



SOFTWARE DEVELOPMENT 2

Sprint 4 – Team “APEX”

Project Name: Sustainable Grocery Tracker

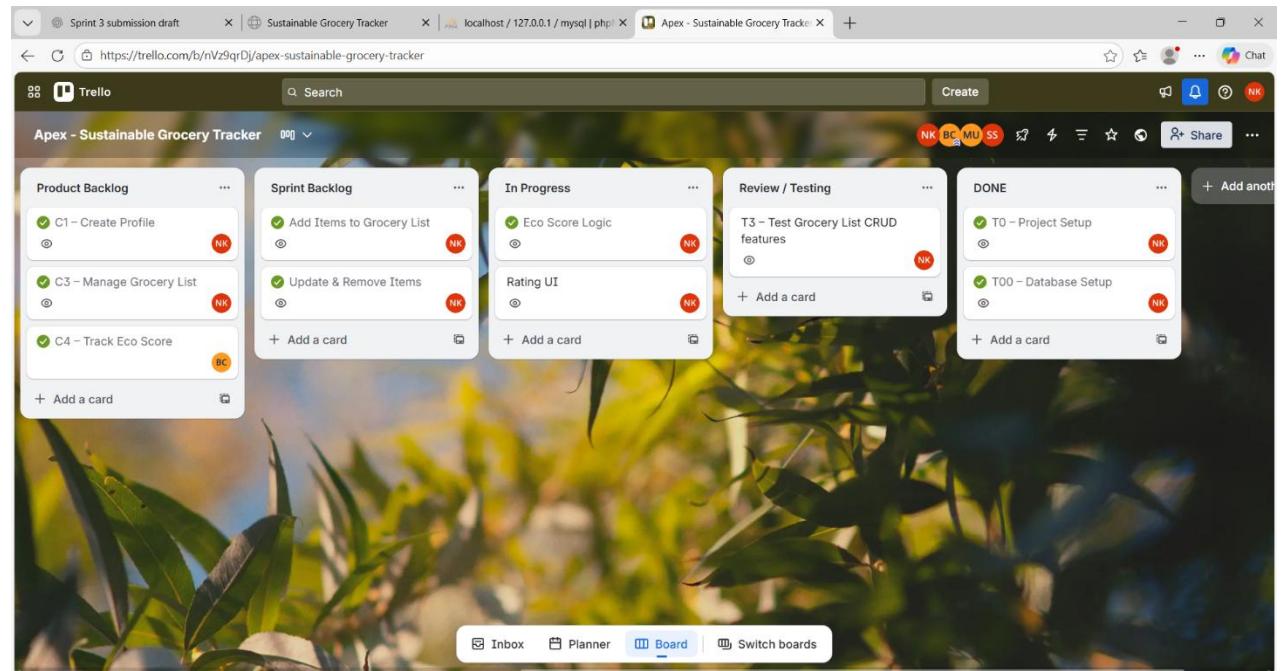
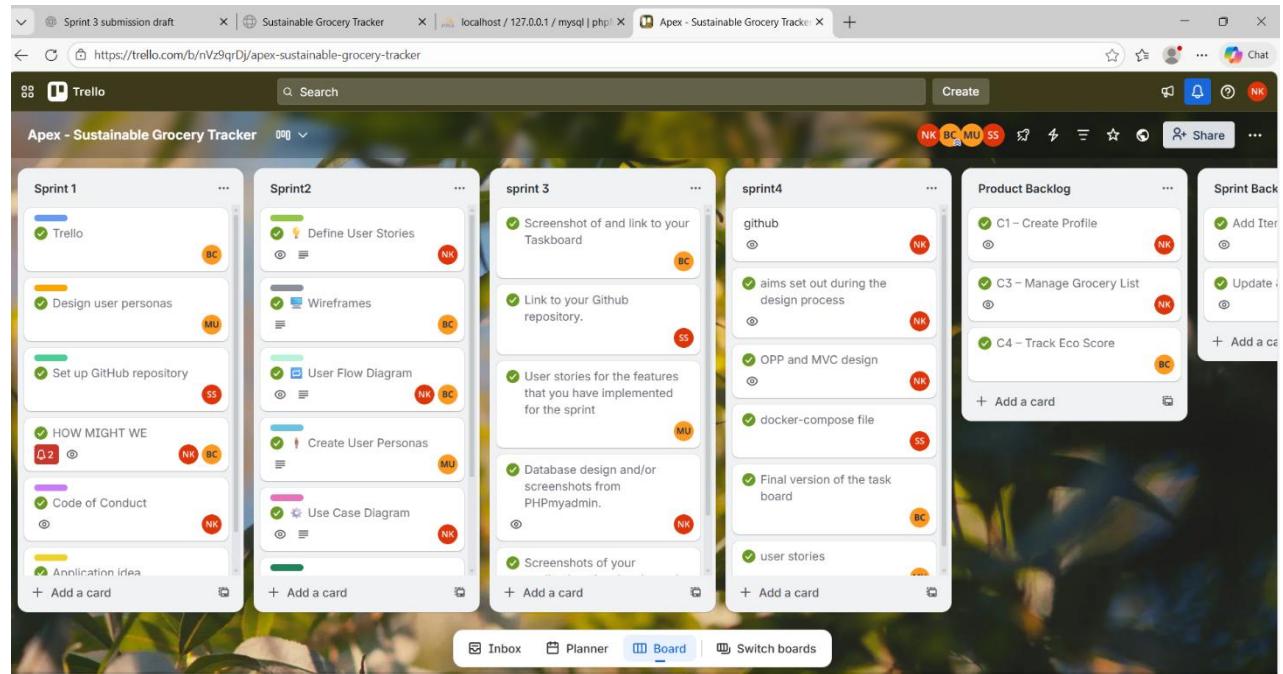
Team members:

1. Nandini kadiyala
2. Sravya Savirigam
3. Manju Uppe
4. Bala Manikanta Chowdary Musunuri

1.Screenshots of and link to your Task board

[Apex - Sustainable Grocery Tracker | Trello](https://trello.com/b/nVz9qrDj/apex-sustainable-grocery-tracker)

Screenshots of Trello:



2.Link to your GitHub repository.

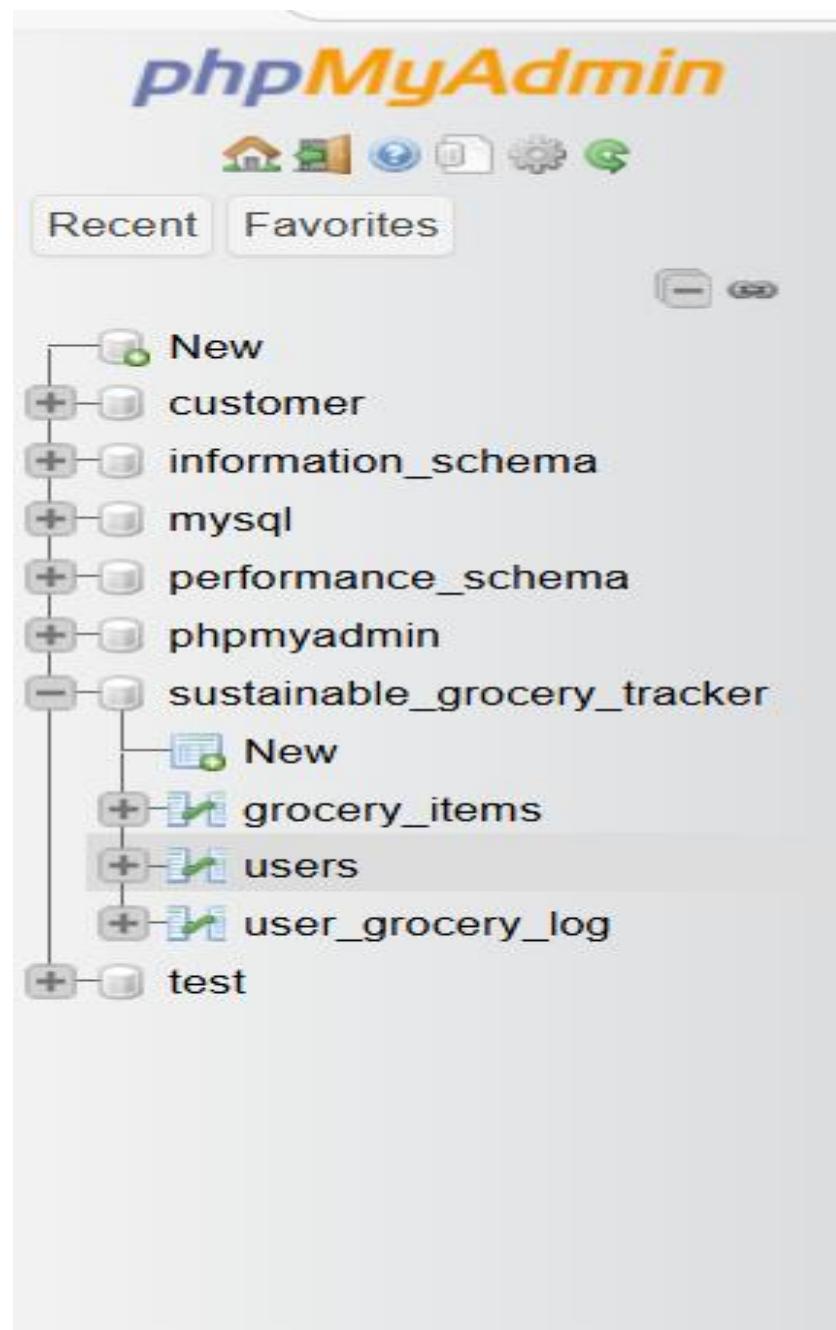
<https://github.com/Nandini22-k/Sustainable-grocery-tracker>

Apex

3. User Stories for The Features That You Have Implemented for The Sprint

Feature	User Story	Description	Acceptance Criteria
Homepage (Index Page)	As a User, I want a home page so I can understand the app easily.	Displays title, brief information, and navigation links.	Page loads with colourful UI and working navigation buttons.
View Grocery Items (Menu Page)	As a Buyer, I want to view grocery items so I can see their details.	Shows grocery items in card format.	Cards display item name, category, eco-score, and carbon footprint.
Add to Cart (UI)	As a Buyer, I want an “Add to Cart” button so I can plan my shopping.	A button is available to add items to cart.	Each item card has an “Add to Cart” button.
Track Item (UI)	As a Buyer, I want a “Track” button so I can track sustainable choices.	Button for adding items to sustainability tracker.	Each grocery card shows a “Track” button.
Delete Item (UI)	As a User/Admin, I want to delete items from the list.	Ability to remove unwanted grocery items.	Each item card includes a “Delete” button.
Admin – View Items	As an Admin, I want to view all grocery items so I can manage them.	Displays the master grocery list.	Admin table shows name, category, eco-score, and packaging.
Admin – Delete Items (UI)	As an Admin, I want to delete system items.	Remove outdated or incorrect items.	Table includes a “Delete” button for each item.
Admin – Add Item (UI)	As an Admin, I want an option to add new items.	Provides an Add New Item button.	“Add New Item” button is visible on the admin page.
About Page	As a User, I want to read the project history and contact information.	Shows mission, history, team info, and contacts.	About page includes history, mission, and contact details.
Navbar Navigation	As a User, I want easy navigation between pages.	Navbar appears at the top on all pages.	Navbar links to Home, Menu, Admin, and About pages work correctly.

4.Database design and/or screenshots from PhpMyAdmin.



Screenshot of the phpMyAdmin interface showing the 'grocery_items' table in the 'sustainable_grocery_tracker' database.

Table Structure:

```

CREATE TABLE `grocery_items` (
  `id` int(11) NOT NULL,
  `name` varchar(255) NOT NULL,
  `category` varchar(255) NOT NULL,
  `eco_score` int(11) NOT NULL,
  `carbon_footprint` float(10,2) NOT NULL,
  `packaging_type` varchar(255) NOT NULL
)

```

Table Data:

	Edit	Copy	Delete	id	name	category	eco_score	carbon_footprint	packaging_type
<input type="checkbox"/>	Edit	Copy	Delete	1	Organic Apples	Fruits	90	0.40	Compostable
<input type="checkbox"/>	Edit	Copy	Delete	2	Bananas	Fruits	85	0.30	Recyclable
<input type="checkbox"/>	Edit	Copy	Delete	3	Broccoli	Vegetables	88	0.50	No Packaging
<input type="checkbox"/>	Edit	Copy	Delete	4	Almond Milk	Dairy Alternatives	70	1.20	Recyclable
<input type="checkbox"/>	Edit	Copy	Delete	5	Oat Milk	Dairy Alternatives	78	0.80	Recyclable
<input type="checkbox"/>	Edit	Copy	Delete	6	Brown Rice	Grains	82	1.10	Paper Bag
<input type="checkbox"/>	Edit	Copy	Delete	7	White Rice	Grains	62	1.50	Plastic Bag
<input type="checkbox"/>	Edit	Copy	Delete	8	Tomatoes	Vegetables	84	0.60	No Packaging
<input type="checkbox"/>	Edit	Copy	Delete	9	Potatoes	Vegetables	75	0.70	Mesh Bag
<input type="checkbox"/>	Edit	Copy	Delete	10	Eggs (Free-Range)	Dairy	92	1.10	Recyclable Carton
<input type="checkbox"/>	Edit	Copy	Delete	11	Eggs (Regular)	Dairy	60	1.60	Plastic Carton
<input type="checkbox"/>	Edit	Copy	Delete	12	Soy Sauce	Condiments	65	2.00	Glass Bottle
<input type="checkbox"/>	Edit	Copy	Delete	13	Organic Pasta	Grains	80	1.05	Cardboard
<input type="checkbox"/>	Edit	Copy	Delete	14	Cereal (Eco Brand)	Breakfast	88	0.90	Recyclable
<input type="checkbox"/>	Edit	Copy	Delete	15	Cereal (Regular)	Breakfast	55	1.40	Plastic

Screenshot of the phpMyAdmin interface showing the 'users' table in the 'sustainable_grocery_tracker' database.

Table Structure:

```

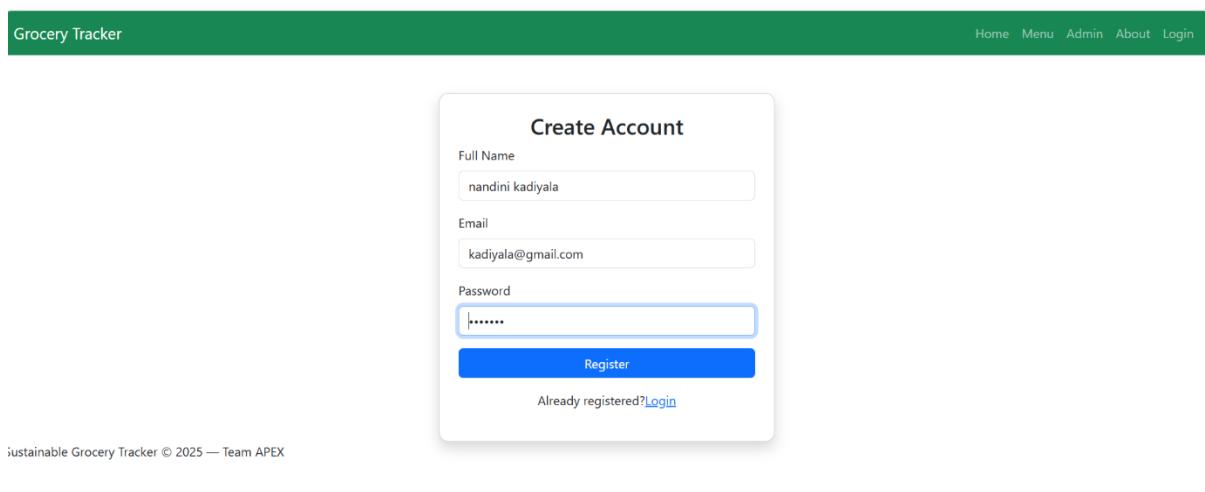
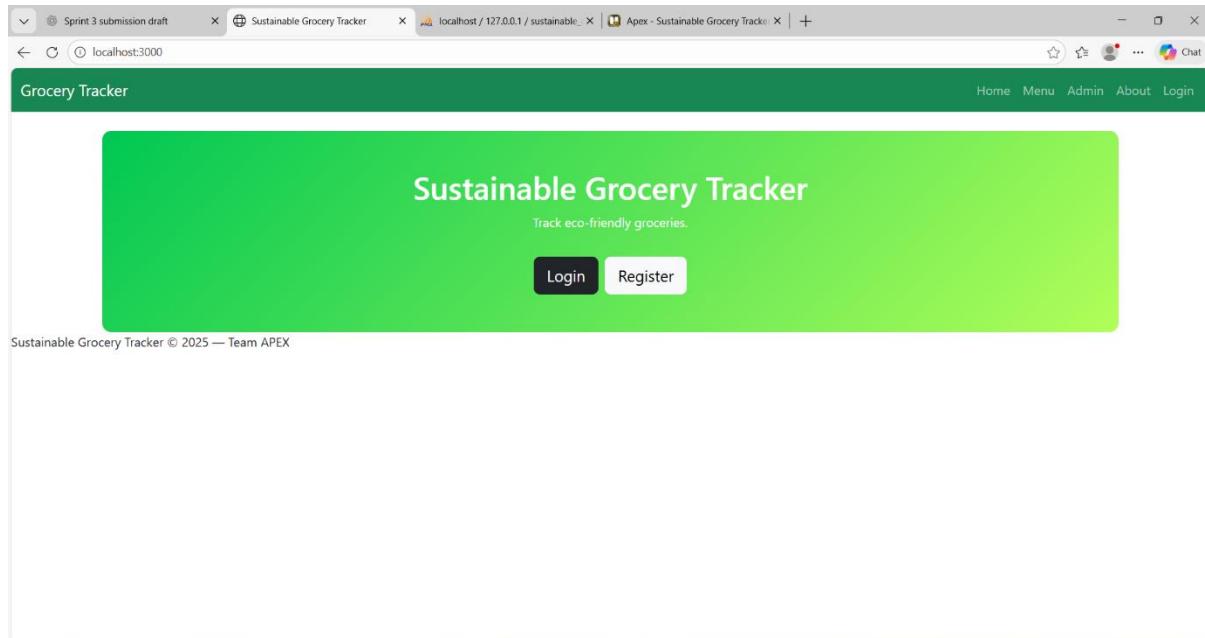
CREATE TABLE `users` (
  `id` int(11) NOT NULL,
  `name` varchar(255) NOT NULL,
  `email` varchar(255) NOT NULL,
  `password` varchar(255) NOT NULL,
  `role` varchar(255) NOT NULL
)

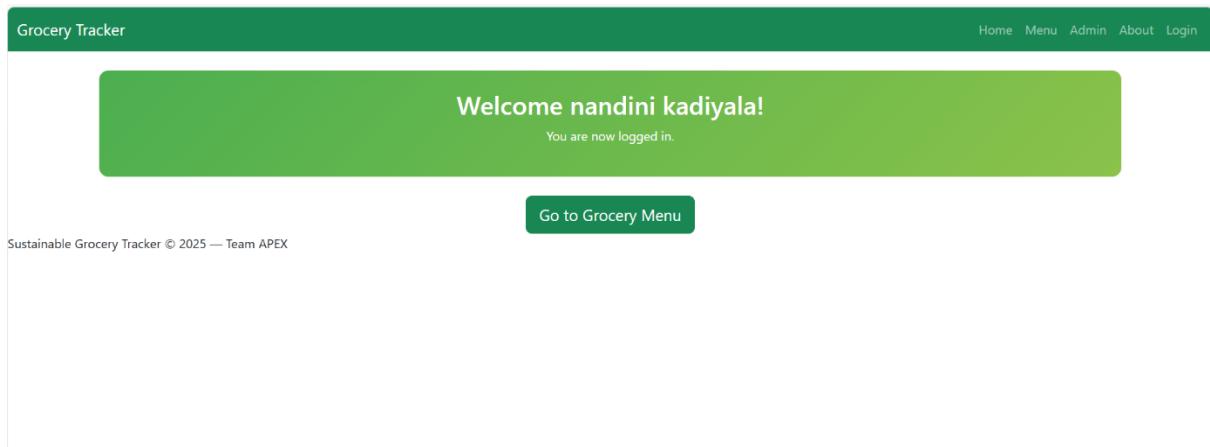
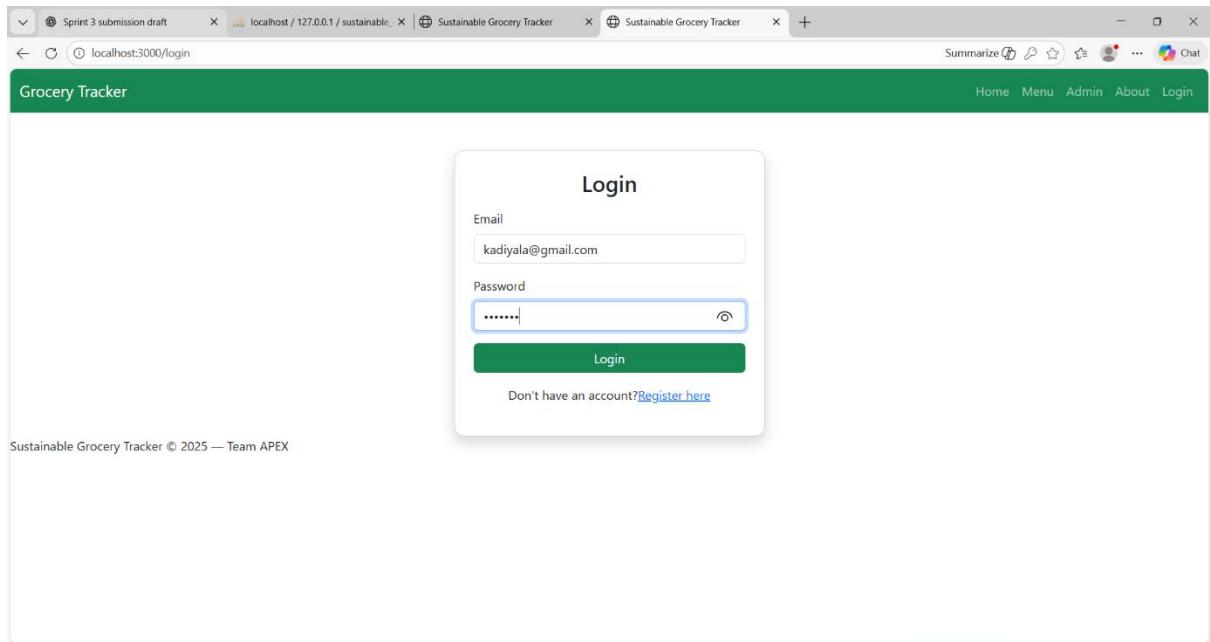
```

Table Data:

	Edit	Copy	Delete	id	name	email	password	role
<input type="checkbox"/>	Edit	Copy	Delete	1	Admin User	admin@example.com	admin123	admin
<input type="checkbox"/>	Edit	Copy	Delete	2	Sravya Savingam	sravya@example.com	password123	buyer
<input type="checkbox"/>	Edit	Copy	Delete	3	Nandini Kadiyala	nandini@example.com	password123	buyer
<input type="checkbox"/>	Edit	Copy	Delete	4	nandini kadiyala	kadiyala@gmail.com	Abc@123	buyer

5.Screenshots of your application showing the sprint 4 requirements implemented





Screenshot of the Grocery Menu page. The page title is "Grocery Menu". It displays six items in a 2x3 grid:

- Organic Apples**: Price: \$4. Add to Cart button.
- Bananas**: Price: \$3. Add to Cart button.
- Broccoli**: Price: \$2.5. Add to Cart button.
- Almond Milk**: Price: \$3.2. Add to Cart button.
- Brown Rice**: Price: \$2.8. Add to Cart button.
- Eggs (Free Range)**: Price: \$3.5. Add to Cart button.

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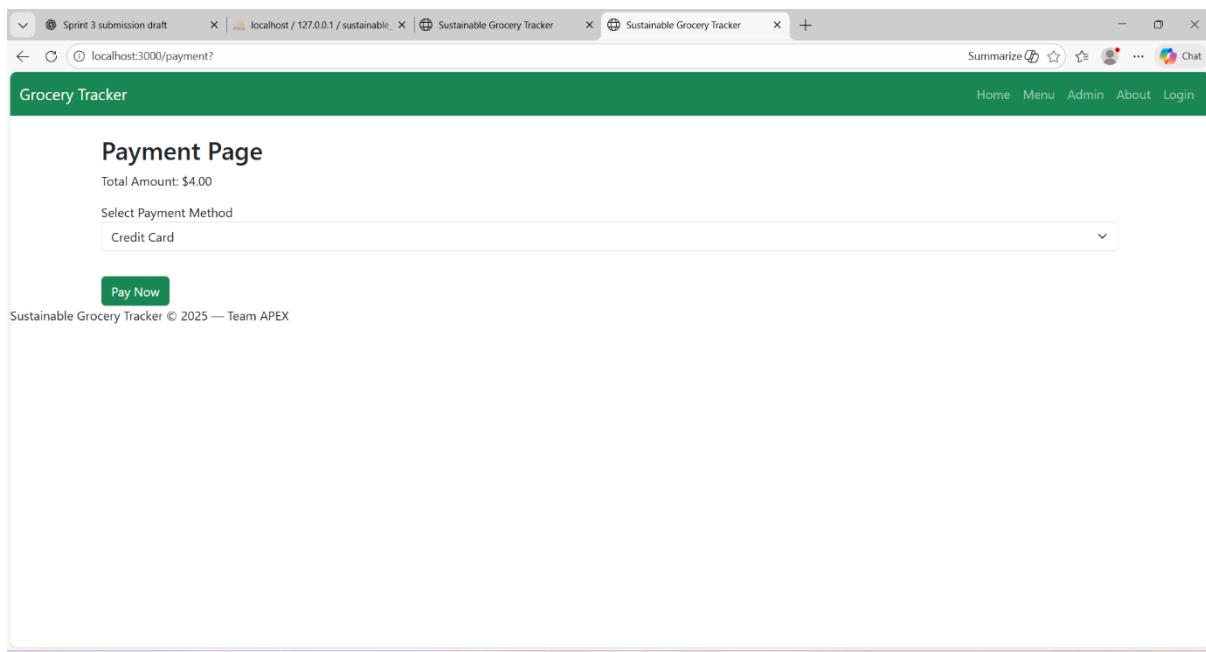
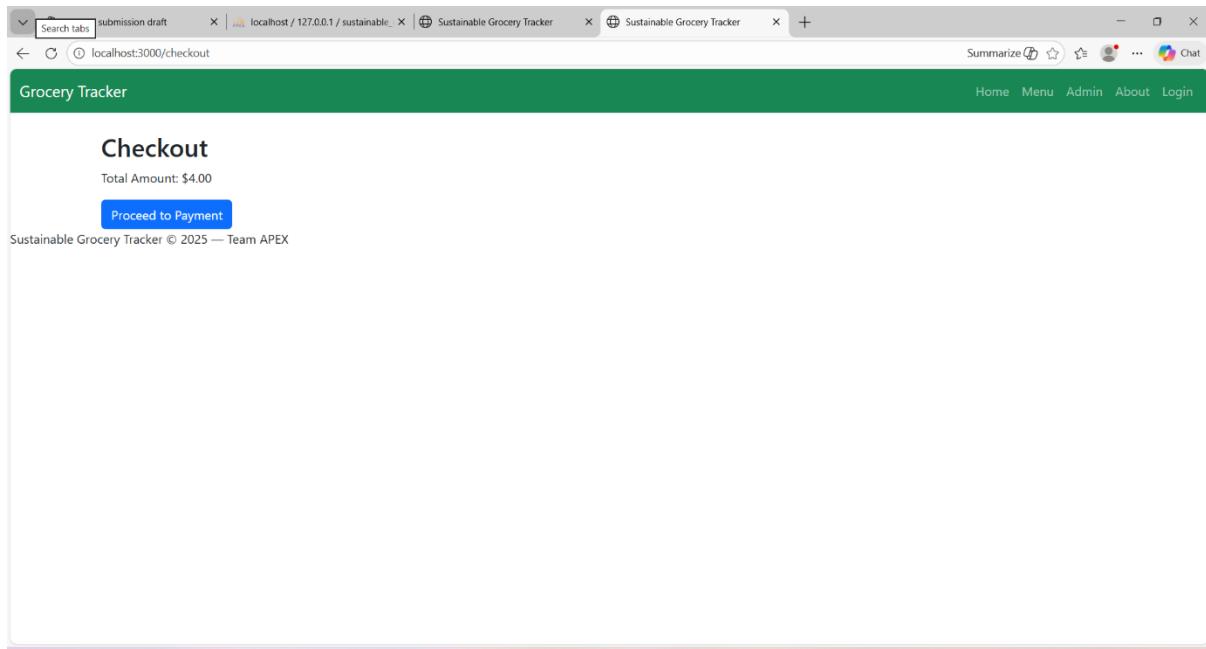
Screenshot of the Your Cart page. The page title is "Your Cart". It shows one item:

- Organic Apples

Total: \$4.00

Proceed to Checkout

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Apex

