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Executive Overview

The focus of this delivery is the UI prototypes, showcasing the different pages of our web application and the client's comments. We also have an updated version of the narrative description of our project and our client's business problem. As well as a list of 10 usability guidelines. Lastly, the user stories, tests and story map that were greatly changed, due to our ecommerce project.

Firstly, the narrative description, reads in narrative format, the flow of our information system in the point of view of users that are employee(s), admin, and the IT person. From the entry point of the website to the steps users take to navigate the site to achieve a specific task.

Next, their main business problem remains the same. They do not have an efficient way of tracking their products. Therefore, they have issues with overstocking and not knowing when products and items are about to expire in an efficient manner.

Then, we have 10 usability guidelines found within five different sources. They are defined in bullet point form. The way that these guidelines are being followed in our project are also in the same format as the latter. To name a few guidelines, we have simplicity, conventionality and being clear.

The prototype interfaces, that are made with the use of Figma represent 8 different pages that our web application will have. To name a few interfaces we have the main page for admin/employees, the messages page and the IT specialist edit user account page.

For the client's comments section, we unfortunately were unable to communicate with them. But we had an idea from previous meetings, on how the client envisioned the website's appearance and functionalities.

The next part contains the user stories and story tests that were greatly updated, following our first ecommerce delivery. Some of the user stories were separated into two, some combined into one story and a good number of new stories were added to satisfy the 8 stories per teammate requirement.

Lastly, we have an updated version of the story map that includes the new user stories. It now follows a narrative format because the story for admin, employee and IT specialist all starts with logging in and ends with logging out. With the rest of the functionalities being in between those two.

Narrative Description of the Project

When a user tries to access the system by logging in, there are three different possible roles they can have. The three roles are employees, admins, and an IT specialist. While the employees are the workers of Sweemory, the admins are owners, and the IT specialist will most likely be the owner's brother Mustafa, since he is knowledgeable about IT.

Once an employee or an admin log into the web application, they arrive on the landing page. The landing page contains three hyperlinks on the screen, Inventory, Messages, and Recipes. The inventory link will redirect the employee to the products page where a list of all the products will be displayed. From this page, the employee and the admin will be able to either view the details of a product or make their way to the ingredient page. When viewing the details of a product, the employee will only be able to modify the quantity for the product. On the other hand, the admin will have the power to modify the quantity, edit the product information, and delete the product from the list. Both the admin and the employee can press the "Back" button which will send them back to the products page. If they were to navigate to the ingredients page, the employee would simply have viewing permissions. They will be able to interact with an ingredient to view their details but will not have access to anything else. However, the admin will have full access to this page. They will be able to view, add, edit, and delete ingredients.

If the employee or admin wishes to search for specific products, a search bar will be available in both the products and the ingredient page. Filtering will also be provided to minimize the number of products displayed on the screen.

As I previously mentioned, the admin and employee will also be able to interact with a Messages button on the landing page, which will send them to a page that displays messages that were sent to them. If the receiver has read the message and no longer wants to see it, they can delete the messages. Furthermore, both the employee and the admin can send a message to other users of the applications by pressing “New Message”.

Furthermore, the employee and admin can view some recipes. If they click on “Recipes” on the landing page, the user will be redirected to the recipes page.

When the IT specialist logs into the web application, they will arrive on the landing page for the IT specialist. The landing page displays a table list of all the Employees and Admins on the webpage. This table displays necessary information about each user. If they wish to view the user’s information in more detail, they can click on an ID which will send them to the user’s detail page. On the user detail page, the IT can view the details of a user, or interact with the edit or delete button the user from the list. Delete will remove the user from the list of employees and admins, while edit will send you to the edit page. In the edit page, you can change the user information or change the user status to active or inactive.

Business Problem

The client has two main concerns that need to be addressed. The first issue is the difficulty in keeping track of product expiration dates, which is a time-consuming process that requires significant employee effort. To solve this problem, we propose the implementation of an automated system that can track expiration dates and alert the owner when a product is nearing its expiration date. This solution would simplify the monitoring process, save time and effort, and improve the accuracy and efficiency of monitoring.

The second issue is related to overstocking, which leads to wastage of resources and impacts the store's profitability. To tackle this problem, we are implementing notifications to the websites which will provide real-time updates on the availability of stock. This solution would help employees keep track of the products in stock and prevent overstocking. Additionally, the website would display ingredients that are nearing their expiration date and could be sold at a discounted price.

Moreover, the website would function as a centralized platform for employees to access important product information such as prices, descriptions, and locations within the store. This would make the workforce more knowledgeable about the products and improve the efficiency of store operations. In addition, we also added a messaging system for admins and employees. This can allow easier communication between everyone. Finally, the website would provide the store's recipes that are easily accessible for new employees.

In conclusion, by implementing an automated system to track product expiration dates, a messaging system between employees and admins, a list of recipes for new employees to learn,

a website for real-time updates on stock availability, and a centralized platform for employees to access crucial product information, we can assist the client in reducing food waste, enhancing the efficiency of store operations, and ultimately increasing profitability.

Usability Guidelines

1. Use Recognition, Not Recall

Guideline Definition & Source:

- User should be able to recognize everything on your site.
- With recognizable icons
- With tooltips
- From elegantthemes.com

How it's being followed:

- Notification and Message icon are easily identifiable.
- Tooltips will be implemented when we design the views.

2. Be Clear

Guideline Definition & Source:

- User should know what to do at all times.
- No clutter
- Move from one step to another on different pages.
- From elegantthemes.com

How it's being followed:

- All major features have hyperlinks to get to their page.
- Pictures and headings organized in a way that the design is minimalist.

3. Keep Your Users Free & In Control

Guideline Definition & Source:

- Allow UI to preform actions users want.
- Context and permission determine the available actions.
- From elegantthemes.com

How it's being followed:

- Being able to edit quantity of a product or ingredient after clicking on it.
- Being able to edit and delete a user account when you click on an account.

4. Simplicity

Guideline Definition & Source:

- Don't use too many colors (max 5)
- Only use graphics when necessary
- Maximum of three different typefaces
- From blog.hubspot.com

How it's being followed:

- Mainly purple color pallet and light blue
- One typeface and sometimes in bold to emphasis headings

5. Conventionality

Guideline Definition & Source:

- Having conventions that users are used to.
- Logo on the top left of the page
- Making the logo clickable
- Navigation on the left side of the page.
- From blog.hubspot.com

How it's being followed:

- The Sweemory logo is on the top left.
- We plan on making it clickable to go back to the landing page.
- Three lines logo that's top left opens sidebar with hyperlinks to navigate.

6. Have a Purpose

Guideline Definition & Source:

- Knowing what your website is designed to accomplish.
- Knowing what features, it will have.
- Knowing the design.
- From hotjar.com

How it's being followed:

- We have seen first-hand our client's problems.
- Discussed thoroughly the features that are wanted.
- Discussed thoroughly and made prototypes about the sites design.

7. Aesthetic & Minimalist Design

Guideline Definition & Source:

- Prioritize content and features.
- No unnecessary elements
- Content and visual design of UI focused on essentials.
- From nngroup.com

How it's being followed:

- Pictures represent relevant information.
- All features that the user wanted.

8. Match Between the System & the Real World

Guideline Definition & Source:

- Information should appear in a natural and logical order.
- Words, concepts, phrases should speak user's language.
- Icons, images that are clear to user.
- From nngroup.com

How it's being followed:

- Icons are easily recognizable.
- Images are clear, big enough and represent client's products/ingredients.
- No complex words, phrases, acronyms, and slang.

9. Help Users Recognize, Diagnose, and Recover from Errors

Guideline Definition & Source:

- Explain error in language users will understand.
- Bold and red error messages
- From nngroup.com

How it's being followed:

- Input validation will be implemented.
- Clear and understandable error messages will be implemented with bootstrap.

10. Manage To Focus User's Attention

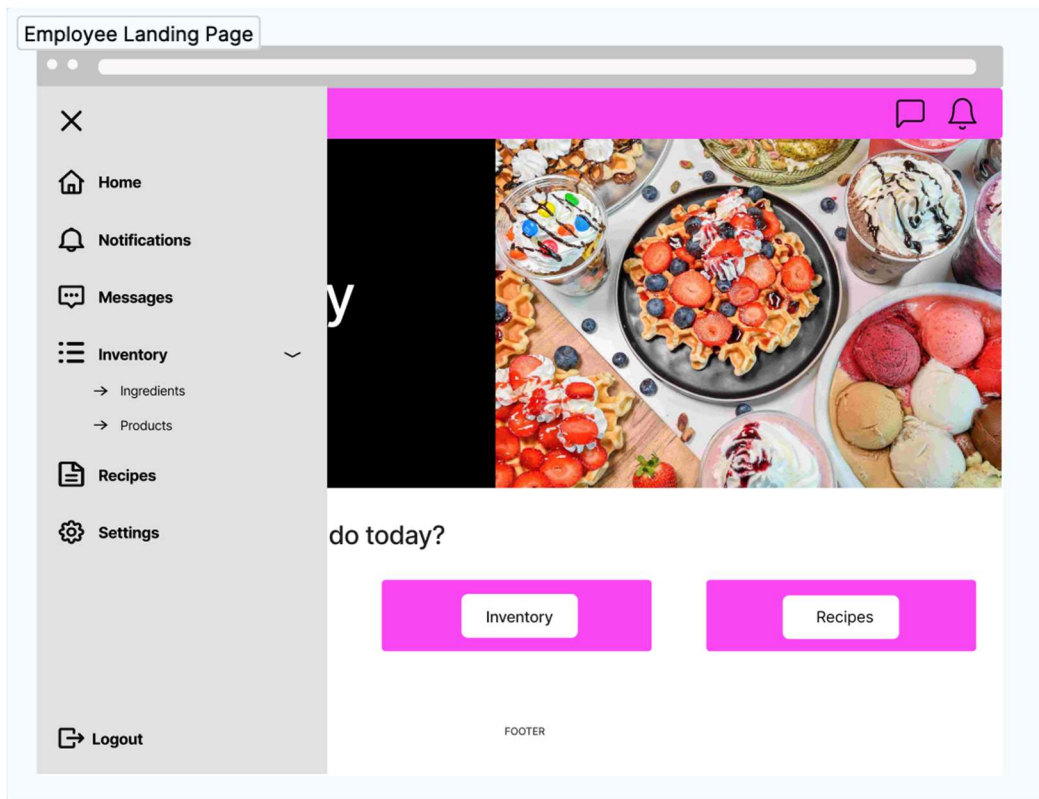
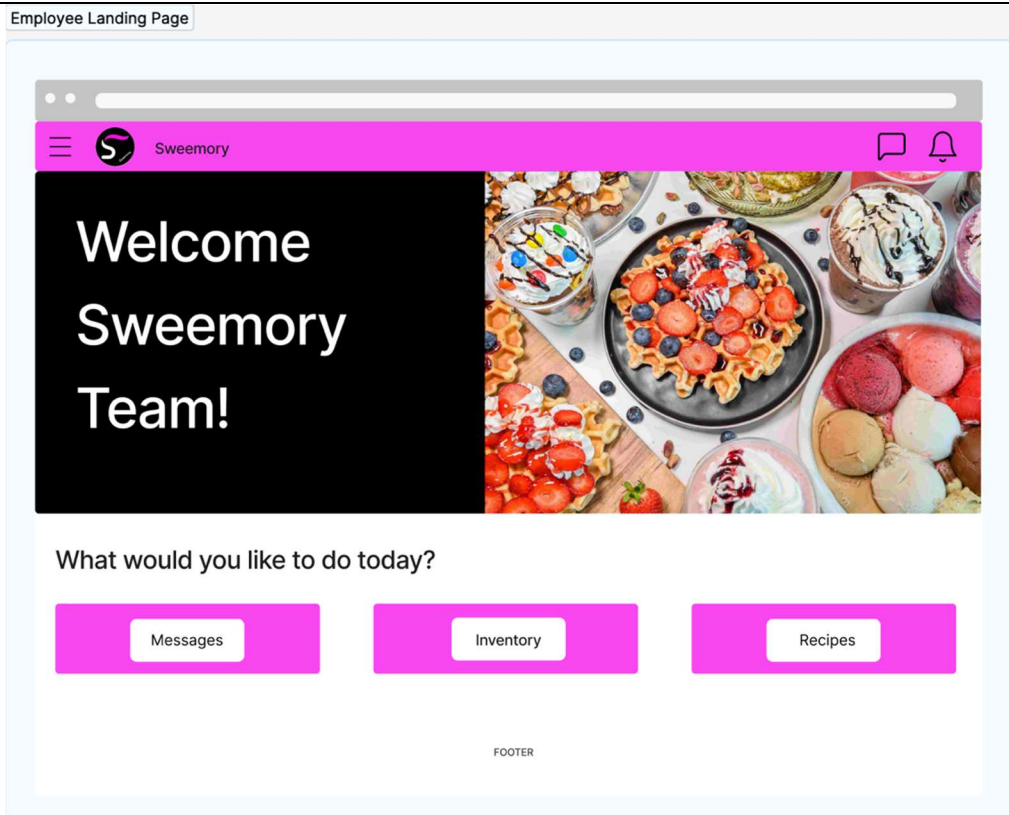
Guideline Definition & Source:

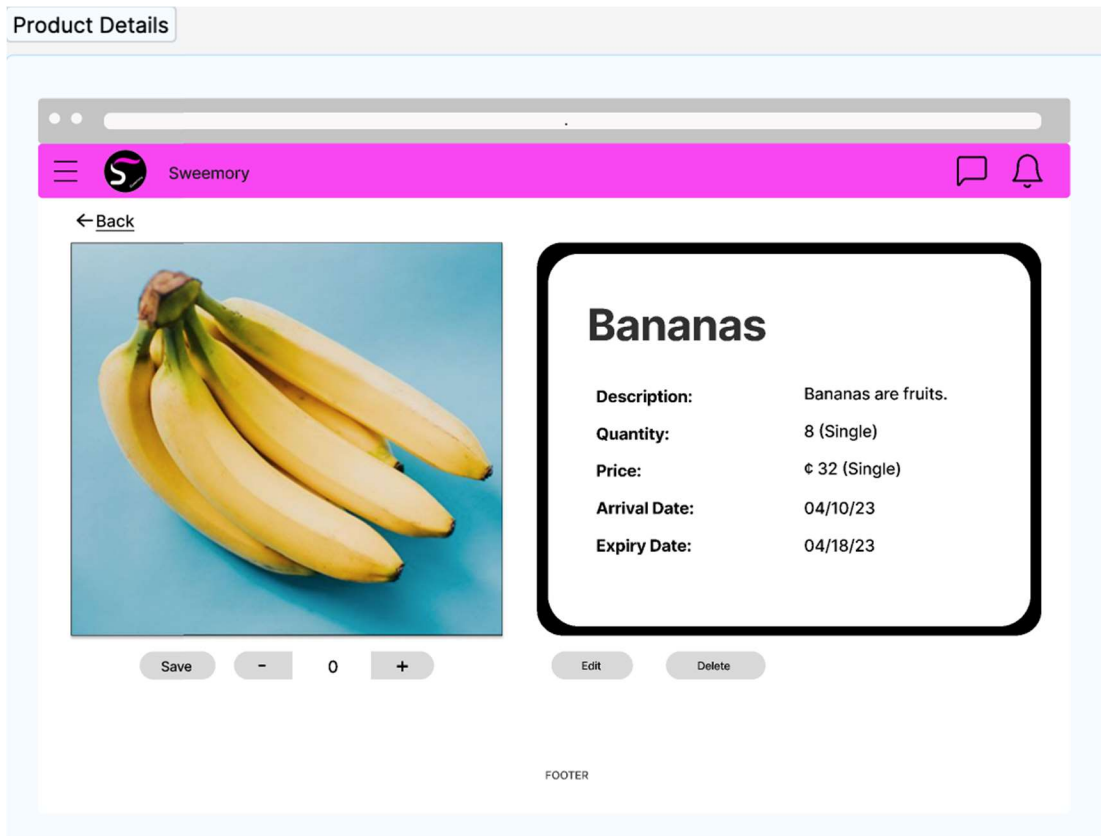
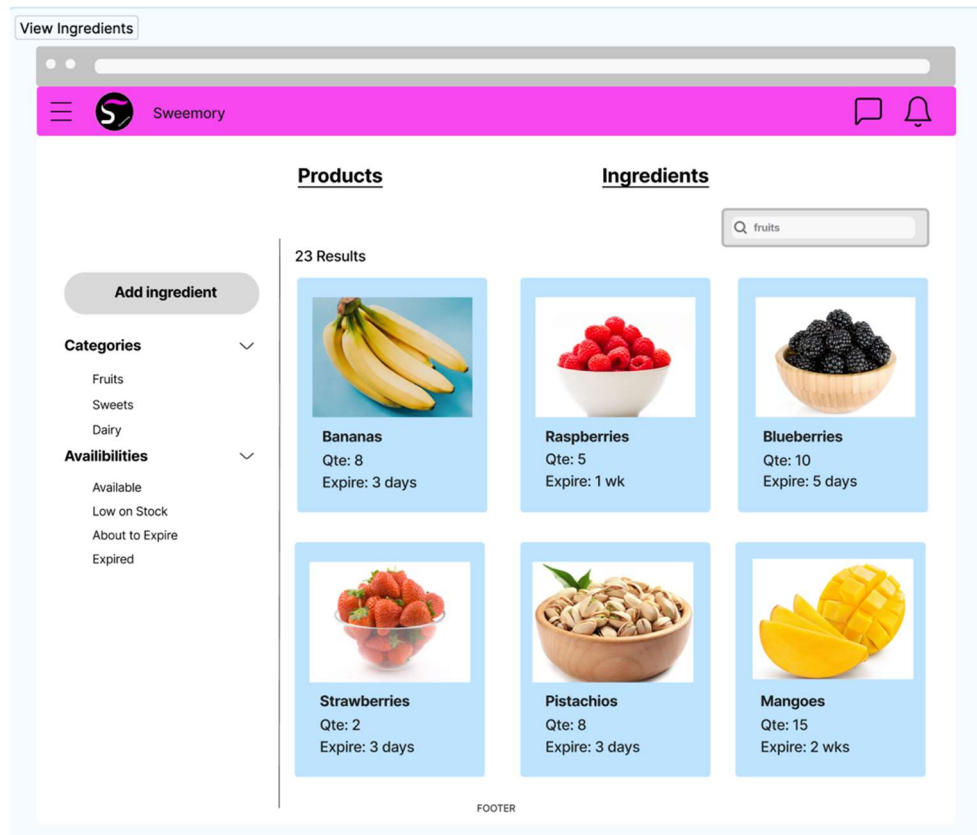
- Use pictures.
- Use bold text.
- Helps user get to point A to point B without thinking.
- From smashingmagazine.com

How it's being followed:


- Pictures are used to avoid reading through ingredient or product names.
- Bold text to show features such as sorting are available.
- Bold and highlighted text to navigate to Products page and Ingredients page.


Prototype Interfaces





Messages

 Sweemory



Inbox


Sent

New Message


New Message



To:

Subject:

Send 

View Users

 Sweemory



+ Add User

Filters

☐ Admins

☐ Employees

List of Employee and Admin

Status	ID	Username	First Name	Last Name	Email	Phone Number
Active	AD86456	John.Doe	John	Doe	john.doe@gmail.com	514-123-4567
Inactive	AD98465	Mubeen.Khan	Mubeen	Khan	mubeen.khan@gmail.com	514-321-4567
Active	AD65465	Nicole.Bautista	Nicole	Bautista	@gmail.com	514-213-4567
Active	EM64545	Deven.Patel	Deven	Patel	@gmail.com	514-312-4567
Inactive	EM98451	XXXXXXX	XXXXXXX	XXXXXXX	@gmail.com	XXXXXXX
Active	EM23154	XXXXXXX	XXXXXXX	XXXXXXX	@gmail.com	XXXXXXX
Inactive	EM14512	XXXXXXX	XXXXXXX	XXXXXXX	@gmail.com	XXXXXXX
Active	EM14512	XXXXXXX	XXXXXXX	XXXXXXX	@gmail.com	XXXXXXX
Active	EM14512	XXXXXXX	XXXXXXX	XXXXXXX	@gmail.com	XXXXXXX

FOOTER

User Details

Sweemory

John.Doe (AD86456)

First Name

John

Middle Name

Last Name

Doe

Email

john.doe@gmail.com

Phone Number

514-123-4567

Status

Active

AD

ID

AD86456

Username

John.Doe

Password

••••••••

Back

Edit

Delete

FOOTER

Edit User

Sweemory

Edit John.Doe (AD86456)

First Name

John

Middle Name

Last Name

Doe

Username

John.Doe

ID

AD86456

Password

strongpassword1234

Email

john.doe@gmail.com

Phone Number

514-123-4567

Status

☒ Active ☐ Inactive

Cancel

Save

FOOTER

Client's Comments

Process with Client

As a result of recent developments and unforeseeable circumstances, we were not able to schedule and attend a meeting with the client in relation to the current deliverable within the allotted time frame. Despite this, we have had previous engagements with the client in which we discussed their vision for the website's appearance and functionality. Through these discussions, we were made aware that the client desired a website with a simplistic design and user-friendly navigation.

Furthermore, they granted us creative freedom in developing the website, allowing us to showcase our expertise and skills in web development. To better understand the client's desired aesthetic, they shared with us the website of "UberEats" as a reference. Currently, we have provided the client with prototypes of the website via social media platforms. However, due to unforeseeable circumstances, we have not yet received any feedback from them. We remain committed to delivering a top-quality website that meets the client's expectations, and we are open to further discussions or suggestions that may arise.

Changes Between Prototypes

At the outset of the project, we had agreed that both the admin and employee home pages would display both products and ingredients (formerly called items). However, after much consideration and discussion, we have since altered our approach. We have decided that it would be more beneficial for the user experience to have a home page that features links to different pages, enabling users to navigate to their desired location with ease and efficiency. During our discussions, we also explored the possibility of having both the view products and view ingredients sections displayed on the same page. Ultimately, we decided that it would be more practical to have them displayed as two separate views. Additionally, we have added an advanced search feature that allows users to sort through products or ingredients based on their availability or categories within their section. These new features will greatly improve the user's ability to quickly and easily find the products or ingredients they require. We believe that these changes will result in a more user-friendly and efficient website that meets the needs of our client and their customers.

Appendix 1

Admin

As a ...	I want to ...	So that I can ...	Test Criteria
Admin	Add a recipe	Add a new recipe for my employees.	1
Admin	Delete a message	Delete a message that I sent	2
Admin	Delete a recipe	Stop serving a product.	3
Admin	Edit an ingredient quantity	Change the amount for the inventory	4
Admin	Edit a recipe	Modify an existing recipe	5
Admin	Search for an ingredient	Find an ingredient easily	6
Admin	Search for a product	Find a product easily	7
Admin	Send message	Communicate with an employee	8
Admin	View a message	See my employee's message	9
Admin	Edit a product quantity	Change the amount for the inventory	10
Admin	View products	Look at all my existing products	11
Admin	View ingredients	Look at all my existing ingredients	12
Admin	View recipes	Look at all recipes	13
Admin	View ingredient details	Look at a more details of a product	15
Admin	View product details	Look at more details of a product	14
Admin	View recipe details	Look at more details of a recipe	16
Admin	Sort products	Sort the order you view products	23
Admin	Sort ingredients	Sort the order you view ingredients	24

Employee

As a ...	I want to ...	So that I can ...	Test Criteria
Employee	Edit ingredient quantity	Change the amount in the inventory	4
Employee	View a message	See messages from admin or employees	9
Employee	Delete a message	Delete a message that I sent	2
Employee	Send a message	Communicate with an employee/admin	8
Employee	View ingredient details	Look at a more details of a product	15
Employee	View product details	Look at more details of a product	14
Employee	View recipes	Look at all recipes	13
Employee	Search for an ingredient	Find an ingredient easily	6
Employee	Search for a product	Find a product easily	7
Employee	View recipe details	Look at more details of a recipe	16
Employee	Edit product quantity	Change the amount in the inventory	10
Employee	Sort products	Sort the order you view products	23
Employee	Sort ingredients	Sort the order you view ingredients	24

IT Specialist

As a ...	I want to ...	So that I can ...	Test Criteria
It Specialist	Edit a user status	Enable and disable accounts	17
It Specialist	View user details	View information about a user's account	18
It Specialist	Edit a user	Modify an existing user account	19
It Specialist	Remove a user	Delete a user account	20
It Specialist	Add a user	Add a new user account	21
It Specialist	Filter users	Filter the user types you view	22

Story Tests

Story 01: Add a recipe.

Scenario 01: Verify that admin can add a new recipe.

Given [user is logged in as admin]

And [on the recipes page]

When [clicks on “add recipe”]

Then [admin fills out the form]

And [admin clicks on “Add”]

Then [confirmation message appears]

And [admin clicks on “Confirm”]

Then [recipe is added to database]

Story 02: Delete a message.

Scenario 01: Verify that admin or employee can delete a message.

Given [user is logged in as admin or employee]

And [on the Message page]

Then [admin/employee clicks “Sent”]

When [admin/employee clicks “trash icon”]

Then [message is deleted from database]

Story 03: Delete a recipe.

Scenario 01: Verify that admin can delete a recipe.

Given [user is logged in as admin]

And [on the recipes page]

Then [admin clicks on a recipe]

When [admin clicks “delete recipe”]

Then [confirmation message appears]
And [admin clicks on “Confirm”]
Then [recipe is removed from database]

Story 04: Edit an ingredient quantity.

Scenario 01: Verify that admin and employee can edit ingredient quantity.

Given [user is logged in as admin or employee]
Then [admin/employee is on the ingredients page]
And [admin/employee clicks on an ingredient]
When [admin/employee clicks on up or down arrows]
And [admin/employee sees the quantity number changing]
Then [admin/employee clicks “Save changes”]
And [new ingredient quantity is updated in the database]

Story 05: Edit a recipe.

Scenario 01: Verify that admin can edit a recipe.

Given [user is logged in as admin]
And [on the recipes page]
Then [admin clicks on a recipe]
When [admin clicks on “Edit recipe”]
Then [form with recipe details displayed]
And [admin changes value(s) from form]
Then [admin clicks on “Save changes”]
And [new recipe data saved in database]

Story 06: Search for an ingredient

Scenario 01: Verify that admin and employee can search for an ingredient(s)

Given [user is logged in as admin or employee]
And [on the ingredients page]
When [admin/employee clicks on the textbox]
And [admin/employee type's the name of an ingredient]
Then [admin/employee clicks on "search" icon]
And [admin/employee views ingredient(s) results]

Story 07: Search for a product

Scenario 01: Verify that admin and employee can search for a product(s)

Given [user is logged in as admin or employee]
And [on the products page]
When [admin/employee clicks on the textbox]
And [admin/employee type's the name of a product]
Then [admin/employee clicks on "search" icon]
And [admin/employee views product(s) results]

Story 08: Send a message.

Scenario 01: Verify that admin/employee can all send messages to each other.

Given [user is logged in as employee/admin]
And [on the Message page]
When [admin/employee clicks "New Message"]
And [admin/employee type's a username in "receiver" textbox]
Then [admin/employee type's a message in "message" text area]
And [admin/employee clicks "send message"]
Then [message is added into database]

Story 09: View message(s)

Scenario 01: Verify that admin/employee can view message(s)

Given [user is logged in as admin/employee]

When [on the Message page]

Then [admin/employee view received message(s)]

Story 10: Edit a product quantity.

Scenario 01: Verify that admin and employee can edit ingredient product.

Given [user is logged in as admin or employee]

Then [admin/employee is on the product page]

And [admin/employee clicks on a product]

When [admin/employee clicks on up or down arrows]

And [admin/employee sees the quantity number changing]

Then [admin/employee clicks "Save changes"]

And [new product quantity is updated in the database]

Story 11: View products

Scenario 01: Verify that admin and employee can view products.

Given [user is logged in as admin or employee]

Then [admin/employee is on the main page]

When [admin/employee clicks on "Inventory"]

Then [all products are displayed]

Story 12: View ingredients

Scenario 01: Verify that admin and employee can view ingredients.

Given [user is logged in as admin or employee]

Then [admin/employee is on the main page]

And [admin/employee clicks on “Inventory”]

When [admin/employee clicks “Ingredients”]

Then [all ingredients are displayed]

Story 13: View recipes

Scenario 01: Verify that admin and employee can view recipes.

Given [user is logged in as admin or employee]

Then [admin/employee is on the main page]

When [admin/employee clicks on “Recipes”]

Then [all recipes are displayed]

Story 14: View product details

Scenario 01: Verify that admin and employee can view products details.

Given [user is logged in as admin or employee]

Then [admin/employee is on the main page]

And [admin/employee clicks on “Products”]

When [admin/employee clicks on a product]

Then [product details are displayed]

Story 15: View ingredient details

Scenario 01: Verify that admin and employee can view ingredient details.

Given [user is logged in as admin or employee]

Then [admin/employee is on the main page]

And [admin/employee clicks on “Ingredients”]

When [admin/employee clicks on an ingredient]

Then [ingredient details are displayed]

Story 16: View recipe details

Scenario 01: Verify that admin and employee can view recipe details.

Given [user is logged in as admin or employee]

Then [admin/employee is on the main page]

And [admin/employee clicks on “Recipes”]

When [admin/employee clicks on a recipe]

Then [recipe details are displayed]

Story 17: Edit a user status.

Scenario 01: Verify that IT specialist can change a user status to deactivated.

Given [user is logged in as IT specialist]

Then [IT specialist is on the main page]

When [IT specialist clicks “Deactivate” button]

Then [database updates the user status]

Scenario 02:

Given [user is logged in as IT specialist]

Then [IT specialist is on the main page]

When [IT specialist clicks “Activate” button]

Then [database updates the user status]

Story 18: View user details

Scenario 01: Verify that IT specialist can view user details.

Given [user is logged in as IT specialist]

Then [IT specialist is on the main page]

When [IT specialist clicks on a user’s username]

Then [user’s information is displayed]

Story 19: Edit user account.

Scenario 01: Verify that IT specialist can edit a user account.

Given [user is logged in as IT specialist]

Then [IT specialist is on the main page]

And [IT specialist clicks on a user's username]

When [IT specialist clicks "Edit user"]

Then [user's information in form]

And [IT specialist changes value(s) from form]

Then [IT specialist clicks "Save changes"]

And [confirmation message pops up]

Then [IT specialist clicks "Confirm"]

And [database is updated]

Story 20: Remove a user account.

Scenario 01: Verify that IT specialist can delete a user account.

Given [user is logged in as IT specialist]

Then [IT specialist is on the main page]

And [IT specialist clicks on a user's username]

When [IT specialist clicks "Remove user"]

Then [confirmation message pops ups]

And [IT specialist clicks "Confirm"]

Then [database is updated]

Story 21: Add a user account.

Scenario 01: Verify that IT specialist can add new user accounts.

Given [user is logged in as IT specialist]

Then [IT specialist is on the main page]

When [IT specialist clicks “Add user”]

Then [IT specialist fills form]

And [IT specialist clicks create user]

Then [database is updated]

Story 22: Filter user accounts

Scenario 01: Verify that IT specialist can view only admin accounts.

Given [user is logged in as IT specialist]

Then [IT specialist is on the main page]

When [IT specialist clicks checkbox next to “Admins”]

Then [database displays admin table]

Scenario 02: Verify that IT specialist can view only employee accounts.

Given [user is logged in as IT specialist]

Then [IT specialist is on the main page]

When [IT specialist clicks checkbox next to “Employees”]

Then [database displays employee table]

Story 23: Sort products

Scenario 01: Verify that admin/employee can sort products by availability.

Given [user is logged in as admin/employee]

Then [admin/employee is on products page]

When [admin/employee clicks “Available”]

Then [products ordered by availability]

Scenario 02: Verify that admin/employee can sort product by stock.

Given [user is logged in as admin/employee]

Then [admin/employee is on products page]

When [admin/employee clicks “Low on Stock”]

Then [products ordered by stock]

Scenario 03: Verify that admin/employee can sort product by expiration.

Given [user is logged in as admin/employee]

Then [admin/employee is on products page]

When [admin/employee clicks “About to Expire”]

Then [products ordered by expiration date]

Scenario 02: Verify that admin/employee can sort product by expired.

Given [user is logged in as admin/employee]

Then [admin/employee is on products page]

When [admin/employee clicks “Expired”]

Then [products ordered by expired]

Story 24: Sort ingredients

Scenario 01: Verify that admin/employee can sort ingredients by availability.

Given [user is logged in as admin/employee]

Then [admin/employee is on ingredients page]

When [admin/employee clicks “Available”]

Then [ingredients ordered by availability]

Scenario 02: Verify that admin/employee can sort ingredients by stock.

Given [user is logged in as admin/employee]

Then [admin/employee is on ingredients page]

When [admin/employee clicks “Low on Stock”]

Then [ingredients ordered by stock]

Scenario 03: Verify that admin/employee can sort ingredients by expiration.

Given [user is logged in as admin/employee]

Then [admin/employee is on ingredients page]

When [admin/employee clicks "About to Expire"]

Then [ingredients ordered by expiration date]

Scenario 02: Verify that admin/employee can sort ingredients by expired.

Given [user is logged in as admin/employee]

Then [admin/employee is on ingredients page]

When [admin/employee clicks "Expired"]

Then [ingredients ordered by expired]

What Has Changed in User Stories

Firstly, we lost some features because we were told that they were essentially the same feature. For example, we had adding, removing, and editing user stories for employees and admins. This made a total of six stories, that now became three. Those three stories are now called edit user, add user, and remove user.

Secondly, we had to add more features to our information system, because we are required to have 8 features per team member. When we submitted our 4th delivery, we had a total of 16. We added two major features such as a messaging system and recipes that greatly increases our user story count.

Thirdly, we had to separate some user stories, because they count as different features such, they invoke different controllers, models, and views. Which means that we had to make two stories for viewing products and ingredients and another two for their respective search features.

Lastly, we changed each instance of item, and now calling it ingredient. Due to confusion from one of our team members.

Appendix 2

Admin Control

The collage displays 20 admin control panels, organized into four rows of five. Each panel includes a title, a list of actions, and an 'Add a card' button at the bottom.

Row 1:

- Login**: Select login feature, Input Credentials, Confirm Login.
- View Products**: Select Inventory, Look at products list, View products details.
- Sort Products**: Go to Inventory, Select a filter in the Advanced Search Feature, View sorted Products.
- View Ingredients**: Select Inventory, Select Ingredients link, Look at ingredients list, View ingredients details.
- Sort Ingredients**: Go to Inventory, Select Ingredients, Select a filter in the Advanced Search Feature, View sorted Ingredients.

Row 2:

- Edit a product**: Browse through products, Select product, Edit information of product, Confirm changes.
- Remove a product**: Select the product to remove, Confirm action.
- Add an item**: Select add item feature, Add Name, Add description, Add price, Add arrival date, Add arrival amount, Add image, Add Expired date, Confirm.
- Edit an item**: Browse through items, Select item, Edit information of item, Confirm changes.
- Remove an item**: Select the item to remove, Confirm action.

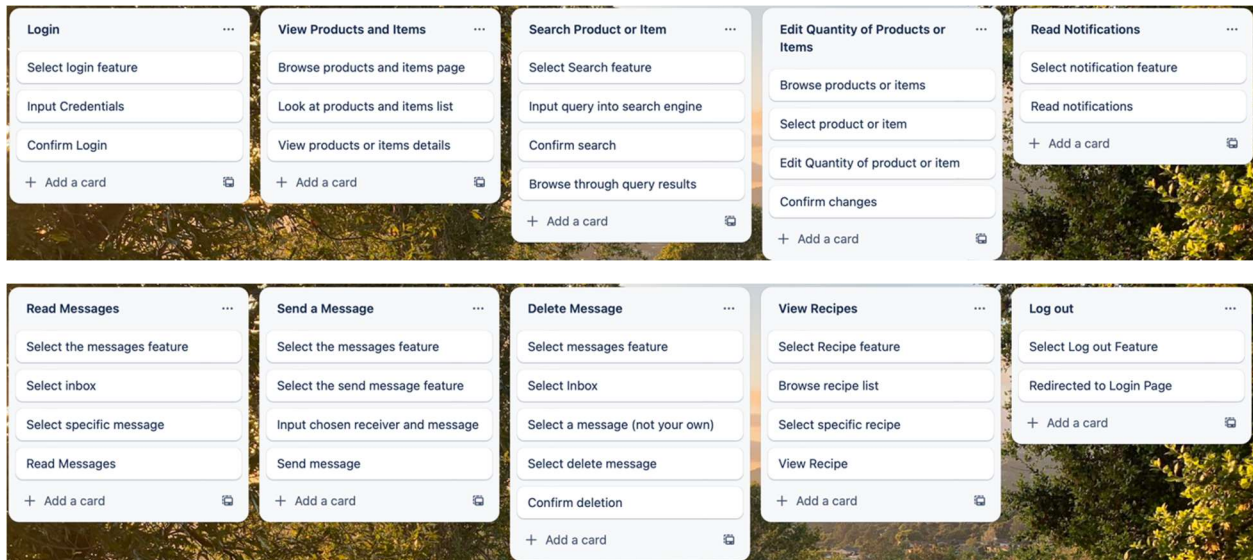
Row 3:

- Search a product or item**: Select Search feature, Input query into search engine, Confirm search, Browse through query results.
- View Notifications**: Select Notification feature, Read Notifications.
- Read Messages**: Select the messages feature, Select inbox, Select specific message, Read message.
- Write Message**: Select the messages feature, Select write message feature, Fill in the inputs.
- Delete Message**: Send message feature, Select specific message (not your own), Delete message, Confirm.

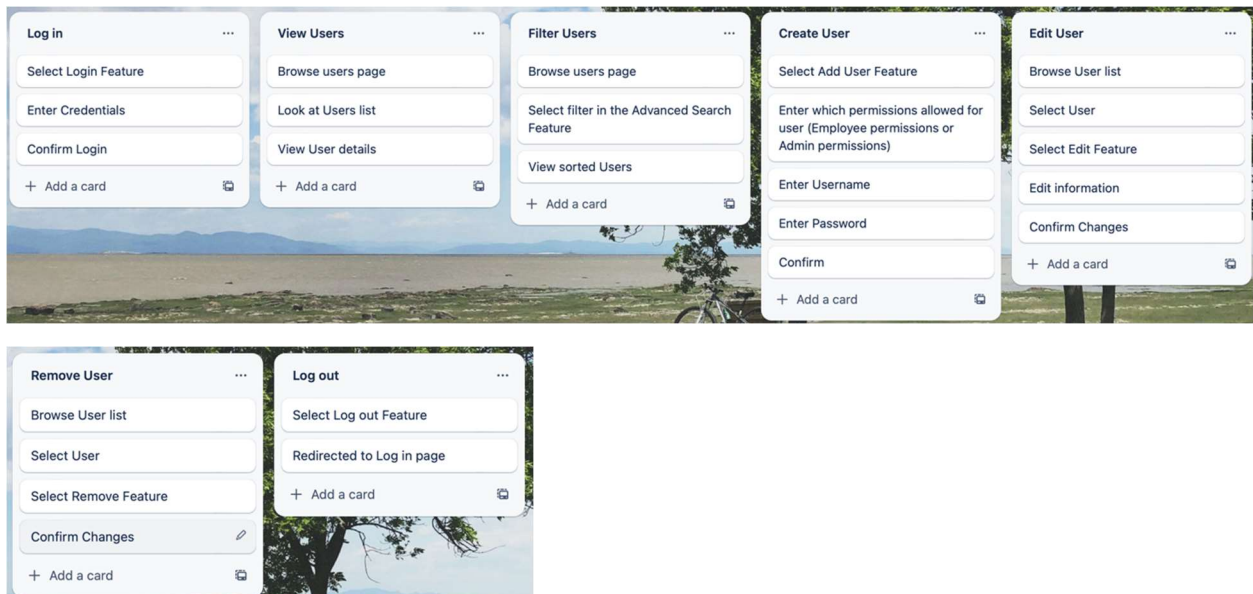
Row 4:

- View Recipes**: Select Recipe feature, Browse recipe list, Select specific recipe, View Recipe.
- Add Recipe**: Select Recipe feature, Select Add feature, Fill in form, Add product, Confirm.
- Delete Recipe**: Select Recipe feature, Select Delete Recipe, Confirm.
- Logout**: Select Log out feature, Redirected to login page.

Employee Control



IT Control



What Has Changed in the User Map

Firstly, the story maps now follow a narrative form because they all start with the first task which is logging in. While the last task is logging out. All the remaining tasks are the features each user can do, which means they are in between.

Secondly, we added the user stories from the updated appendix 1, into our 3 story maps. Which essentially, made the maps longer. The specific tasks that were newly added into the updated story map can be found below.

Changes in the map

Admin and Employee

- View products and items are now separated into two, view products and view ingredients.

We also changed the items name to ingredients to avoid confusion.

- We added a sorting option for advanced search in both the ingredients and products page.
- Read, write, and delete messages system

Admin

- View, add, remove recipes

Employee

- Can only view recipes

IT Specialist

- Filter users for advance search in the list of users

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