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**SINGAPORE**

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During our process of developing **HawkerSG**, our team encountered several significant changes and iterations as the project progressed.

In the early stages, our UI mockups were created using Canva, and at that time, our understanding of user interface and experience design was still developing. As we learned more about practical UX principles, responsive layout considerations, and the technical constraints of implementing interfaces with React and TailwindCSS, many original design ideas had to be refined or entirely reworked.

An example would be reusable “Card” components in React which we learnt could be reproducible and made it easier to work with. Originally, we designed individual panels in Canva but as we learnt more, we realised we should use “Cards” for multiple of our features to make the UI more consistent. This led us to redesign multiple screens like the Browse Page, Home Page carousel, Reviews section, etc.

Eventually, as our technical knowledge grew and our backend and frontend components became more defined, we revisited and improved our mockups to align with realistic development requirements. This included restructuring some screens, simplifying certain user flows, and ensuring consistency across pages. These changes allowed us to create a more cohesive, functional, and implementable design that better reflected the actual capabilities of our system.

We split into two teams to do the code. We had one team of 3 do Frontend, the remaining 3 to do Backend. We arranged to discuss between the group as well as the sub-group frequently to make sure we have the necessary and up to date information to work on our code with good progress.

Even though we had 2 teams of Frontend and Backend, each member from the two subgroups also learnt their fair share of Fullstack during the process, since we need to know the basics of how Frontend and Backend communicate to function as a whole.

Through this process, we learned valuable team lessons, including the importance of early planning for data models, consistent communication across frontend and backend teams, and the need to adapt quickly when designs do not translate cleanly into code.

The following are some UI Mockups that we completely redesigned to show our progression:

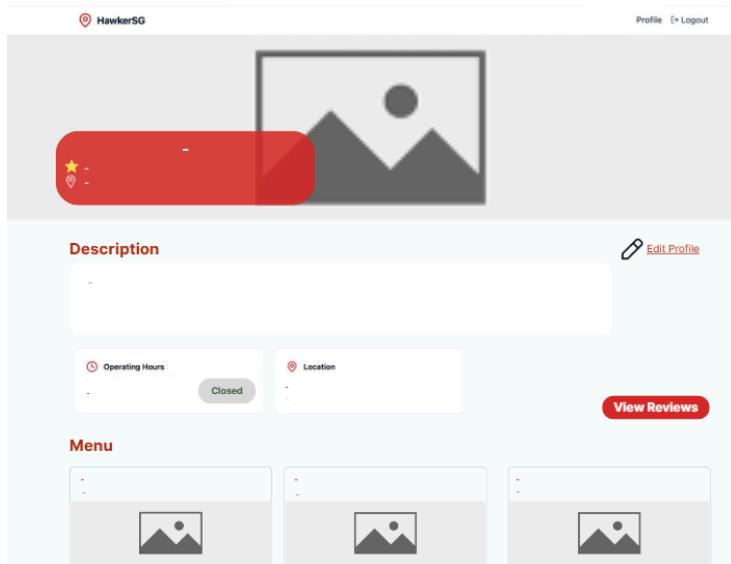
# UI Mockup Previous Versions (Prototyping)

Updating stall information:

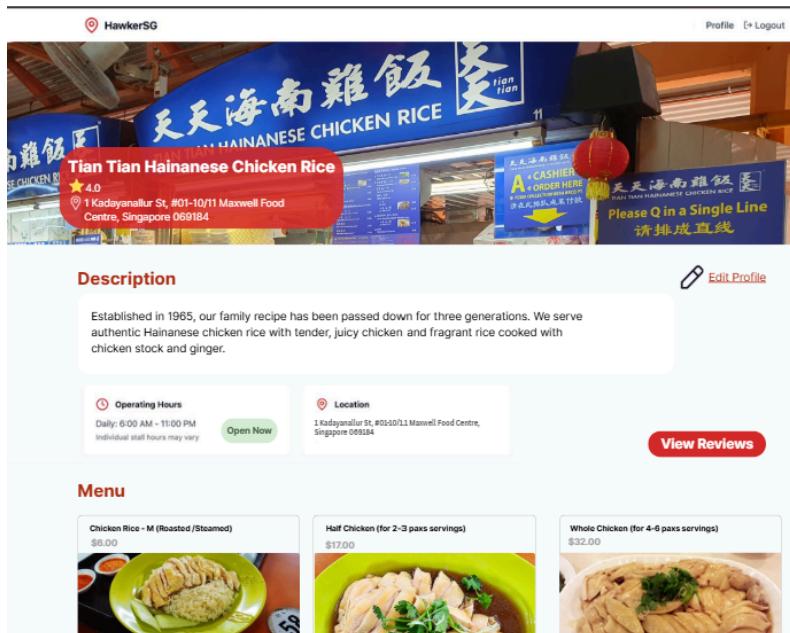
For this, we decided to split this into Tabs for organisation and accessibility for the UI aspect.

Originally, we had intended to use a “form” for the Business Owner to fill and populate their Stall Profile. However, we decided that it was too rigid and more difficult for our Business Owner to understand. We made it clearer by organising and separating the different Business Information into Tabs, so that they can edit one at a time.

## Before Filling in the Stall Information:



## After Filling in the Stall Information:



## Form to fill Stall Information:

### Singapore Hawker Stall Registration

Register your hawker stall information

#### ★ Stall Information

##### Stall Name

Tian Tian Hainanese Chicken Rice

##### Stall Photo

Choose file Tian-Tian-Hainanese-Chicken-Rice.jpg



##### Stall Description

Established in 1965, our family recipe has been passed down for three generations. We serve authentic Hainanese chicken rice with tender, juicy chicken and fragrant rice cooked with chicken stock and ginger.

#### ⌚ Operating Hours

##### Monday

10:00 AM - 8:00 PM

##### Tuesday

10:00 AM - 8:00 PM

##### Wednesday

10:00 AM - 8:00 PM

##### Thursday

10:00 AM - 8:00 PM

##### Friday

10:00 AM - 8:00 PM

##### Saturday

10:00 AM - 9:00 PM

##### Sunday

10:00 AM - 8:00 PM

#### Peak Hours

Lunch: 12:00 PM - 2:00 PM, Dinner: 6:00 PM - 8:00 PM

#### ㉓ Menu & Prices

Add Menu Item

Dish Name	Price (\$\$)
Hainanese Chicken Rice	4.50

Remove



Dish Name	Price (\$\$)
Roasted Chicken Rice	5.00

Remove



Dish Name	Price (\$\$)
Chicken Curry Rice	5.50

Remove



Save Stall Information

# After (Final Product):

## Edit Stall Profile Tab:

 HawkerSG Logout

**Business Profile**  Consumer View Preview

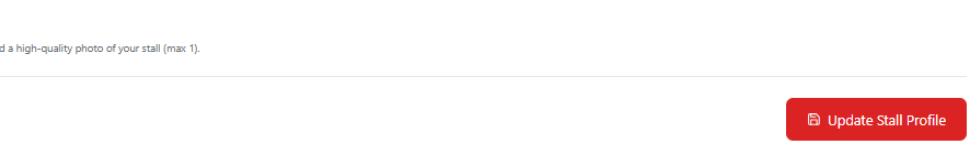
[Overview](#) [Stall Profile](#) [Menu](#) [Operating Hours](#) [View Reviews](#)

**Stall Profile**

Stall Name \*  Cuisine Type \*

Stall Location \*

Description

Stall Photo   
Add a high-quality photo of your stall (max 1).

 HawkerSG

Update Stall Profile

## Edit Menu:

 HawkerSG Logout

**Business Profile**  Consumer View Preview  
Manage your stall presence on HawkerSG

 Overview  Stall Profile  **Menu**  Operating Hours  View Reviews

---

**Menu Management**  Add Menu Item

**Menu Item 1** 

Item Name *	Description
<input type="text" value="Enter item name"/>	<input type="text" value="Describe this item..."/>
Price (\$\$) *	Photo (Optional)
<input type="text" value="0"/>	<div style="border: 1px dashed #ccc; padding: 5px; text-align: center;"> Add Photo</div>

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 Update Menu

## Edit Operating Hours:

 HawkerSG Logout

**Business Profile**  
Manage your stall presence on HawkerSG 

[Overview](#) [Stall Profile](#) [Menu](#) [Operating Hours](#) [View Reviews](#)

**Operating Hours** Close Stall:

Day	Status	From:	To:	Action
Monday	<input checked="" type="checkbox"/> Open	10:00 am	08:00 pm	<a href="#">Copy to all</a>
Tuesday	<input checked="" type="checkbox"/> Open	10:00 am	08:00 pm	<a href="#">Copy to all</a>
Wednesday	<input checked="" type="checkbox"/> Open	10:00 am	08:00 pm	<a href="#">Copy to all</a>
Thursday	<input checked="" type="checkbox"/> Open	10:00 am	08:00 pm	<a href="#">Copy to all</a>
Friday	<input checked="" type="checkbox"/> Open	10:00 am	08:00 pm	<a href="#">Copy to all</a>
Saturday	<input checked="" type="checkbox"/> Open	10:00 am	08:00 pm	<a href="#">Copy to all</a>
Sunday	<input checked="" type="checkbox"/> Open	10:00 am	08:00 pm	<a href="#">Copy to all</a>

**Quick Actions**

[Set All: 10:00 - 20:00](#) [Close Sundays](#) [Weekend Extended](#)

 [Save Hours](#)

## View Reviews

HawkerSG Logout

**Business Profile**  
Manage your stall presence on HawkerSG [Consumer View Preview](#)

[Overview](#) [Stall Profile](#) [Menu](#) [Operating Hours](#) [View Reviews](#) [Consumer View Preview](#)

**0.0** 0 reviews

Filter: All 5★ 4★ 3★ 2★ 1★ Sort: Most recent

Filter	Count
5★	0
4★	0
3★	0
2★	0
1★	0

**Reviews** Showing 0 items

No reviews found for the selected filters.

## Consumer view Preview

The image shows a consumer view of a HawkerSG listing for "Phawo Thai Food". The listing is located in "Yishun Park Hawker Centre". The HawkerSG logo is displayed with a red location pin icon. The listing includes the name "Phawo Thai Food", a star rating of "N/A (0 reviews)", a category of "Thai", operating hours from 10:00 to 20:00, and a status of "Open Now". The address is listed as "51 YISHUN AVENUE 11 #01-31, Yishun park hawker centre, Singapore 768867 at Yishun Park Hawker Centre". Below the listing, there is a "Description" section which is currently empty. To the right of the listing, there is a "Menu" section with a message "Menu information not available" and a "Reviews (0)" section with a message "No Reviews Yet" and a call to action "Be the first to share your experience!". A red button at the bottom right corner says "View more details".

Yishun Park Hawker Centre / Phawo Thai Food

**HawkerSG**

**Phawo Thai Food**

★ N/A (0 reviews) • Thai

● Operating Hours: 10:00 – 20:00 **Open Now**

51 YISHUN AVENUE 11 #01-31, Yishun park hawker centre, Singapore 768867 at Yishun Park Hawker Centre

**Description**

**Menu**

Menu information not available

**Reviews (0)**

No Reviews Yet

Be the first to share your experience!

View more details

## Near Me:

Initially, we have prefilled filters for the Consumers regardless of whether they allowed “Live Location”. However, we decided that it would be cleaner and neater to only show the prefilled filters for Consumers when they do not want to share their “Live Location”.

## Unchanged when Consumer do not allow Live Location:

The screenshot shows the HawkerSG website interface. At the top, there is a search bar with placeholder text "Search hawker centers or stalls...". To the right of the search bar are navigation links: "Browse", "Near Me" (which is highlighted with a red oval), "Profile", and "Logout". A prominent black location permission dialog box is overlaid on the page. It contains the text "www.hawkersg.com is asking you to" followed by "Know your location" and a dropdown menu for "Remember my decision". Below this, it says "This site has requested your precise location. Brave will only be able to provide general location data due to Location Services being disabled. Learn more". At the bottom of the dialog are "Block" and "Allow" buttons. In the background, there are tabs for "Chinatown", "Marina Bay", "Orchard", and "Bugis". Below these tabs, there are buttons for "Hawker Centers (0)" and "Stalls (0)". On the right, there is a "Sort by: Rating" dropdown. The main content area displays a large "No Hawker Centers Nearby" message with a magnifying glass icon, followed by the subtext "Try increasing the search radius".

## Before:

The screenshot shows the HawkerSG website interface. At the top, there is a search bar with placeholder text "Search hawker centers or stalls...". To the right of the search bar are navigation links: "Browse", "Near Me" (which is highlighted with a red oval), "Profile", and "Logout". Below the search bar, the heading "Hawkers Near You" is displayed, with the subtext "Discover great food options in your area". A location dialog box shows "Current Location: Chinatown" with a "Chinatown" button highlighted in red. Below this, there are buttons for "Radius: 5 km" and "Sort by: Distance". In the background, there are tabs for "Tiong Bahru", "Chinatown", "Marina Bay", "Orchard", and "Bugis". Below these tabs, there are buttons for "Hawker Centers (2)" and "Stalls (180)". On the right, there is a "Sort by" dropdown menu with options: "Rating", "✓ Name", "Price", and "Reviews". The main content area displays two cards: "Maxwell Food Centre" (4.2 stars) and "Lau Pa Sat" (4.5 stars). Each card includes a thumbnail image, the name, address, and a brief description.

Location	Name	Rating	Description
Chinatown	Maxwell Food Centre	4.2	1 Kadayanallur St, Singapore 069184 Famous hawker center in Chinatown known for Tian Tian Hainanese Chicken Rice
Chinatown	Lau Pa Sat	4.5	18 Raffles Quay, Singapore 048582 Historic Victorian market building offering diverse local cuisine

**After:**

 HawkerSG

Search hawker centers or stalls...

Browse ⌂ Near Me Login Sign Up

## Hawkers Near You

Discover great food options in your area

📍 Current Location: Sengkang

Radius: 2 km Sort by: Distance

[Hawker Centers \(1\)](#) [Stalls \(26\)](#)



2.0 km

**Fernvale Hawker Centre & Market**  
Blk 21, Sengkang West Avenue, Fernvale Community Cl...  
A bright and family-friendly market offering both fresh produce and tasty hawker food.

26 stalls • Open daily

## Search (Stalls Tab):

Previously, we wanted to filter for Price Range but realised that Hawker Stalls might sell different products with a huge price range. This made it difficult to pinpoint one price range for a stall. Hence, we decided to remove that filter completely to make it more consistent and not confuse Consumers.

### Before:

The screenshot shows the HawkerSG website interface. At the top, there is a search bar with placeholder text "Search hawker centers or stalls...". To the right of the search bar are navigation links: "Browse", "Near Me", "Profile", and "Logout". Below the search bar, there are two tabs: "Hawker Centers (123)" and "Stalls (3001)", with "Stalls" being the active tab. Underneath the tabs, there is a "Filters" section. The filters include dropdown menus for "Cuisine" (set to "Chinese"), "Price Range" (set to "Any Price"), "Min Rating" (set to "4.8 ★"), and "Status" (set to "Open Now"). Below the filters, there are two stall cards. The first stall is "Tian Tian Hainanese Chicken Rice", which is Chinese cuisine, has a rating of 4.9 (1247 reviews), and is famous for being featured in international media. The second stall is "Zhen Zhen Porridge", which is Chinese cuisine, has a rating of 4.8 (432 reviews), and serves traditional Teochew porridge with various accompaniments. Both stalls are located at Stall #01-25 and operate from 10:00 - 20:00.

### After:

The screenshot shows the same HawkerSG website interface as before, but with a key difference: the "Price Range" filter has been removed from the "Filters" section. The rest of the interface remains identical, including the tabs, the list of stalls, and their details.