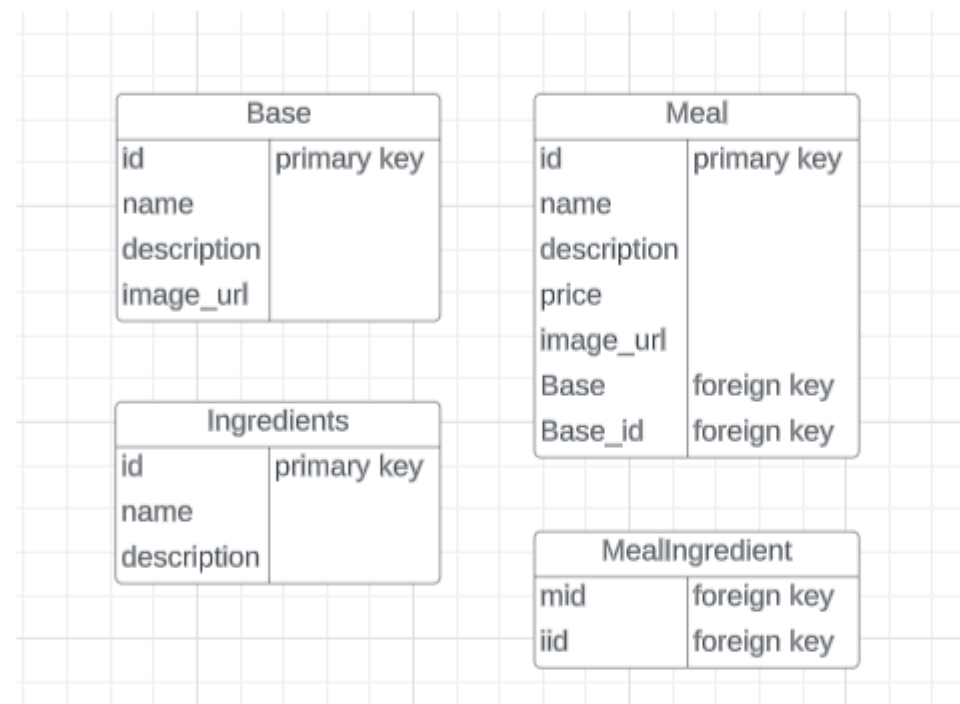# What is your project about, who is it for, what does it do.
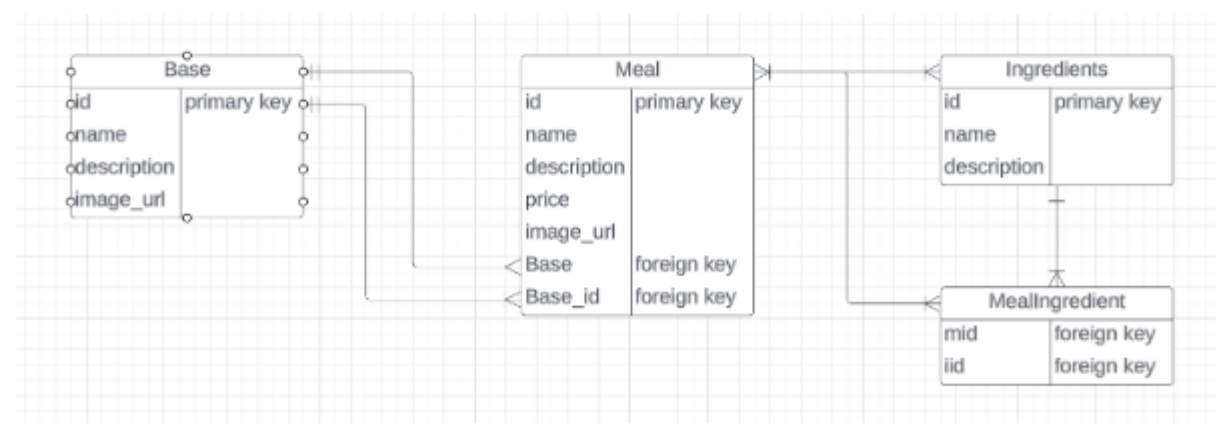
Share information about traditional Japanese food

The website is about traditional Japanese food.

This website will show different types of Japanese meals with and introduce the common meals categorised in 5 bases. The website will show images of the meals and let the user pick whatever they like or have interest in. Then it shows the details such as description, ingredients, and price of each meal. This is for the people who like Japan, and the Japanese food culture.

Before

Base	
id	primary key
name	
description	
image_url	

Meal	
id	primary key
name	
description	
price	
image_url	
Base	foreign key
Base_id	foreign key

Ingredients	
id	primary key
name	
description	

MealIngredient	
mid	foreign key
iid	foreign key

After

Base	
id	primary key
name	
description	
image_url	

Meal	
id	primary key
name	
description	
price	
image_url	
Base	foreign key
Base_id	foreign key

Ingredients	
id	primary key
name	
description	

MealIngredient	
mid	foreign key
iid	foreign key

In the database diagram, I have added the relationships to represent many to many relationships between each table. The lines and arrows connect two tables and tell us that things from one table can connect to things in another table, and vice versa.

Website layout and design including fonts & colours

Layout:
The website will have a clear and simple layout with easy navigations.

design:
The website is about Japanese food, so I will design the webpage to make it relate to Japan and Japanese food culture.
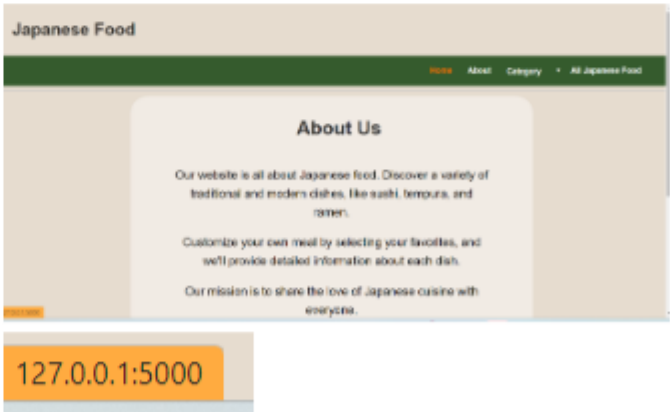Show different meals with pictures and description

colour:
I'll make the colour of the website easy to see and make it relate to Japan. I will use a simple colour for my background and make it accurate by considering the combination of colours.
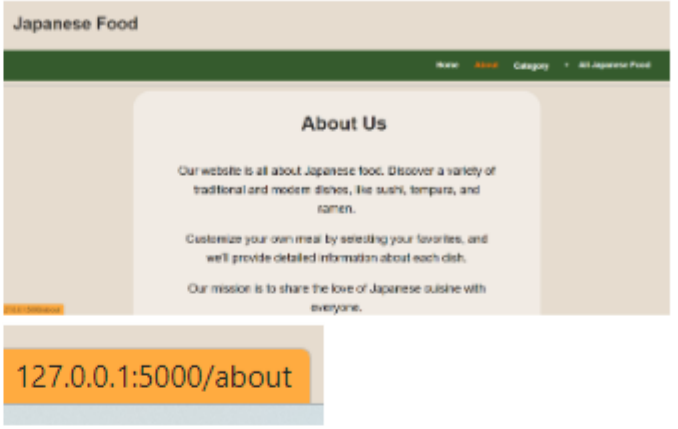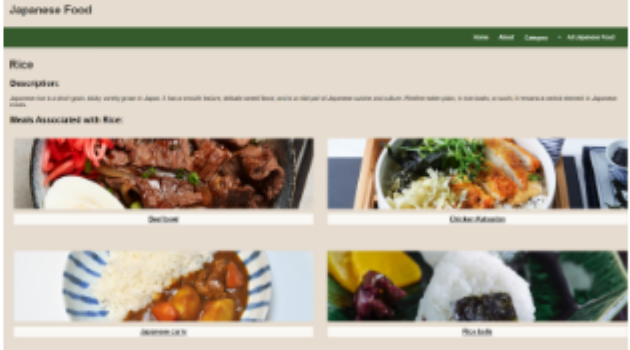
Feedback from other people.

What is the part in my website you think could be improved?	What I changed.
There should be a more accurate background colour for each page, and better designs, size. The design is currently poor and doesn;t look like this is related to Japan.	I made some improvements for my design, mainly the background for each page in my document. I change the background colour so that it relates to Japanese culture and food. I used several colours and used combinations of colour to make it look more accurate for each page in my website.
The font size for each page is quite different and it is not accurate.	I adjusted the font size to improve the visual and make it easier to read. I made the h1 big and clearly showing on the top middle of the page so the user can know what the page is about.
The nav bar should have colour and the design could be improved.	I made the nav bar look better. I changed the colour considering the relation to the Japanese culture and other colours used in the page. I also changed the footer background colour that matched the background of the main part for each page. I made the footer very simple and clear by not containing lots of information and made it look good.
The navigation could be improved. Nav bar can be improved. It will be good if the images or the links that I can click on are more obvious.	I added a hover effect for many places such as each section for the nav bar, meal images that are clickable, and the meal names. This ensures that the user recognises the parts in the website that are clickable and not.

Content layout of the meals are a little bit confusing on all Japanese food pages.	To make the meal images in the "All Japanese Food" section look better, I put each meal inside a box-shaped container. Inside that box, I added the name of the meal, so you can easily tell what each meal is just by looking at it. This makes it much clearer and more organised for anyone browsing through the Japanese food options on the website. Also, I changed the layout of the Japanese food page where it shows up when you click on the image of the meal. It contains detailed information in it and it was challenging because the length of each meal's information differs. So I made the details display in the middle of the page.

Relevant implications

What?	How?	Expected?	Get?	Notes P/D
Testing does the website show up when I run the code.	Put this in the address bar when I run the code to check my website is running. http://127.0.0.1:5000	I expect to get the website running and the home page showing up.	I got the home page showing up correctly. 	Proofed
The home page shows up when I click on the Home in the nav bar.	By clicking on the Home in the nav bar.	Expected to get the home page when I clicked on the Home in the nav bar.	 I got the home page showing up correctly.	P

				P
The page shows up when I click on the Home in the nav bar.	By clicking on the about in the nav bar.	Expected to get the about page opened when I click on the about in the nav bar.	Japanese Food About Us Our website is all about Japanese food. Discover a variety of traditional and modern dishes, like sushi, tempura, and ramen. Customize your own meal by selecting your favorites, and we'll provide detailed information about each dish. Our mission is to share the love of Japanese cuisine with everyone. `127.0.0.1:5000/about` I got the about page showing up correctly.	P

Check each base in the Category drop down is working currently.	By clicking each base to test it works and shows up correctly.	Expected to get a page opened when I click on the base and each page is different to others and it displays the right things in the page open. This means when I click on the Rice from the Category, It opens up the page that is about the rice base.	Home About Category ▲ All Japanese Food
			Rice
			Noodles
			Deep Fried Food
			Seafood
			Wagashi
			
			`127.0.0.1:5000/#`
			
			This image above is when I hover above the category in the nav bar. It shows up the bases in the drow down section.
			
			Japanese Food
			Rice
			Description:
			Meals Associated with Rice:
			
			`127.0.0.1:5000/base/1`
			
			This is the Rice base page showing up correctly.
				P
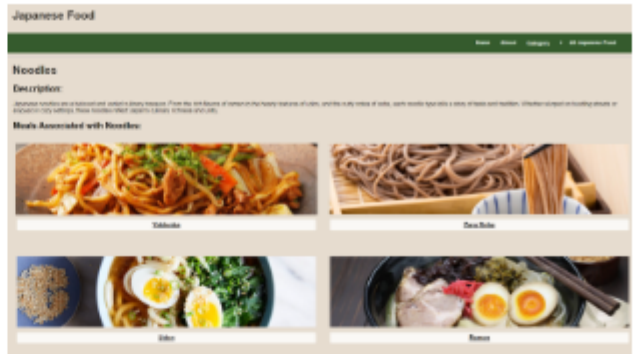
127.0.0.1:5000/base/2

This is the Noodles base page showing up correctly.
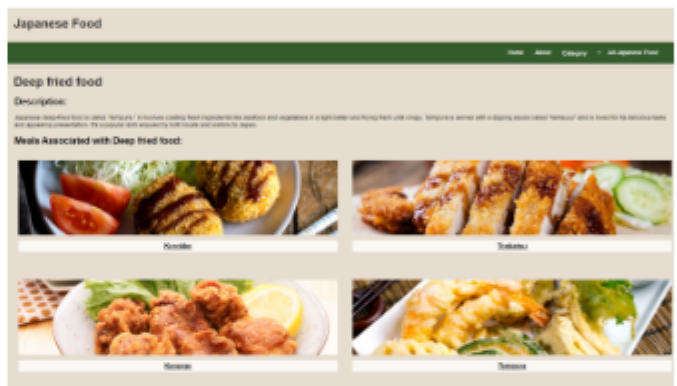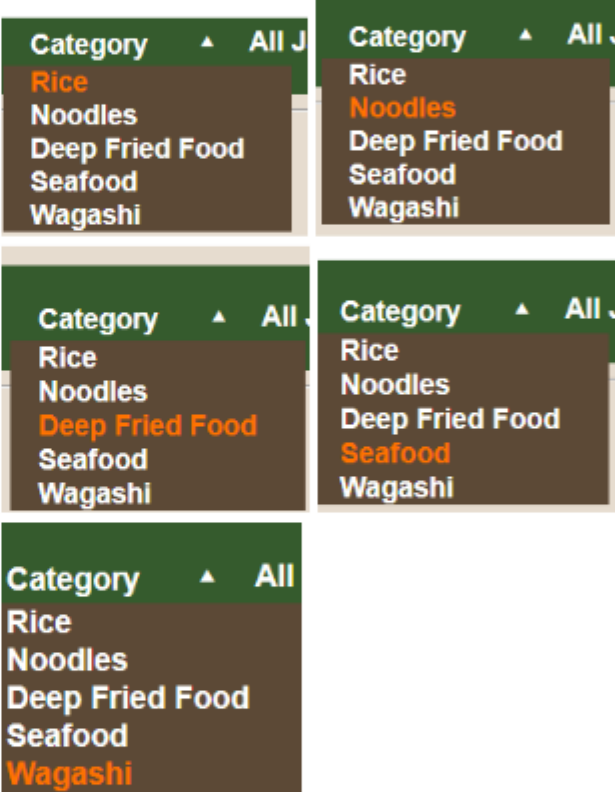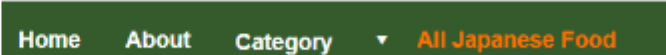

127.0.0.1:5000/base/3
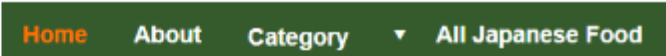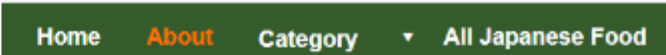
This is the Deep Fried Food base page showing up correctly.
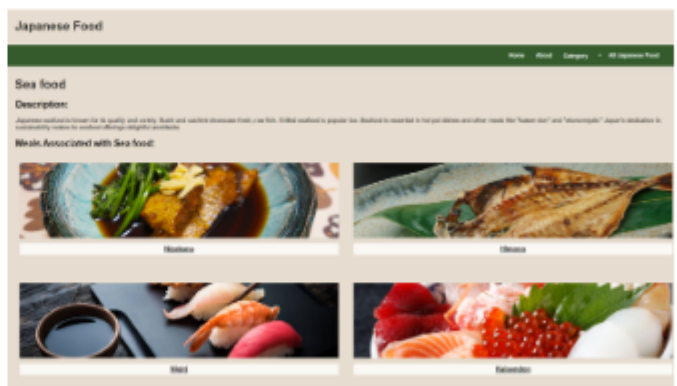
127.0.0.1:5000/base/4

This is the Seafood base page showing up correctly.

127.0.0.1:5000/base/5

This is the Wagashi base page showing up correctly.

	id	name
1	1	Rice
2	2	Noodles
3	3	Deep fried food
4	4	Sea food
5	5	Wagashi

This is my nase table data. This shows the id is correct for each base.

So all of the base pages are working correctly.

Testing the all Japanese food page is working correctly.	By clicking on the All Japanese Food in the nav bar. Checking the all Japanese food page is working.	Expect to get All Japanese Food page when I click on that colon on the nav bar.	The all Japanese Food page is showing up correctly.	P

| Testing the navbar hover is working. | By hovering above the nav bar for each section, Home, About, Category, All Japanese Food. | Expected to get the orange colour when I hover above each place. |

This is when I hover above Home.

This is when I hover above About.

This is when I hover above the Category.

These are each time when I hover above the bases, which are Rice, Noodles, Deep Fried Food, Seafood, Wagashi.

This is when I hover above the All Japanese Food.

All of the sections in my nav bar are correctly changing colour when I hover above them. | P |
| In my home page, checking | By clicking on the link in the home page. | Expected to open the all Japanese food page. |

Click on the blue part where it is written See All | P |

the link that opens up All Japanese Food is working.			Japanese Food. 127.0.0.1:5000/all_Japanese_food This is shown when I hover above this link. And I got the all Japanese food page.	
Error Handling	Entering incorrect URLs, submitting empty forms.	Expected to get the 404 error page.	Putting the id 0 in which does not exist. 127.0.0.1:5000/0 127.0.0.1:5000/base/0 Putting the id 0 in which does not exist. Sorry, I looked everywhere but I can't find that Japanese food 404 Page not found I get the error page.	P
In the Rice base page, test the images displaying the right meal.	Test by hovering, and clicking on the image of rice based meals.	Expected to display the right meal when clicked on that image.		P

1	1 Beef bowl
2	2 Chicken Katsudon
3	3 Japanese curry
4	4 Rice balls

This is my Meal table data, and it matches the meal id.

127.0.0.1:5000/Japanese_food/1

This link is when I hover above the Beef bowl image. The id is correct.

Japanese Food

Home   About   Category   •   All Jap
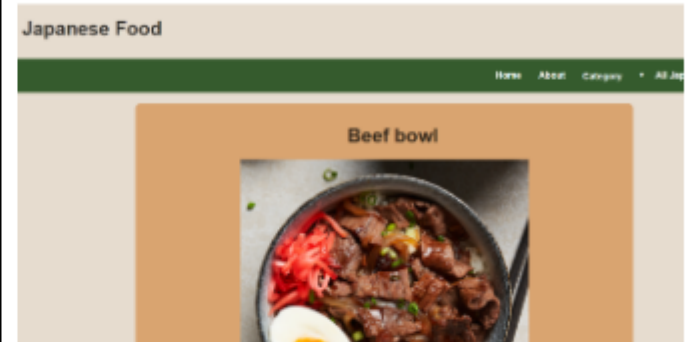
Beef bowl

The beef bowl page showed up correctly.

127.0.0.1:5000/Japanese_food/2

This link is when I hover above the Chicken Katsudon image, correct id.

Japanese Food

Home   About   Category   •

Chicken Katsudon
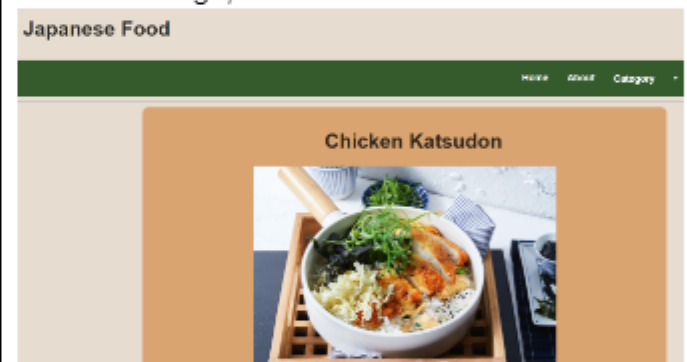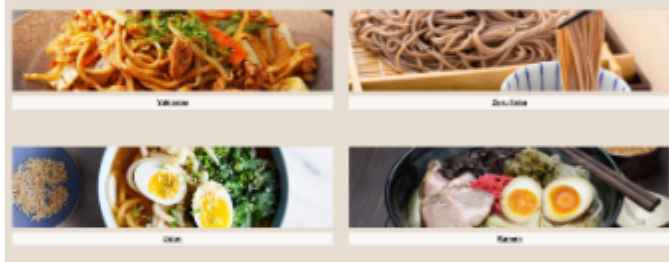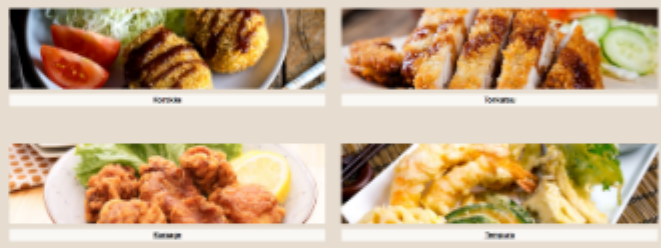
I got to the right page.

127.0.0.1:5000/Japanese_food/3
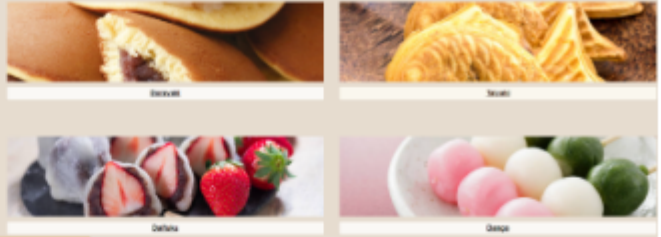
Link when hovering above Japanese curry image, correct id.

Japanese Food

Home   About   Category   •

Japanese curry

			I got to the right page. `127.0.0.1:5000/Japanese_food/4` When I hover above the rice balls image, correct id. **Japanese Food** Home About Category ▾ **Rice balls** Correct image. All of the images in the Rice base page are displaying the right image.	

In the Noodles base page, test each of the images displaying the right meal.	Test by hovering, and clicking on the image of the images displayed in this page.	Expected to display the right meal when clicked on that image.	**Meals Associated with Noodles:**
			
			5 5 Yakisoba
			6 6 Zaru Soba
			7 7 Udon
			8 8 Ramen
			
			This is my Meal table data, and it matches the meal id.
			
			`127.0.0.1:5000/Japanese_food/5`
			
			This shows up when I hover above the yakisoba image, the id is correct and it opens up the right yakisoba meal page when I click on the image.
			
			`127.0.0.1:5000/Japanese_food/6`
				P

| | | | This shows up when I hover above the Zaru soba image, the id is correct and it opens up the right Zaru soba meal page when I click on the image.

127.0.0.1:5000/Japanese_food/7

This shows up when I hover above the Udon image, the id is correct and it opens up the right udon meal page when I click on the image.

127.0.0.1:5000/Japanese_food/8

This shows up when I hover above the Ramen image, the id is correct and it opens up the right ramen meal page when I click on the image.

Overall, the Noodles base page images are working correctly. | |
| In the Deep Fried Food base page, test each of the images displaying the right meal. | Test by hovering, and clicking on the image of the images displayed in this page. | Expected to display the right meal when clicked on that image. | **Meals Associated with Deep fried food:**

9   9 Korokke
10   10 Tonkatsu
11   11 Karaage
12   12 Tempura

This is my Meal table data, and it matches the meal id. These are the meals categorised as deep fried food.

127.0.0.1:5000/Japanese_food/9
127.0.0.1:5000/Japanese_food/10
127.0.0.1:5000/Japanese_food/11
127.0.0.1:5000/Japanese_food/12

From the top, Korokke, Tonkatsu, Karaage, Tempura.
It showed the right link for each meal categorised as deep fried food. And all matches the id in the | P |

			database.	
In the Seafood base page, test each of the images displaying the right meal.	Test by hovering, and clicking on the image of the images displayed in this page.	Expected to display the right meal when clicked on that image.	Meals Associated with Sea food: 13 — 13 Nizakana 14 — 14 Himono 15 — 15 Nigiri 16 — 16 Kaisendon This is one of the parts in my Meal table in my database. It shows the id of each meal categorised as seafood. 127.0.0.1:5000/Japanese_food/13 127.0.0.1:5000/Japanese_food/14 127.0.0.1:5000/Japanese_food/15 127.0.0.1:5000/Japanese_food/16 These are the links when I hover above each image. The image that I hover above is, from the top, Nizakana, Himono, Nigiri, Kaisendon. Each image showed the correct meal id and it all opened up the correct meal page for each.	P

				P
In the Wagashi base page, test each of the images displaying the right meal.	Test by hovering, and clicking on the image of the images displayed in this page.	Expected to display the right meal when clicked on that image.	 | 17	17 Dorayaki
18	18 Taiyaki
19	19 Daifuku
20	20 Dango	 This is one of the parts in my Meal table data in my database. It shows the id of each meal, categorised with wagashi. 127.0.0.1:5000/Japanese_food/17 127.0.0.1:5000/Japanese_food/18 127.0.0.1:5000/Japanese_food/19 127.0.0.1:5000/Japanese_food/20 These are the links when I hover above each image. The image that I hover above is, from the top, Dorayaki, Taiyaki, Daifuku, Dango.	
In the all Japanese food, test all of the images are working properly.	My hovering above each image and opening them up to check if it is working.	Expected to show the right link when I hover above each image that links to the page with the same meal shown on the image I click on.		P

This is all Japanese food page.

1	1	Beef bowl
2	2	Chicken Katsudon
3	3	Japanese curry
4	4	Rice balls
5	5	Yakisoba
6	6	Zaru Soba
7	7	Udon
8	8	Ramen
9	9	Korokke
10	10	Tonkatsu

11	11	Karaage
12	12	Tempura
13	13	Nizakana
14	14	Himono
15	15	Nigiri
16	16	Kaisendon
17	17	Dorayaki
18	18	Taiyaki
19	19	Daifuku
20	20	Dango

This is the Meal table data. The link that shows up when I hover above that meal's image has to have the same id as this. All of the meal images had the right id that matches the database, and All of them are clickable and display the correct page.

			Japanese Food Home About Category ▾ All Japanese Food **Japanese curry** Japanese Food Home About Category ▾ All Japanese Food **Rice balls** Japanese Food Home About Category ▾ All Japanese Food **Yakisoba** Japanese Food Home About Category ▾ All Japanese Food **Zaru Soba** Japanese Food Home About Category ▾ All Japanese Food **Udon**	

Japanese Food

Home   About   Category   ▾   All Japanese Food

Ramen

Japanese Food

Home   About   Category   ▾   All Japanese Food

Korokke

Japanese Food

Home   About   Category   ▾   All Japanese Food

Tonkatsu

Japanese Food

Home   About   Category   ▾   All Japanese Food

Karaage

Japanese Food

Home   About   Category   ▾   All Japanese Food

Tempura

Japanese Food

Nizakana

Description:

Japanese Food

Himono

Description:

Himono is a traditional Japanese method of preparing fish by drying it under the sun.

Japanese Food

Nigiri

Japanese Food

Kaisendon

Japanese Food

Dorayaki

			Japanese Food — Taiyaki Japanese Food — Daifuku Japanese Food — Dango All of the Meals are showing properly when I click on each images from all Japanese food.	
Testing hover effect is working on each base page.	On each base pages, hover above the image and the name of the meal to check does the hover effect works.	Expected to work. When I hover above the image of meals, the image should become a little bit bigger as an effect. For the names of each meal, the colour of the names will change.	**Rice base** This is when I hovered above the beef bowl image. It became bigger, and all of the images did the same thing correctly. I tested each image on this page. **Beef bowl**	P

This is when I hover above the meals name and it changes the colour, so it means this page is working properly. I

Noodles base

This is when I hover above the yakisoba and the hover effect works.

And as same as the names, the hover effects worked properly for this page too.
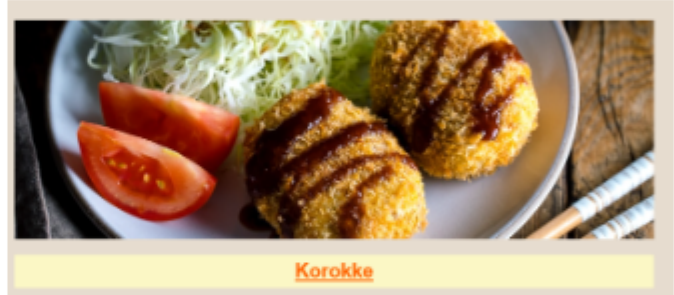I tested all the images and all the names to make sure they all have hover effects.

Deep Fried Food base

The hover effect on each of the deep fried images works properly.

The hover effects for the name of the deep fried food also worked properly for all of them.
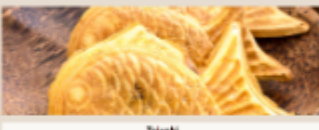
Seafood

Hover effects of all images of seafood page works.

			Nizakana And all of the names have the hover effect working properly. **Wagashi** Meals Associated with Wagashi: Hover effects of all images of wagashi page works. Dorayaki And all of the names have the hover effect working properly. All working properly.	
Testing all Japanese food page hover effects.	Hover above the container for each meal.	Expected to get the hover effect on all of the meals with the container.	 Explore Delicious Japanese Cuisine Beef bowl · Chicken Katsudon The hover effect for the meal container works properly and this is applying to all of the containers that contain all of the meals.	P
Checking each meal page is getting the right	Opening each meal page and comparing it with the	Expected for the information on each meal page and the database matches.	Beef bowl.	P

information.	database to make sure the right things are showing up.		 Beef bowl A Japanese beef bowl, or "Gyudon," is a comforting dish featurin... Correct information of the description. I have checked all of the meals to make sure it matches my database. For the ingredients: This image below is the MealIngredient table data. | mid	iid
1	1	1
2	1	2
3	1	3
4	1	4
5	1	5
6	1	6
7	1	7 | And this below is the ingredient table data. | 1	1 Rice
2	2 Onion
3	3 Beef
4	4 Soy Sause
5	5 Salt
6	6 Garlic
7	7 Ginger	 The things in here match the things showing on	

			the Beef bowl meal page. All of the meals have the same way to display the information on its own page and I checked all of them to make sure they have the right information.	

Relevant implications.
-   Future proofing

One of the main strengths of my Japanese food website is its future proof design. This means that this website is not just a static collection of Japanese food images and information. It's built to seamlessly accommodate growth and change. The website can easily grow and add more meals. Users can get the latest information on Japanese meals. Instead of fixed content, the city uses a system that allows easy updates. New Japanese meals, images, and descriptions can be added quickly. So, the menu changes could be always up to date. Therefore my Japanese food website is future-proof, allowing us to make quick changes and additions to enhance the user experience.

-   cultural

This Japanese food website respects and celebrates Japanese culture. I wanted to convey the importance of Japanese food and its culture. I'm from Japan, so I took the opportunity to learn more about traditional cuisine and the dishes that Japanese people often eat. My website is not only about food, but also about sharing Japan's rich culture. The goal of this website is for you to learn about Japan's cultural heritage while enjoying delicious food. I am dedicated to preserving and sharing Japanese culture through our site, and providing fun and educational experiences for people who love Japan.

HCI -
-   Visibility of system status;

On my website, I aimed to keep things clear and easy to understand for users. I made sure that the elements indicating what's happening are visible and easily recognizable. So, the users can quickly understand where they are on the website and what actions they can take.

-   Aesthetic and minimalist design;

I wanted my website to have a simple appearance, related to the attractive way Japanese food is presented. I focused on showing 20 well-known Japanese meals and kept the design as simple as possible. Users can click on a meal that is clearly represented on the page to get the information about it without any distractions.

2 relevant implications for database

Usability

- I designed the database to be easy to use, to make sure users can easily find meals that are interesting to them. Letting the user know about ingredients used, and explore Japanese food culture without unnecessary distractions. The information is logically organised that makes it easy for users to move around and have a good time while using the website, which makes people want to stay and explore the web more.

Functionality

- I designed the database to be efficient, especially when managing many meals and ingredients through these connections. This design allows users to easily search for meals of interest, even when the database contains a huge amount of information. Efficiency is an important part of database design, providing a great experience for users and making it easy to add details to your website. People can trust this website because it provides fast and accurate results every time you add content, making it a reliable place to explore Japanese cuisine.