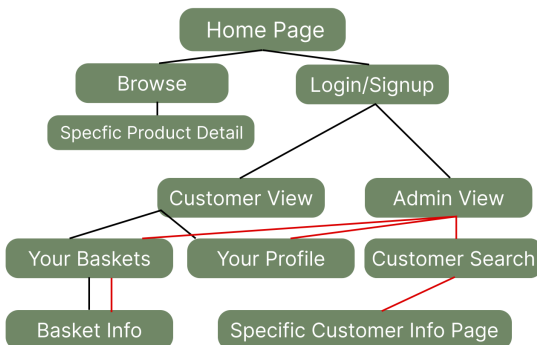
Design Theory

We are taking a simplistic and intuitive approach to our design. We are using consistent colours across pages to demonstrate continuity. Buttons and clickable items will remain consistent and visible for the user to engage with. All text and items will be clearly visible to the user. Each page will contain a navigation bar in the header and a clickable title to return to the home page. Each page will scale appropriately to the viewport. We aim to reduce jargon and provide clear information regarding price trends. We are striving for an easily learnable and memorable design that will allow all users to have an enjoyable and successful interaction. We are planning on keeping the core-layout similar however we will change the format in order to incorporate a smoother view through frameworks like Bootstrap.

Client Side Validation

The website uses HTML and JavaScript validation in forms to ensure the required fields are filled with the appropriate values. HTML validation provides feedback and ensures the correct characters are entered - i.e. the "@" symbol for email, and the password field is password characters. HTML validation ensures the form is complete before allowing submission. The JavaScript validation highlights the required fields if they are left blank, provides an alert to fill the required fields, and does not allow submission until all required fields are filled. Such forms are found in the search query on the *home* and *browse* pages and the login and create account forms in the *login* page.

Create a Free Account

Name

Username

Email helloD

⚠ Please include an '@' in the email address. 'helloD' is missing an '@'.

Receive Email Updates? ☐

Password

Register Clear

This page says

Please fill in the required highlighted fields.

OK

Login/Sign Up

Login

Username

Password

Login |forgot password?

Create a Free Account

Name

Username

Email

Favourite Store Superstore

Receive Email Updates? ☐

Password

Register Clear

🗔 X-TREME GPT (grocery price tracker)   login / sign up

Find a Product

Search for...   Superstore ▾   Kelowna ▾   Search   Browse all items

⚠ Please fill out this field.

GPT, your source for x-treme grocery price tracking to help
cash!