

Order Easy

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Conceptual Design Internal
Tessa Sinteur, Gabi Horo, Rylee May

Research into current situation

Through our own observations and interviews with our end users, we believe there is a need for our product in the St Hilda's school community. The canteen lines regularly become very long due to inefficiencies with payment methods, student indecisiveness and high demand for canteen products. This leads to students arriving late to class after break times and a subsequent loss in time to socialise and attend tutorials. Due to the recent COVID 19 pandemic outbreak, the importance of ensuring hygienic, efficient and predominantly contactless interactions is more paramount than ever before. This website would ensure that students, staff and the canteen business would be satisfied and confident in their procedures.



Users at St Hilda's affected	Frustrations	
Staff #1	Students are late to class	Students eating canteen food when the class has started
Student #1	Late to class and does not have enough time to collect books etc during break times	Spends the majority of break times waiting inline
Student #2	Frustrated that it is unknown what the canteen will have for sale/what will be left	
Student #3	Has to ask parents for cash/use own card.	Wants flexibility of whether she or her parent pays for canteen food
Student #4	Feels like she misses out on socialising with her friends during break times	Has lots of (I Owe Yous) with her friends
Student #5	Sometimes doesn't eat lunch as she is busy attending tutorials and has no time to wait in the long line	

What do our users want?

They want a

- ★ Simple
- ★ Easy to navigate
- ★ Secure
- ★ Efficient

program

User Persona Parent



Name

Dr Amy Windsor

Age: 45

Marital status: Married

Children: 2

Undergraduate study: Bachelor of science

Occupation: Doctor

Income: \$200,000

"I just want to ensure my daughter is getting the food she requires in the most efficient and easy way possible"

Ideal experience

What would be the perfect outcome for this person?

A perfect outcome for Amy would be a system where her daughter can easily ensure her daughter is getting fed efficiently and won't be missing out on socialising or learning by having to spend long amounts of time in the canteen line. She wants to easily be able to pay for her daughter's food and ensure that her daughter is eating.

Bio

Amy is a parent of 2 children, she has a daughter in year 10 at St Hilda's Collegiate School and a son at John McGlashan. She often has a late night or early morning shifts at the hospital so often doesn't have time to prepare lunches for her children, because of this, her children often rely on the canteen for food.

Goals / Needs

What are they trying to achieve? What's important to them?

Amy wants to ensure her daughter at St Hilda's is eating a sufficient amount to fuel her brain and keep her energy up for her learning. Amy would love to be able to ensure this in the most efficient and effective way possible so it is easy for not only her but her daughter as well.

Technology & Information Sources

What technology are they familiar and comfortable with?

Amy is reasonably comfortable with technology but needs things to be easy to follow and understand. Sometimes she has trouble learning more complicated interfaces and she gets frustrated with this.

Pain points

What frustrates them?

-Sometimes her daughter decides not to have lunch because she can't be bothered waiting in the long line in the cold or because she is too busy with friends or attending tutorials.

-She can't ensure that her daughter will get the food that she wants by the time she reaches the end of the line

-She has to give her daughter cash and can't be sure that this cash is being spent on food

User Persona Student



Alice Green

Age: 15

Occupation: Student

School: St Hilda's Collegiate

"I hate having to wait in line for extensive amount of time to purchase my desired items to then find out that it's out of stock"

Ideal experience

What would be the perfect outcome for this person?

Alice's ideal canteen experience is to be able to pre-order and pick up her lunch without having to wait in line. Waiting in line too long leads to less time socializing with friends or attending tutorials. It's also important for Alice to know what products are available before reaching the front of the line as products often get sold out which causes her to make a quick decision which she isn't content with.

Bio

Alice is a 15-year-old student at St Hilda's Collegiate School in year 11. She is a regular canteen user who makes purchases at least twice a week. Alice is a very busy student who doesn't have time to wait in line at the canteen as she normally spends her lunchtime and interval going to club meetings, school tutorials or socialising.

Goals / Needs

What are they trying to achieve? What's important to them?

For Alice, it is important for her to be able to order and collect items from the canteen efficiently so that she can spend the majority of her lunchtime completing schoolwork and socialising. It is also important that her order is ready at the beginning of lunch so she has time to eat it and can get to class on time.

Technology

What technology are they familiar and comfortable with?

Alice is a teenager who has grown up with developing technology. She currently owns two Apple devices so is very comfortable working with new interfaces. She has a high technological maturity meaning if the canteen was to transfer their ordering system online this would suit her ability.

Pain points

What frustrates them?

Alice gets very frustrated by:

- having to wait in long lines to order and collect her canteen products.
- not knowing what products are and aren't available until she gets to the front of the line.
- having to wait in line to pick up her products behind people who are indecisive when she has already made her decision.

User Persona Canteen Staff



Angela Johnson

Age: 53

Occupation: Canteen Worker

"I regularly get flustered and stressed by the high demand and line build up at the canteen as I have to meet the desires of all customers on my own"

Ideal experience

What would be the perfect outcome for this person?

The perfect outcome for Angela is to be able to produce all pre-orders of products and be able to tend to the upfront ordered also. In order for this to happen a new payment method needs to be implemented to increase productivity and efficiency.

Bio

Angela Johnson is a 52-year-old who works at the St Hilda's Canteen. She works 5 days a week producing and selling products to students. Angela is married with 3 children and has worked at the St Hildas canteen for 11 years now.

Goals / Needs

What are they trying to achieve? What's important to them?

Angela's goal of the canteen is to tend to the product needs of students efficiently and accurately. She needs to avoid a backlog. To do this she believes she needs a more efficient payment method in order to work through transactions faster. She also wants to have all the items displayed in some way so that customers know what products are sold out. This will help to avoid decisions being made at the front of the line which causes large congestion.

Technology

What technology are they familiar and comfortable with?

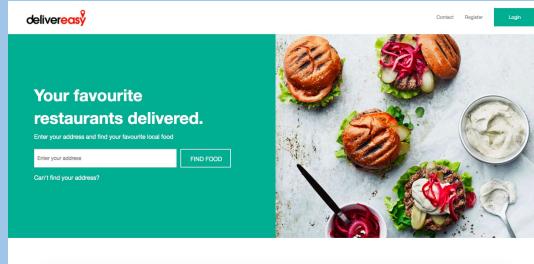
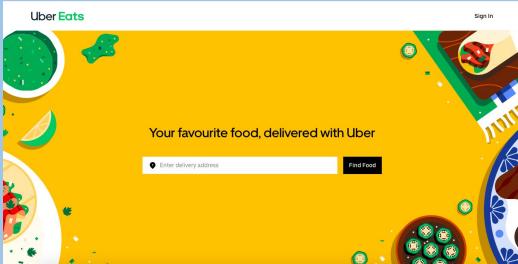
Angela owns an older model iPhone so is moderately comfortable with technology. This brings her technological maturity to be 5/10.

Pain points

What frustrates them?

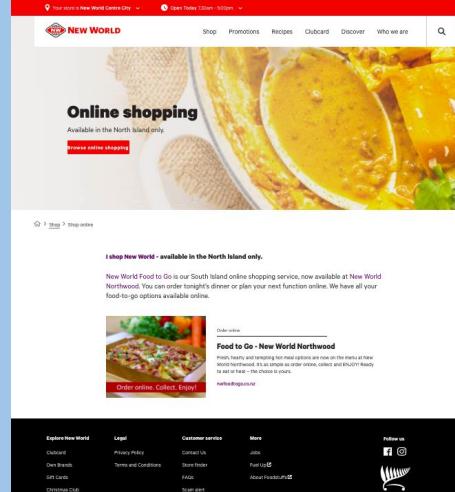
- Angela gets easily frustrated by having to handle the often extremely long canteen line on her own as it gets her flustered and stressed.
- She also finds it frustrating that the payment method is so inefficient. This is what causes the line to get so long.
- Another pain point for Angela is the lack of signage etc to display when an item is sold out.

Research into similar products - HOME PAGE



A common design convention used in the home page's of the food ordering websites is the use of a colourful and attractive hero image, whether it's an actual image of their product or an appropriate graphic it is the first thing that catches the user's eye and makes them interested in the product from the beginning. This convention could be incorporated in our designs with a hero image as a attractive photograph of canteen food or a graphic similar to the one used by Uber eats to capture the attention of our users.

Another design convention commonly used is the call to action. The websites all used clear, large text to urge people to look at and purchase their food. For our design, we want to entice people to buy the food from the canteen, that is our main purpose of the design and therefore, a call to action such as this that clearly entices the user to do this could be effective.



Research into similar products - ORDER FORM

The screenshot shows a search results page for "10 restaurants serving Cobden Street, Dunedin Central 9016". The interface includes a header with "Menulog" and navigation links for "Home", "Log in", "Sign up", and "Help". Below the header, there are filters for "Cuisines" (All 20) and "Delivery" (Free delivery, Pick-up). The results are sorted by "Best match". Each restaurant listing includes a thumbnail image, the name, cuisine type, rating, and delivery/pick-up information. For example, "Taj Mahal Indian Restaurant - North Dunedin" has a rating of 3.5/6 (248), "India Gate Restaurant" has a rating of 5.2/6 (127), and "Pizzeria Da Francesca" is currently closed.

The screenshot displays a message: "These restaurants are closed for today". It states that these restaurants are unavailable for delivery today but can still browse their menus for another day. It lists three restaurants: "Pizzeria Da Francesca" (Italian), "Capers Cafe" (Cafe), and "Black Dog Kitchen" (Homette), all of which are currently closed.

The screenshot shows a delivery service page for "12 Tolcame Avenue, Maori Hill". It features a search bar and filters for "Delivery" and "Pickup". The main area displays three restaurant options: "Bacon Buttie Station" (Burgers & Grill), "Burger Plant" (Vegan & Burgers), and "Korea House" (Korean & Japanese). Each listing includes a thumbnail image, the name, cuisine type, and delivery times (e.g., Mon 12:10pm, Tue 12:20pm).

One design convention that is commonly used throughout the order form/menu pages in the designs we researched is the ability to filter items. This way it will only display vegetarian items if the user selects that or gluten free if they only want to see those options. This minimises the content on the screen so that it is not overwhelming or annoying for the user to scroll through. Implementing this into our own design will help to create an effective and efficient interface for our users and help in creating a minimalistic design.

Some other design conventions that aid more in the functionality of the design include the way unavailable options are greyed out. This is something that clearly shows the user that something is not available currently, it is consistent with other platforms so the user would already associate the greyed out items as being unavailable. This makes the design easy to understand and functional for the user.

Research into similar products - LOG IN

delivereasy

Contact | Register | Log in

Log in

Email

Password [Forgot your password?](#)

Remember me **Log in**

Don't have an account? [Sign up](#)

Uber Eats

Welcome back

Sign in with your email address or mobile number:

Next

New to Uber? [Create an account!](#)

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Create a personal account
Or create a business account.

Account Details

Email

Password Choose a password that's 8 or more characters long.

Confirm password

Username Have a think about this one, it's how you'll be known to other members and can't be changed.

Remember me **Log in** Cancel

trade me

Log in

New to Trade Me? [Register now](#)

Email

Password

[Forgotten password?](#)

Remember me **Log in** Cancel

A design convention that all of the log in/sign up pages that we researched had is common is a large amount of white space. This is effective in keeping the user focused on logging in as they aren't distracted by different images, patterns or colours. It also makes the required inputs that need to be inputted stand out and be clear to the user. This is a convention that would be useful to incorporate into our own log in design as it helps to keep a minimalist and slick design that could help to keep our program useable and effecticent. Another convention displayed in this research is the bold design of the "log in" button. This is effective as it shows clearly how to navigate to the next step through the high contrast of the text from the background, bold colour of the background and the backshadow. This design convention would be useful to use in our program design has it would help the website to have clear navigation and show that the button is clickable.

Research into similar products - TOP UP

Credit my account

Trade Me credit: \$0.00

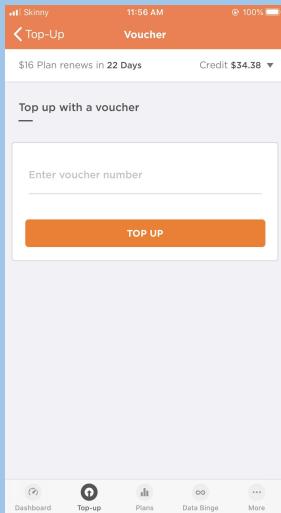
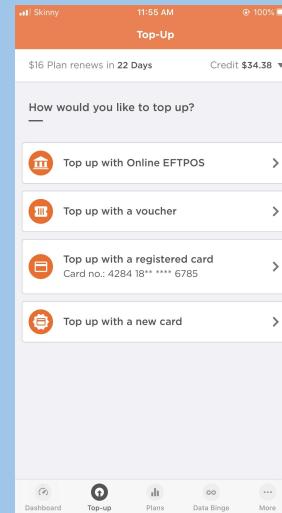
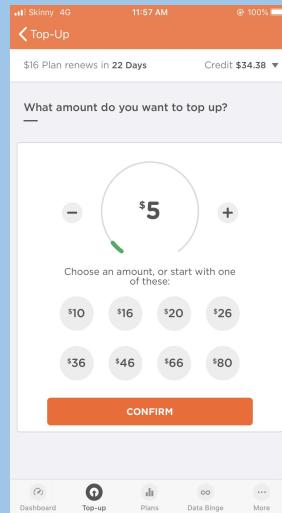
\$1.00	\$10.00	\$29.00	\$59.00	\$109.00	Other
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[Cancel](#) [Add credit](#)

My Account

\$0.00
Trade Me balance

[Credit my account](#)

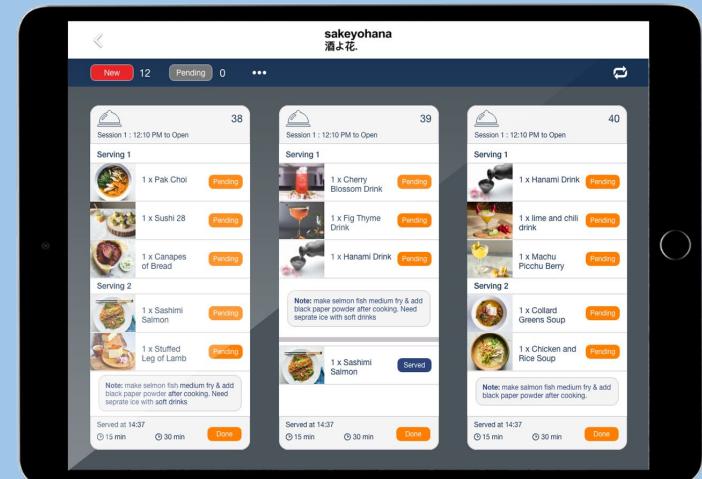
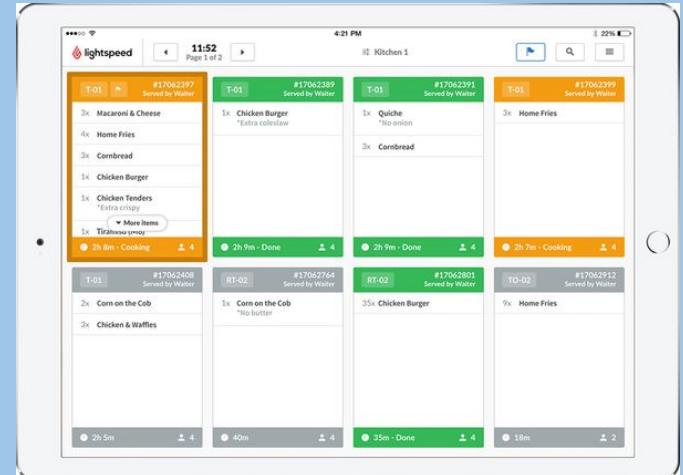


A design convention that is common throughout the research we did into other programs is how the possible top up amounts are displayed. This is useful for users to know how much they can top up there account by and provides the user with clickable buttons to select there amount rather than having to type it in. This could be something we could include in our own program as it narrows down the options of top-up for the user. Another design convention used throughout our research is the cohesive and clean colour themes. The use of white space helps the user to read and absorb the information on the page and not get overwhelmed by patterns or multiple bright colours and instead focuses on the topping up. In each piece of research there is also a more vibrant colour (orange or blue) to help highlight the buttons. This is a useful design convention that we could potentially use in our own website as it shows what buttons are clickable which makes this page more useable for the user.

Research into similar products - STAFF

A design convention that is commonly used in order preparation and completion displays are gallery views where the user can see a variety of order details in card format. We can see the potential of implementing this in our own designs as the canteen staff member could easily change the order status to prepared or collected.

A second convention is the use of colours which match to actions in the real world: orange indicating a ‘pending’ or uncompleted task and green as a ‘completed’ or ‘fulfilled’ task. These colours are commonly used as a border of the card or as a label inside the card.



Relevant implications

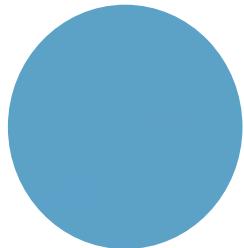
The Order Easy website must be able to be accessed by anybody from the St Hilda's school community who wishes to preorder canteen products. This includes staff, students and parents who may suffer from disabilities such as visual impairment. We will address this possibility by having a clear hierarchy of information, using high contrast backgrounds and employing alt tags. Our website must have a fast loading time as our users need an efficient program. We will ensure this happens by considering the size of our image or other infographic files before uploading them to our site. Our end users have varying levels of technological maturity so ensuring that our program's language, symbols and structure match the real world will allow the user to make connections, infer and understand what our program is requesting or communicating. We will also ensure our website wireframes and content is displayed in a logical order that comes naturally to the user. To achieve this we will complete research into similar programs and the processes they follow so we can imitate a similar version and we will do extensive testing with our end users with the absence of prompts to see if they understand and/or place a successful order.

Relevant implications

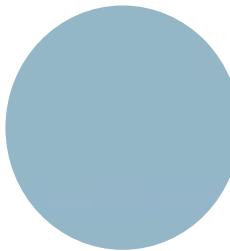
Our program needs to have a high standard of authenticity and secure payment processes. This will be ensured through the use of reputable external e-commerce add ons and a thorough use of alerts. This will explain and update the user of the implications their future action may have (eg withdraw money from your bank account via a credit card or order an item from the canteen). We will address potential privacy issues through password protection software such as FireBase to ensure our users information is not violated. Only the business owners (the canteen staff) will have access to order information as the page will be pin protected. We will also aim to only use images that are free to use even for commercial use to ensure we are not breaching intellectual property law.

To ensure our program and subsequent stored data is future-proof and easy to update we will make a thorough plan regarding the naming of files and variables and how our HTML, CSS and Javascript will interact with each other. This will ensure our program is robust and can sustain use well into the future. For the benefit of other team members and future editors of our code we will ensure that code comments outline and describe what components do and what variables they change. Secondly, we will implement a database software called Air Table which will allow the business to view and edit order status without having to read or edit code. This ensures the program can be used and updated by individuals with low technological maturity as Air Table displays information in an easy to follow structure and prompts novice users.

Colour palette



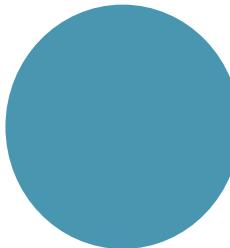
Colour: Hilda's Blue
RGB
HEX: #38ACD9
Component:



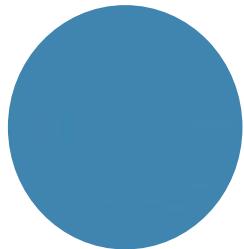
Colour: Duck Egg Blue
RGB
HEX: #91C4D9
Component:



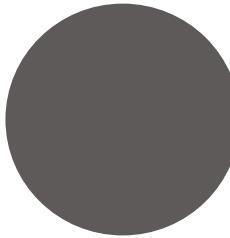
Colour: Cream
RGB
HEX: #F2F2F2
Component: Background



Colour: Aqua
RGB
HEX: #0A9EBF
Component: Subheadings



Colour: Darkest Blue
RGB
HEX: #068BBF
Component: Titles



Colour: Dark Gray
RGB:
HEX: #5D5A59
Component: Paragraphs

Styling requirements

Fonts

St Hilda's Canteen: Aviner

Headings and Titles: Merriweather

Paragraph: Garamond

Colouring

Titles: Darkest Blue (#068BBF)

Subheadings: Aqua (#0A9EBF)

Paragraphs: Dark Gray (#5D5A59)

Background: Cream (#F2F2F2)

Use of St Hilda's flag

Always scale width and height proportionally

Database design - All orders (ordered by date)

Order Easy

Order Forms Users Tasks +

VIEWS Order Forms view 4 hidden fields Filter Group Sorted by 1 field Color ...

Find a view Order Forms view Order Preparation view Order Pickups view

	A First Name	A Last Name	Email	Order Date	A Order Time	# Cinnamon Scroll	# Sausage Roll	# Chocolate Milk	# Chips
1	Gabi	Horo	gabihoro@shcs.school.nz	June 3, 2020	Lunch	1	5	2	
2	Tessa	Sinteur	tessasinteur@shcs.school.nz	June 3, 2020	Morning Tea	2		2	
3	Brooke	Callon	brookecallon@shcs.school.nz	June 8, 2020	Morning Tea	4		3	
4	Maia	Hunter	maiahunter@shcs.school.nz	June 9, 2020	Lunch		3		
5	Rylee	May	ryleemay@shcs.school.nz	June 12, 2020	Morning Tea	1		1	
6	Immy	Keeling	imogenkeeling@shcs.school.nz	June 12, 2020	Morning	2	1	5	
7	Georgia	Copeman	georgiacopeman@shcs.school.nz	June 15, 2020	Lunch		2		
8	Rylee	Wagtevald	ryleewagtevald@shcs.school.nz	June 17, 2020	Lunch		4		
9	Sophie	Masters	sophiemasters@shcs.school.nz	June 25, 2020	Lunch	2			
10	Lauren	Heng	laurenheng@shcs.school.nz	June 25, 2020	Morning Tea	3			
11	Meg	Rogers	megrogers@shcs.school.nz	June 26, 2020	Morning Tea		2	4	
12	Shreya	Das	sherryadas@shcs.school.nz	June 26, 2020	Lunch	1	2	9	
13	Brianna	Le	briannale@shcs.school.nz	June 27, 2020	Lunch			2	
14	Julie	McMahon	jmcmahon@shcs.school.nz	June 27, 2020	Lunch		9		
+									
Add view									
Grid	+								
Form	+								
Calendar	+								
Gallery	+								
Kanban	+								
14 records	Sum 16	Sum 28	Sum 28	S					

Database design (Tally of each item for today and tomorrow)

Order Easy

Order Forms Users Tasks

VIEWS Order Preparation view 6 hidden fields 2 filters Grouped by 1 field Sort Color ...

Find a view

Order Forms view

Order Preparation view ✓

Order Pickups view

Grid Form Calendar Gallery Kanban

4 records Sum 1 Sum 13 Sum 15 Sum 6

	A First Name	Order Date	A Order Time	# Cinnamon Scroll	# Sausage Roll	# Chocolate Milk	# Chips	+
ORDER DATE June 29, 2020 Count 3								
1	Meg	June 29, 2020	Morning Tea		2	4		
2	Shreya	June 29, 2020	Lunch		1	2	9	
3	Julie	June 29, 2020	Lunch			9		2
+								
ORDER DATE June 30, 2020 Count 1								
4	Brianna	June 30, 2020	Lunch			2	4	
+								

Add view

Grid Form Calendar Gallery Kanban

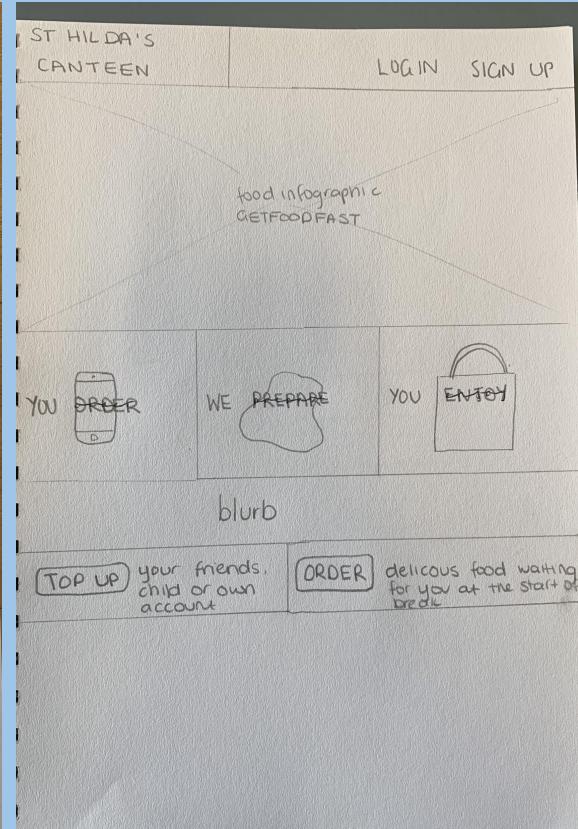
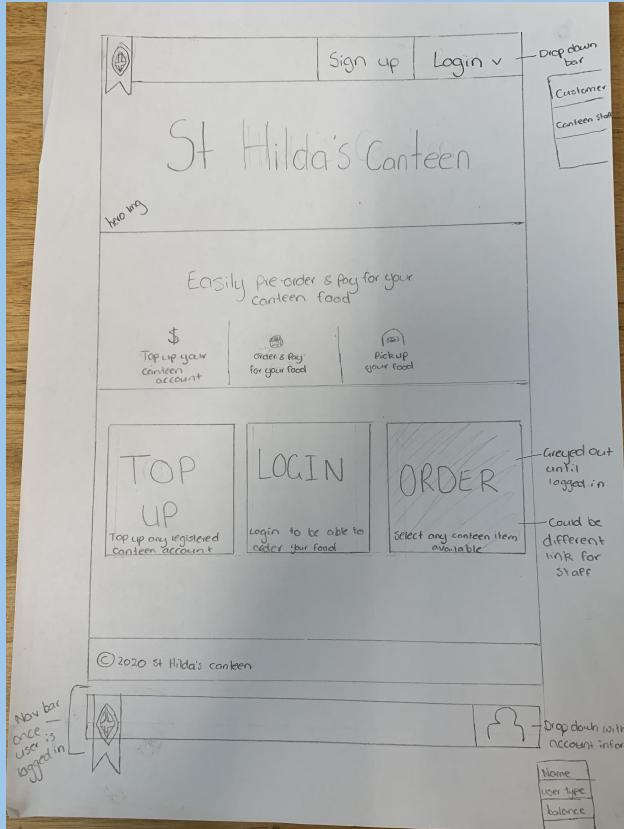
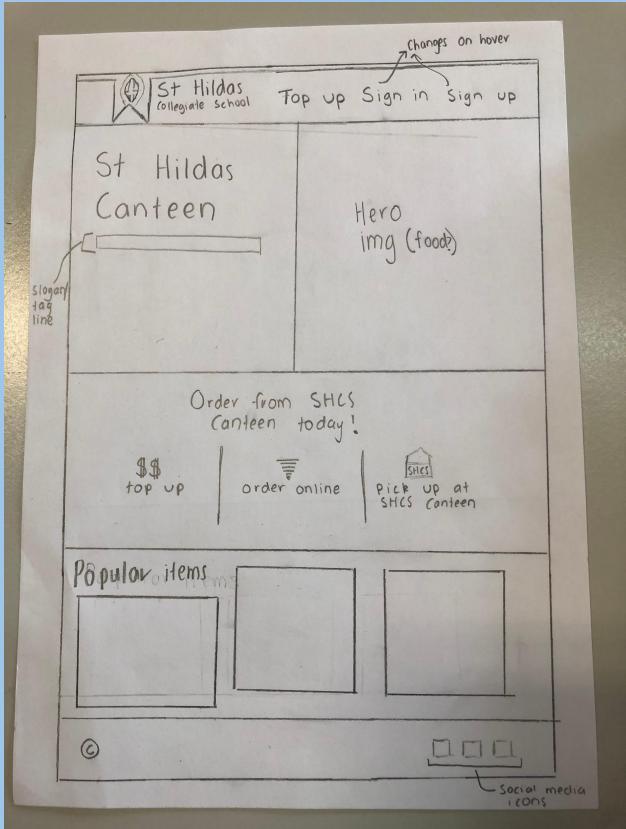
Database design (Individual orders ready for pickup today)

The screenshot shows the Order Easy application interface. At the top, there's a navigation bar with links for 'Order Forms', 'Users', 'Tasks', and other settings. The main area displays three cards representing individual orders:

- Meg**
 - LAST NAME: Rogers
 - EMAIL: megrogers@shcs.school.nz
 - ORDER DATE: June 29, 2020
 - ORDER TIME: Morning Tea
 - ORDER PICKED UP
- Shreya**
 - LAST NAME: Das
 - EMAIL: sheryadas@shcs.school.nz
 - ORDER DATE: June 29, 2020
 - ORDER TIME: Lunch
 - ORDER PICKED UP
- Julie**
 - LAST NAME: McMahon
 - EMAIL: jmcmahon@shcs.school.nz
 - ORDER DATE: June 29, 2020
 - ORDER TIME: Lunch
 - ORDER PICKED UP

On the left side, there's a sidebar titled 'Add view' with options for 'Grid', 'Form', 'Calendar', 'Gallery', and 'Kanban'. A red '+' button is located at the bottom right of the main content area.

HOME PAGE initial sketches



Team analysis

Features to include	Reasoning
Nav bar with sign in, sign up then user nav bar when logged in	Simplistic, easy to understand, doesn't overwhelm the user. Relevant actions only appear once signed in.
Flag logo and St Hilda's Canteen	Visual and information
3 steps infographic	Uses visual and text components to simplify the ordering process for the user. Seen in other business websites, very successful in engaging customers.
'Order' hyperlink instead of 'Sign In'	This is the end goal for the user so their brain will make that connection first. This will ensure the website is easy to navigate and users do not become confused
Footer	Simple includes relevant information
Hover or bordering elements	To ensure there is still colour included in the design and inform users of their actions

End user interviews

Questions	Answers
Which format for the hero image/infographic do you prefer?	<ul style="list-style-type: none">- Slogan on top of image- Infographic- Slogan on top of image- Side by side -> better use of space- Slogan on top of image
In terms of the 'how to order' infographic which format do you prefer?	<ul style="list-style-type: none">- You order, we prepare, you enjoy- You order, we prepare, you enjoy- Lines in middle, No division, overlay hero image?- Top up, order, pick up- Top up, login, order- Lines in middle, top up, order, pickup
Would a blurb be helpful?	<ul style="list-style-type: none">- Yes- Maybe you should know- Blurb helpful- Yes, clarify- Yes

SIGN UP initial sketches

Sign up / register

St Hilda's
Collegiate School

Top up Log in Sign up

Create your Canteen account

First name last name

School email

Password

Password confirmation

Year group

Create account

→ food info graphic

Sign up/Register

Sign up Log in v

Register for a St Hilda's Canteen account

First Name:

Last Name:

Email:

Password:

Confirm Password:

Year group: 11C

Create Account

© 2020 St Hilda's Canteen

STUDENT SIGN UP

A First Name:
Last Name:

@email:
year group:
Student ID:

password:

SKIP THE LINE

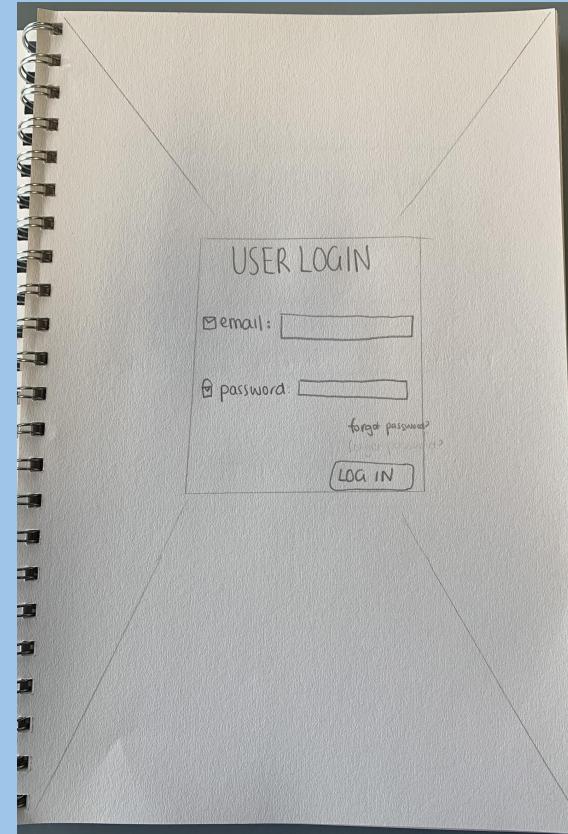
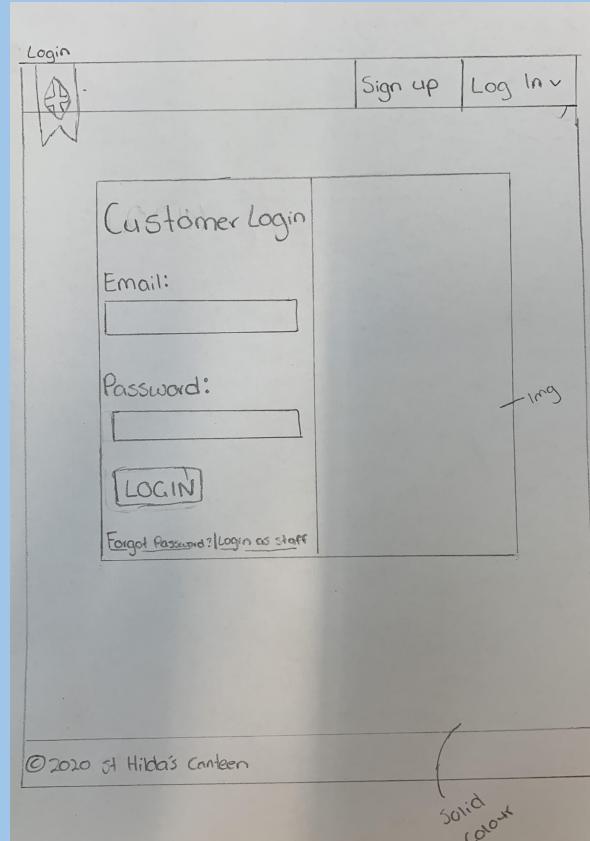
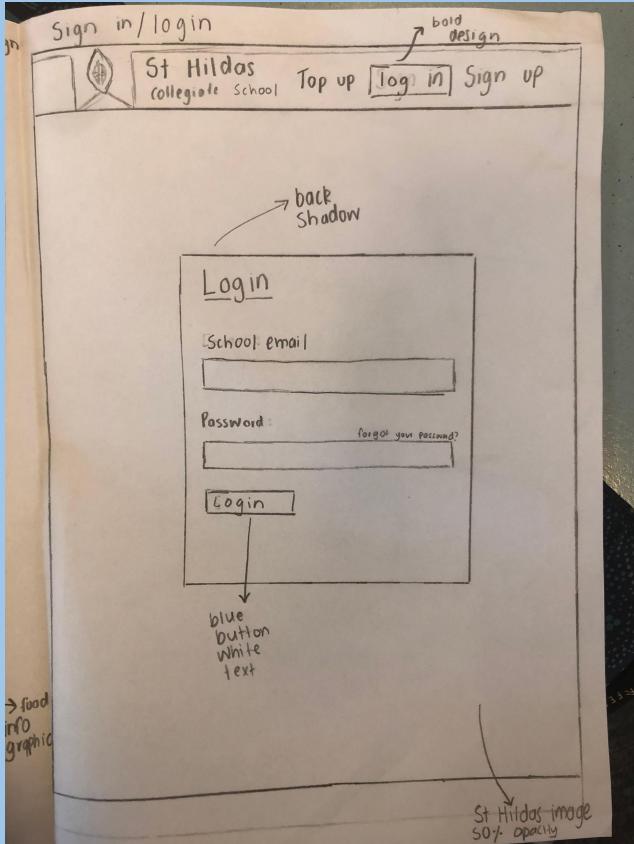
Team analysis

Features to include	Reasoning
Active page styles on nav bar	Informs user of current page and adds vibrancy to website
Food infographic as background image	Good use of colourings without distracting the user
Titles above the input boxes and First/Last name inputs beside one another	Visually appealing and logical to have the inputs look like real life
Select input for year group	Breaks up text input boxes + disables user from entering invalid year group
Password confirmation	Ensures high standard of error prevention and minimises potential user error

End user interviews

Questions	Answers
Which format is initially more appealing?	<ul style="list-style-type: none">- First one as it takes up the whole page- The third one as its more compressed and straight forward- The first one as it has less large white spaces- Third one, smaller, more compact- The first one
Do you think the icons are necessary or add anything to this design?	<ul style="list-style-type: none">- Yes, for understanding- Yes, for understanding- Unsure, people should know what an email is- Fine, further- Yes
Do you think a phrase such as 'skip the line' is more interesting than create account, would you still know what this button does?	<ul style="list-style-type: none">- No, create account to reduce confusion- Create Account is more clear- Only if the catch phrase was super relevant and obvious what the button's function is- Create Account more

SIGN IN initial sketches



Team analysis

Features to include	Reasoning
Food infographic background	Visually appealing
Input styles	Simplistic, minimal distractions
Titles above input boxes with no icons	Consistent with sign up elements
'Forgot your password' hyperlink aligned to the right and above input box (horizontally align with password title)	Make the most sense and consistent with other website login pages
'Log in button' aligned to the left and below the password input box	Alignment is more visually appealing

End user interviews

Questions	Answers
Do you think an image is necessary or adds anything to this design?	<ul style="list-style-type: none">- As long as it is not too distracting- An infographic would be too distracting (solid colour suggested)- Needs to be simple if used- Have it as a pop up that overlays homepage- Image
If an image or graphic was used in this design would you prefer it like design 1 or 2?	<ul style="list-style-type: none">- Background image- Background image- Background image- Background image- Have it as a pop up that overlays homepage
Would you prefer the login button left or right aligned?	<ul style="list-style-type: none">- Left, looks nicer- Center as it becomes the focus point- Left aligned is more streamlined with the input boxes- Left aligned

TOP UP initial sketches

Top up Page - St Hilda's Collegiate School

bold design

Top up log in Sign up

Top up a student's account

first name: [] last name: []

top up amounts:

\$5 \$10 \$15 \$20 \$30 \$40 \$50

Credit Card details:

[Card number] [Name on Card] [Expiry month & year] [CVC #]

Confirm top up

image?

Sign up Login

TOP UP

Top up the balance of any St Hilda's canteen account

Enter the account user's Name: []

First Name: [] Last Name: []

Last Name: []

Amount: []

Credit/Debit card details:

[Card Number] [Name on Card] [MM] [YY] [CVC]

TOP UP

© 2020 St Hilda's canteen

TOP UP AN ACCOUNT

User First Name: [] User Last Name: []

If confirmed []

Top Up Amount: \$ [] \$100

Debit card details:

Card Number: []

Name on card: [First Name] [Last Name]

Expiry date: [] / []

CCV #: []

PROCESS

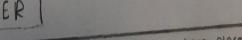
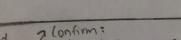
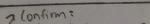
Team analysis

Features to include	Reasoning
Slider with potential to put a background colour behind this element	Emphasis and flexibility to top up any value rather than being limited to specific values, provides a different style of input box (breaks up page elements)
First and last name side by side	Matches the real world
Blurb	To ensure the user knows what this page is designed for and the process they need to follow
Hide secondary inputs until a valid and matching first and last name have been selected	Doesn't overwhelm the user and minimises errors

End user interviews

Questions	Answers
What input type would you prefer? Scale, buttons or text input?	<ul style="list-style-type: none">- Text- Slider with 50c steps (max \$50)- Buttons- Buttons (easier error checking) with 'other' input- Text
Do you think an image is necessary or adds anything to this design?	<ul style="list-style-type: none">- Yes- Already quite a busy page- No, would make the page too busy- Colour
Would you understand what this page does or is?	<ul style="list-style-type: none">- Title and blurb- Title and blurb- Yes- Yes- Yes, title and blurb

ORDER FORM initial sketches

Order		Step down Balance Top Out
	St Hilda's Collegiate School	
Order Details		
Pick up date: <input type="text" value="00/00/0000"/>	Pick up time: <input checked="" type="radio"/> Morning tea <input type="radio"/> Lunchtime	
Order form		
Cinnamon scrolls \$3 ea <input type="checkbox"/> 2  Sausage rolls <input type="checkbox"/> 1  Chocolate milk \$3 ea <input type="checkbox"/> 1  Sushi <input type="checkbox"/> 1  Juice <input type="checkbox"/> 1  Ice block <input type="checkbox"/> 1  Pies <input type="checkbox"/> 1  Chips <input type="checkbox"/> 1 		
Order Summary		
Cinnamon Scroll x2 = \$6 Chocolate Milk x1 = \$3 Total Cost: \$9		
<input type="button" value="ORDER"/>		Alert: Your Order has been placed. Your new balance is \$... 
 Confirm?  Return to home page		

Current balance: \$	TOP UP	A User v
SWEET		
<input checked="" type="checkbox"/> Cinnamon scroll	\$ 3	
<input type="checkbox"/> Nutella Twist	\$ 2.5	
<input type="checkbox"/> Custard Square	\$ 3	
<input type="checkbox"/> Caramel square	\$ 3.5	
SAVOURY		
<input type="checkbox"/>		
<input type="checkbox"/>		
<input type="checkbox"/>		
DRINKS		
<input type="checkbox"/>		
SNACKS		
<input type="checkbox"/>		
<input type="checkbox"/>		
<input type="checkbox"/>		
ORDER SUMMARY		
Items	COST	
•	\$	
•	\$\$	
•	\$\$	
	\$	
		ORDER

		   
@Morning tea @lunch time		Filterv Searchq
<h3>Recently Viewed items</h3> <ul style="list-style-type: none"> Cinnamon Scrolls ① Caramel Slice ③ Chocolate milk ① 		<p>Current Order: 7@</p> <p>2x Cinnamon Scroll ①@ 1x Chocolate milk ①@</p>
<p>Select a Date for Pickup:</p> <input type="text" value="00/00/0000"/>		
<p>Total cost: \$</p>		<p>Complete Order</p> <p>↓ Alert: Your current order has been compl Your balance is now \$ —</p>
<p>(c) 2020 St Hilda's Canteen</p>		

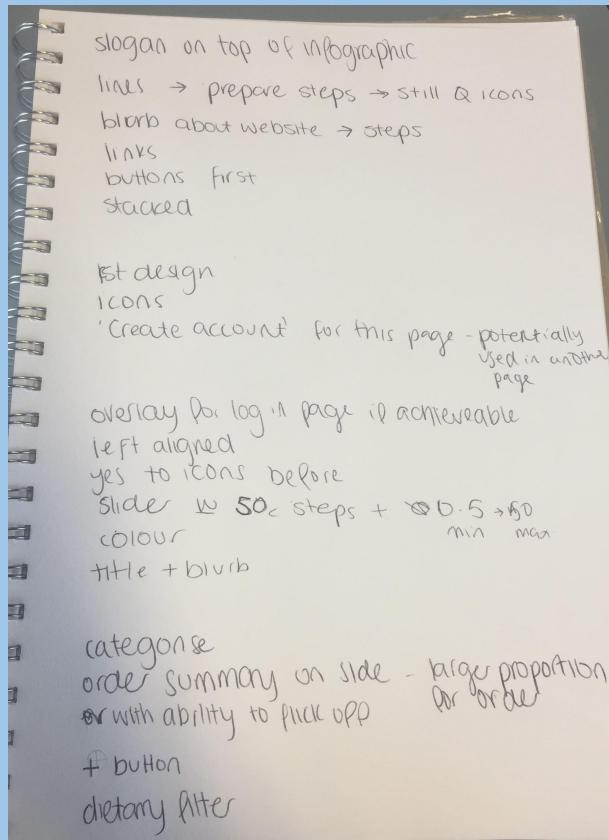
Team analysis

Features to include	Reasoning
Pickup date input as calendar	Visual displays the days that are available to order for
Radio buttons for pickup time	Gives user one option
Parallel cart	Ensures the user can see what they are adding or removing from their cart without scrolling
+ And - products	Empowers user with freedom to easily adjust product items and quantities
Separation through categories	Visual benefits and user can direct themselves to their desired products
Dietary filtering	Ensures access to a diverse range of users and allows them to easily narrow the search

End user interviews

Questions	Answers
Is categorising items into sweet, savoury, drinks & snacks useful?	<ul style="list-style-type: none">- Yes- Yes, as it makes the page less cluttered- Yes- Yes
If not, how else could we format this?	
Would you prefer an order summary down the bottom or more of a cart style down the side like design 3?	<ul style="list-style-type: none">- Bottom on phone, side on computer- On the side- On the side -> seeing- Bottom for both phone and computer
Would you prefer a number input or a + which adds that item to a cart every time you click it?	<ul style="list-style-type: none">- +- +- +- +- +

Decisions made based on interviews



Home Page - Gabi

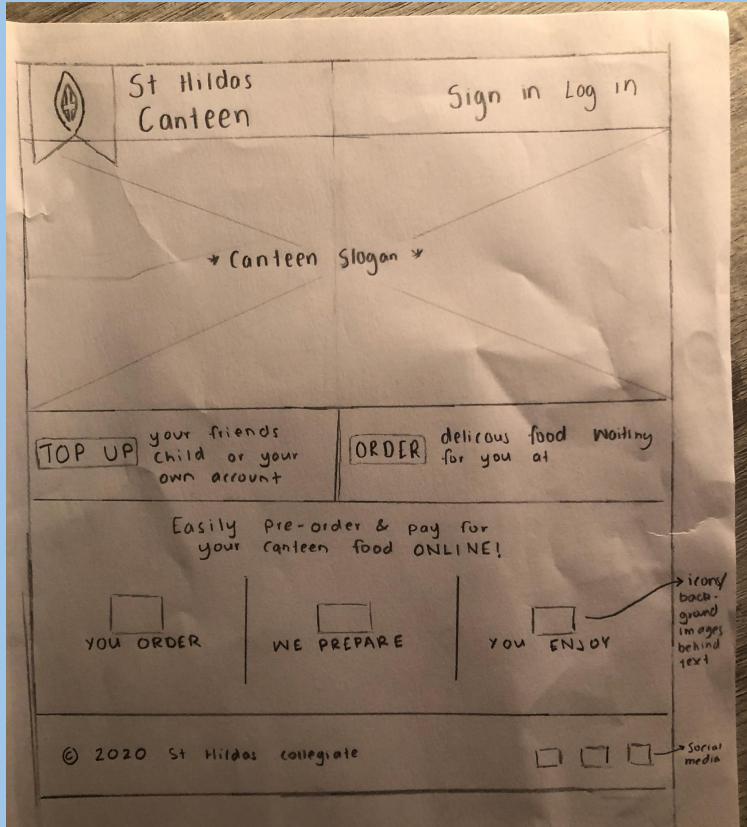
Sign Up - Tessa

Sign In - Gabi

Top Up - Tessa

Order Form - Rylee

HOME PAGE low fidelity final sketch



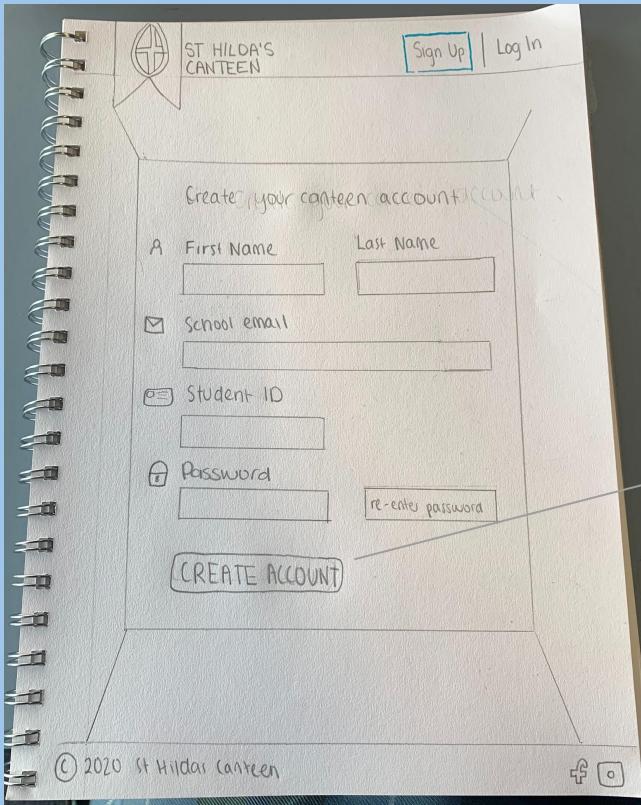
After reviewing the feedback received from our target audience on our initial sketches for the home page this is our low fidelity final design.

We decided to use the large infographic with the canteen slogan on top as this is what our target audience liked best and we thought it was a good way to engage the user in the website rather than it being too cluttered early on.

We used the “top up” and “order” buttons because we found it was a good way for the user to navigate through our website efficiently while also providing extra information about them. We agreed on placing them above the 3 step infographic as we thought that these buttons are more important in terms of hierarchy.

For the three step infographic we agreed on using the text from design three and the images placed above similar to design one. This is because we felt the text from design three was clear and concise while still showing the user the purpose of the website.

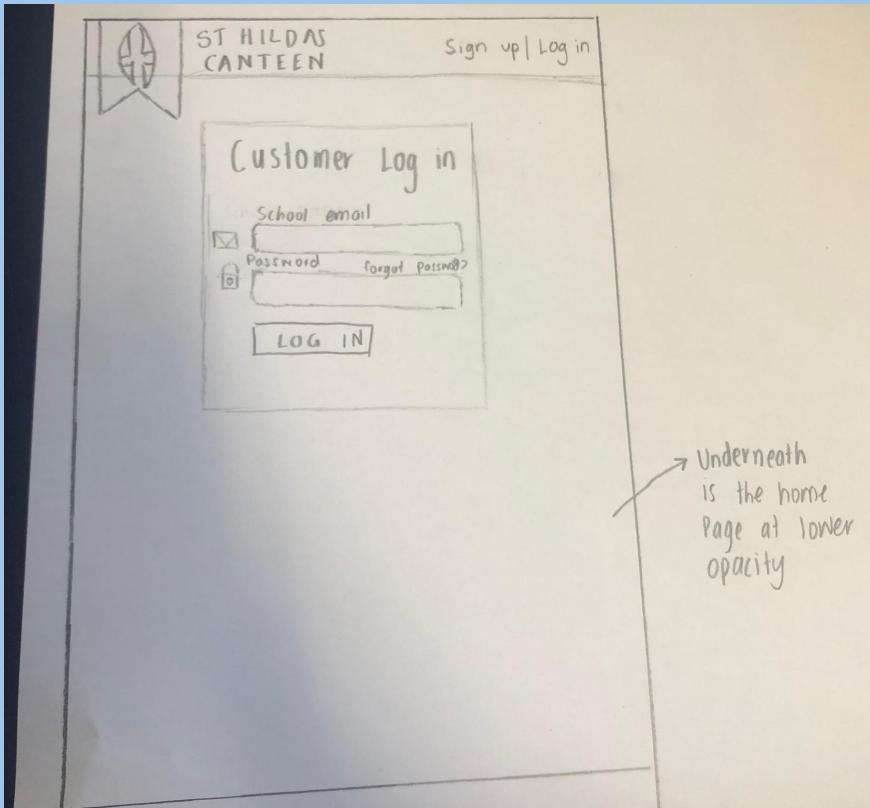
SIGN UP low fidelity final sketch



The combination of the initial sketches resulted in the following decisions being made:

- Layout more similar to the Design 1 as it utilises the entire screen which leaves less white space
- Icons to reinforce what information the user is required to input. This ensures better understanding for a variety of users and matches our program to the real world where these symbols are commonly used.
- "Create Account" text instead of a slogan to minimise confusion and give communicate to our users clearly.

SIGN IN low fidelity final sketch



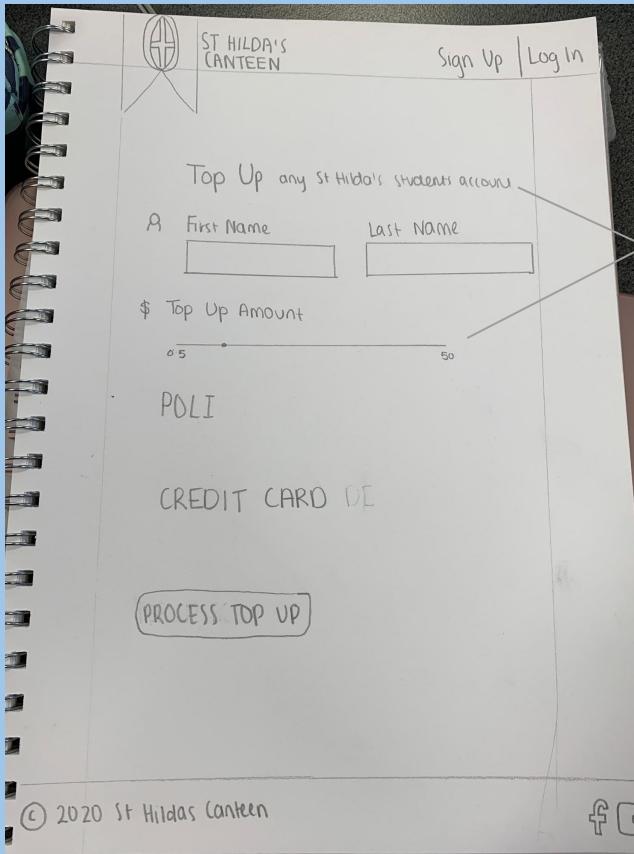
After receiving feedback from our target audience and making informed decision was have come up with a final design to display the log in inputs.

Rather than creating a whole page (similar to our initial design) we have now decided to create a pop up log in that is laid over top of the home page (at lower opacity). We came up with this idea because we agreed that for our website to be usable for our target audience that website has to have a short load time and fewer pages would contribute to this.

Also similar to design three we have used the icons associated with the inputs. We did this because our target audience believes that its important to have a visual representation of the inputs so that the inputs can be completed more efficiently.

For the “Log In” button alignment we agreed on the design from design one. This is because left alignment is not only consistent within our website but also across other websites which is what our target audience will be used to.

TOP UP low fidelity final sketch



The combination of the initial sketches resulted in the following decisions being made:

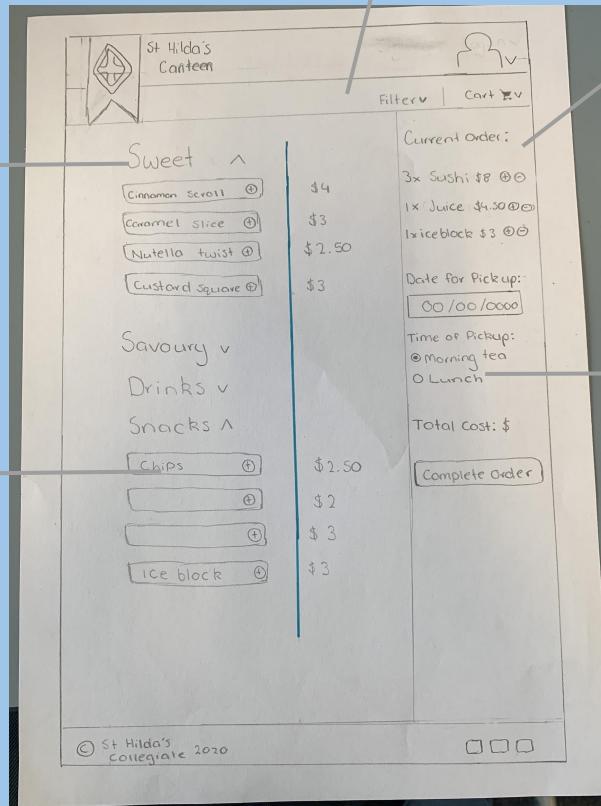
- Incorporating a slider with 50c steps to ensure the user has maximum flexibility for top up amounts
- Adding a title and blurb to assist the user in understanding the use and process of topping up

ORDER FORM low fidelity final sketch

Categorising food items such as in the initial design 1 & 2. Makes for efficiency of use as well as giving an aesthetic and minimalist design as it means users don't have to scroll through every item.

Having the + button which adds the item to your cart was unanimously decided to be the best option across all feedback. This creates a more aesthetic and minimalist design rather than a number input. It also is more efficient for a user and being able to add or minus items from the cart allows users to recover from errors such as adding too many items.

The second nav bar for the filter and cart was also unanimously preferred across all the feedback we received



Having the cart parallel to the menu when clicked on means the user can easily see what they've ordered rather than scroll all the way to the bottom. This also helps with efficiency of use

We decided that putting radio buttons to select either morning tea or lunch was the best option as it allowed users to only select one option which prevents errors such as trying to select both. We also decided to place these in the cart below where the date was selected as after receiving feedback it was decided this was the most obvious place so users don't miss it. This again is good error prevention as it prevents users from not selecting a pick up time.

HOME PAGE high fidelity

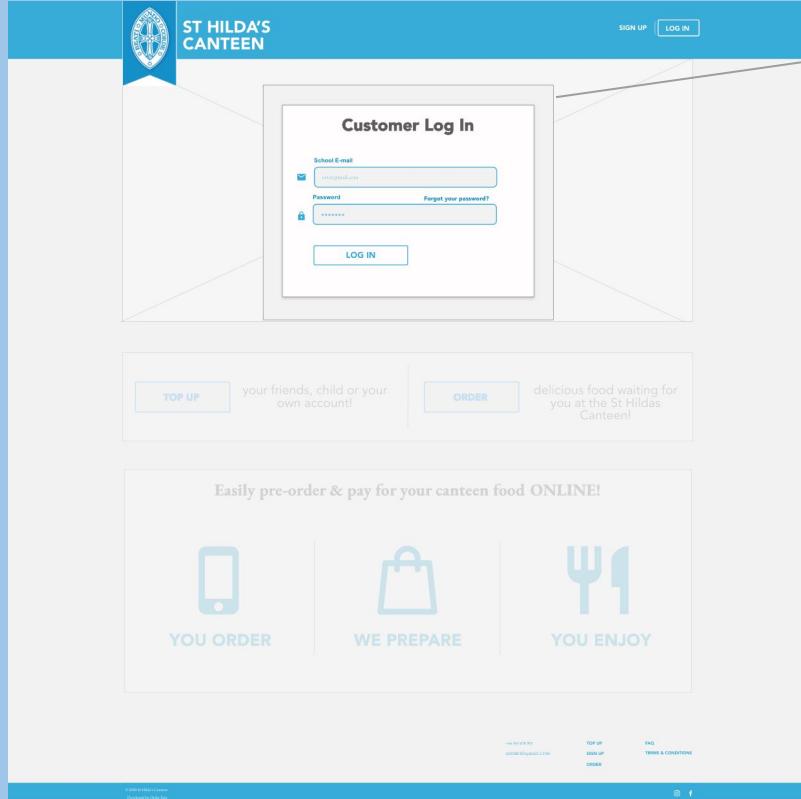


Decrease the size of the icons so the attention is more drawn to the navigation buttons above

Decrease the white space between the infographic and the text so its more visually appealing for the user.

Increase the size of the buttons so that they are more of a focal point rather than the three step infographic because the buttons are more important because they allow the user to navigate and carry out the functions of the website

SIGN IN high fidelity



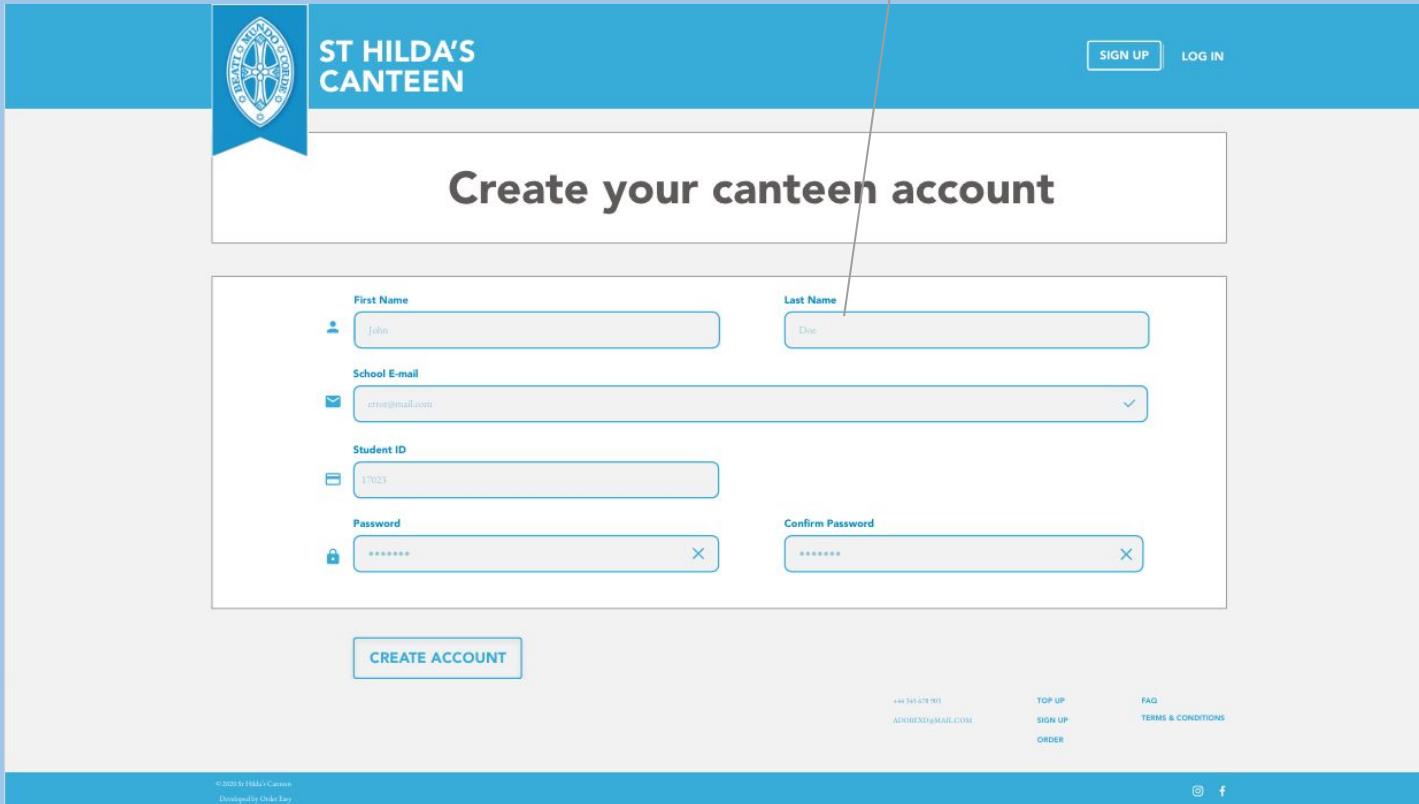
Add a cross to enable to user to exit or return to the home page if need be.

High fidelity end user interviews

When looking at the home page would you understand where to go and what you need to do?	Yep Enlarge buttons box rather than steps because it needs to be more of a vocal point (Move images and text closer in infographic)
Do you think that the chosen three icons (for each stage) accurately represent the canteen ordering process?	Not sure about prepare one, why a bag. Maybe cooking utensils? Try changing the “we prep” icon to clarify
Do the images and icons make the page appealing or interesting?	Yes Yes
Do you have any other questions or comments about the home page?	Like the slogan, need to draw eye more to the heading. Maybe a thicker font? Contrasting colour? Play with placement and fonts because the style of the button box
Do you like how the log in inputs is layed over the homepage (with lower opacity) or do you think a separate page would be better?	Yes I like the pop up Yes doesn't effect
From looking at the Login pop up would you know what information it is asking of you?	Yes Yes

SIGN UP high fidelity

When in development stage, add an alert if the user does not enter any input that explains all fields are required



The image shows a high-fidelity wireframe of a sign-up form for St Hilda's Canteen. The header features the school's crest and the text "ST HILDA'S CANTEEN". The main title "Create your canteen account" is centered above the form fields. The form includes fields for First Name (John), Last Name (Doe), School E-mail (jdoe@mail.com), Student ID (17023), Password (*****), and Confirm Password (*****). A large red line points from the explanatory text at the top to the "First Name" field. At the bottom, there is a "CREATE ACCOUNT" button and a footer with links for "TOP UP", "SIGN UP", "FAQ", "TERMS & CONDITIONS", and "ORDER". The footer also includes copyright information and social media icons.

ST HILDA'S CANTEEN

SIGN UP LOG IN

Create your canteen account

First Name
John

Last Name
Doe

School E-mail
jdoe@mail.com

Student ID
17023

Password

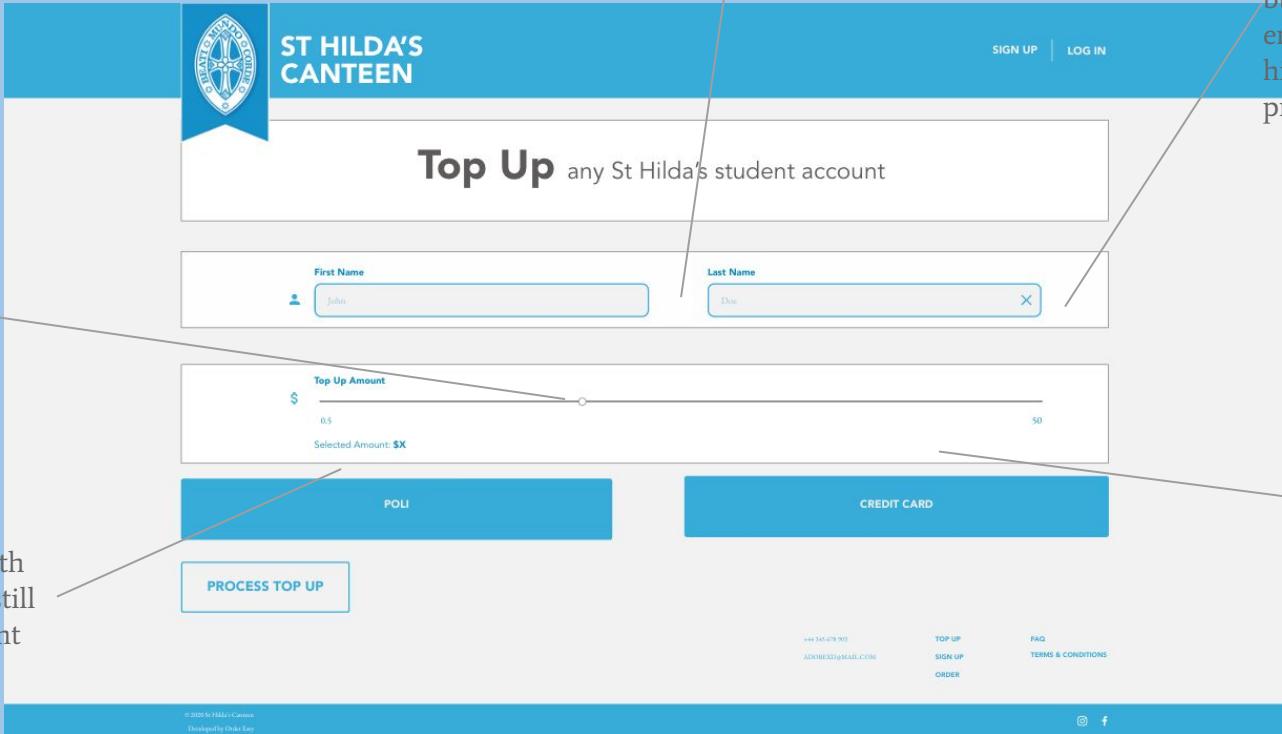
Confirm Password

CREATE ACCOUNT

TOP UP SIGN UP FAQ TERMS & CONDITIONS ORDER

©2020 St Hilda's Canteen
Developed by Order Lay

TOP UP high fidelity



The wireframe shows the 'Top Up' section of the St Hilda's Canteen website. It features a blue header with the school crest and 'ST HILDA'S CANTEEN'. Below the header, a large box says 'Top Up any St Hilda's student account'. It has fields for 'First Name' (John) and 'Last Name' (Doe). A slider for 'Top Up Amount' is set at \$0.50. Below the slider are two payment method buttons: 'POLI' and 'CREDIT CARD'. At the bottom is a 'PROCESS TOP UP' button. The footer contains copyright information, contact details (phone 044 245 478 703, email info@st-hildas.org.nz), and links for 'TOP UP', 'SIGN UP', 'FAQ', 'TERMS & CONDITIONS', and 'ORDER'.

Add search button to help the user understand what the system aims to achieve after input

Larger circle so users can clearly view the use of the slider

Enlarge text so users with varying eye health can still view the selected amount

Add search button to help the user understand what the system aims to achieve after input

Add email input to achieve better error prevention (future students could have the same first and last name but would have different email addresses). Achieves high quality future proofing

Functionality of 50c minimum may not work financially for the canteen - ENQUIRE with finance manager

High fidelity end user interviews

Do all the icons make sense with how they relate to the input boxes?	Yes. Yes Yes. Yes
Is the sign up page easy to understand? Would you know how to make an account?	Yes. Yes Yes Yes
Any other questions or comments about the sign up page?	Consistent with St Hilda's brand. Might want to indicate that all fields are required No No
Looking at the top up page do you understand how to select a student's account and an amount of money to top up their account with?	Circle bigger, labelled mid-point, instructions Add a button (should be search or what should it say) Still could be possible to have two students with the same name, need some sort of verifier, maybe include email As long as the slider clearly shows how much money you have selected its good Good

ORDER FORM high fidelity

St Hilda's Canteen Order Form

SWEET ▲
Caramel Slice +
Nanita Torte +
Carrot Cake +

SAVOURY ▼
Sea Salt Chips +

DRINKS ▼

SNACKS ▲
Nanita Torte +

CART ▾

Cart:
3 x Sweets: \$8
1 x Juice: \$4.50

Date for Pickup: 00 / 00 / 0000

Time of Pickup:
 Morning Tea
 Lunch

Total Cost: \$12.50

COMPLETE ORDER

© 2023 St Hilda's Canteen. Developed by Order Box.

TOP UP SIGN UP ORDER TERMS & CONDITIONS

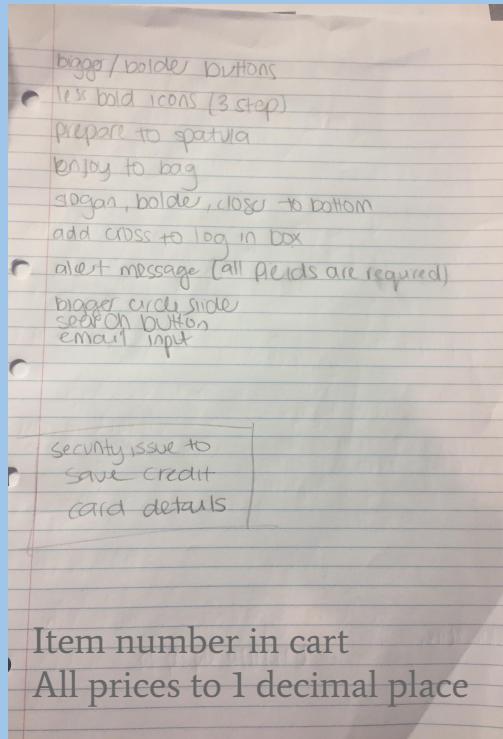
Round all decimal places to one place so that they're all the same.

Put a number inside the cart icon so that the user can identify how many items are in their cart and visually see that something is happening when adding an item.

High fidelity end user interviews

Looking at the Order form is it easy to figure out how to order food?	Yes Yes
Is it obvious that in order to add a food item to your cart that you need to click on the item?	Yes Yes
Can you clearly understand how to view the cart and see items?	Yes Yes
Does the cart make sense, is it easy to understand how you would add or minus an extra item, how to select a time and date etc?	Yes Yes
Any questions or comments about the order form page?	Be consistent with decimal. Maybe add a minus right there as well as in cart Maybe add something that displays amounts without going to the cart So there a way to save the credit card details so you don't have to enter them everytime?

Decisions made based on second round of interviews with target audience



Home Page - Gabi

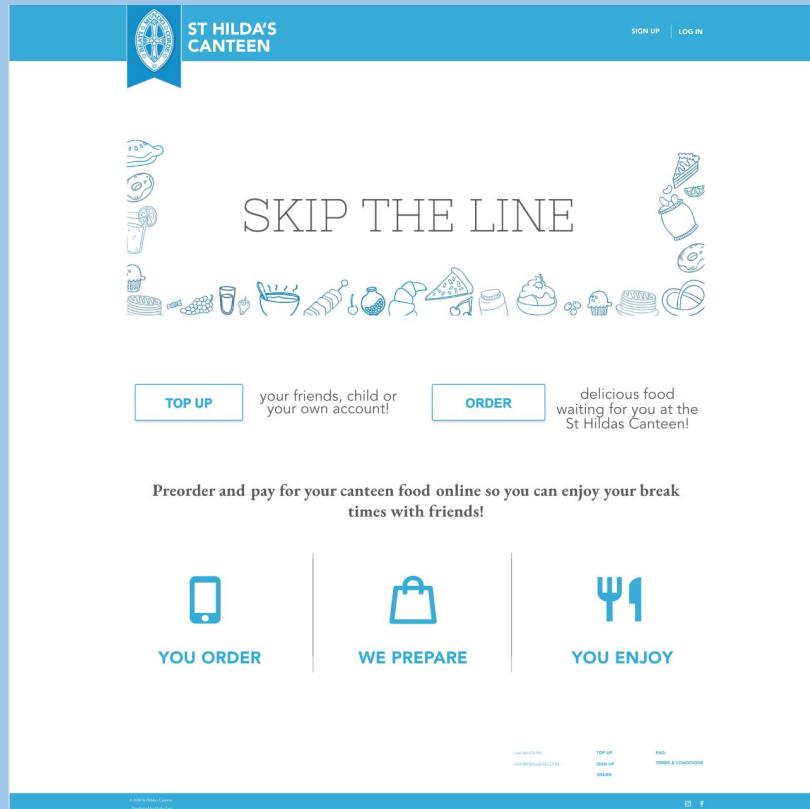
Sign In - Gabi

Sign Up - Tessa

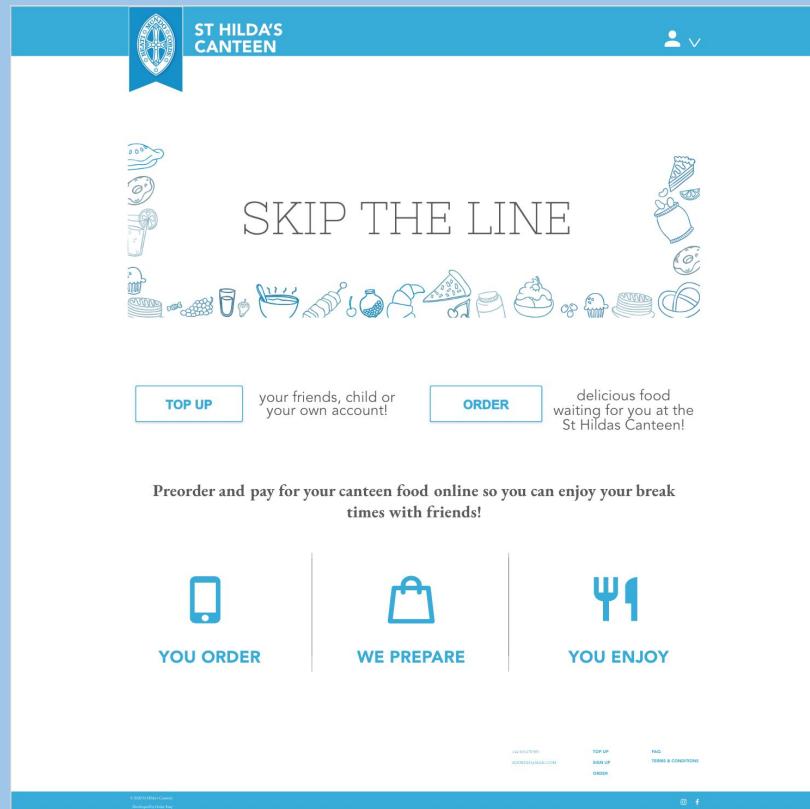
Top Up - Tessa

Order Form - Rylee

HOME PAGE Final Visual



The image shows the final visual design for the St Hilda's Canteen home page. The header features the school crest and the text "ST HILDA'S CANTEEN". Navigation links "SIGN UP" and "LOG IN" are located in the top right corner. A blue banner at the bottom contains the text "TOP UP", "your friends, child or your own account!", "ORDER", and "delicious food waiting for you at the St Hilda's Canteen!". Below the banner, a call-to-action reads: "Preorder and pay for your canteen food online so you can enjoy your break times with friends!" Three icons represent the process: a smartphone labeled "YOU ORDER", a shopping bag labeled "WE PREPARE", and a fork and knife labeled "YOU ENJOY". The footer includes links for "LOG IN/CREATE ACCOUNT", "TOP UP", "SIGN UP", "LOG IN", "FAQ", "TERMS & CONDITIONS", and "GIVE FEEDBACK".



This image shows a second version of the St Hilda's Canteen home page. It has a similar layout but with a different color scheme. The header features the school crest and the text "ST HILDA'S CANTEEN". A user profile icon is in the top right corner. A blue banner at the bottom contains the text "TOP UP", "your friends, child or your own account!", "ORDER", and "delicious food waiting for you at the St Hilda's Canteen!". Below the banner, a call-to-action reads: "Preorder and pay for your canteen food online so you can enjoy your break times with friends!" Three icons represent the process: a smartphone labeled "YOU ORDER", a shopping bag labeled "WE PREPARE", and a fork and knife labeled "YOU ENJOY". The footer includes links for "LOG IN/CREATE ACCOUNT", "TOP UP", "SIGN UP", "LOG IN", "FAQ", "TERMS & CONDITIONS", and "GIVE FEEDBACK".

HOME PAGE Final Justifications

The home page design effectively meets ethical implications through careful consideration of images, design and information. This is demonstrated in our home page design through:

- Ensuring we did not breach any intellectual property laws by designing our own infographic
- Carefully selecting the text content so it is not offensive or discriminatory towards our target audience and any other users

The home page design also addresses the heuristic of flexibility and efficiency through the “top up” and “order” navigation buttons. These buttons allow the user to ‘fast-track’ to their desired page rather than having to go through other pages that aren’t necessary to their interaction. This ensures our users can utilise their time efficiently and their time spent interacting with our program is kept to a minimum.

The three step infographic element addresses the usability heuristic, Help and Documentation. This is because the infographic represents the simple steps the user needs to undertake. The words used also relate to the users objective ‘Enjoy’ canteen food and the two other steps relate to how they can achieve this goal. The use of personal pronouns such as “You” and “We” adds to this idea of what the customers need to do and what the canteen will do in return. This prevents confusion with the function and goals of our product. This information is placed on the home page so that new users are educated of this information early on in their interaction. Icons and emphasised fonts have been utilised to attract the users eye.

SIGN UP Final Visual



ST HILDA'S
CANTEEN

SIGN UP LOG IN

Create your canteen account

First Name: John ✓

Last Name: Doe ✓

School E-mail: error@mail.com ✓

Student ID: 17023 ✕

Password: ***** ✕

Confirm Password: ***** ✕

CREATE ACCOUNT

+44 345 678 903
ADOBEINDIA MAIL.COM
TOP UP
SIGN UP
TERMS & CONDITIONS
ORDER

© 2020 St Hilda's Canteen
Developed by ClickEasy

Instagram Facebook

SIGN UP Final Justifications

The sign-up page addresses the accessibility implication very well as there is a clear visual hierarchy of information. This is demonstrated through

- The page title being the biggest and boldest font
- Inputs being visually equal
- 'Create Account' button having a shadow effect to draw the eye
- All text being on high contrast backgrounds such as charcoal on white, blue on white and white on blue

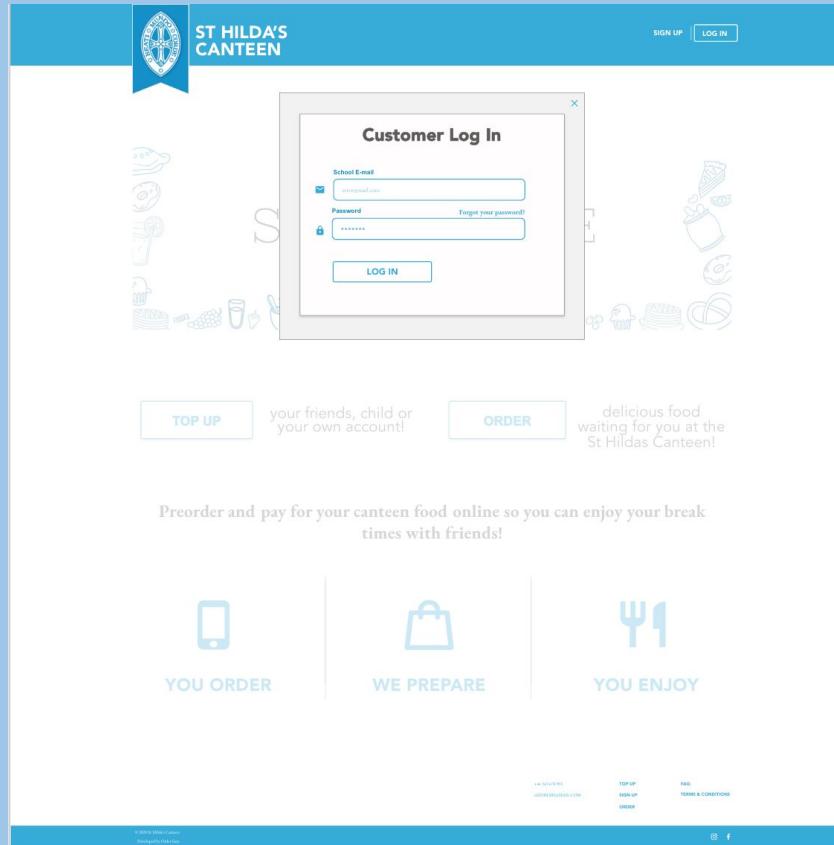
Through the use of representative icons, this page matches the real world and provides the user an alternative way to understand the function of our program/what inputs are requested.

The use of tick and cross icons also match real world functions while simultaneously keep the user updated and informed of the status of their input validity. Additionally, the employment of hover and active classes ensures the system is clearly communicating with the user of their mouse movements/location and the current page.

Due to the varying levels of technical maturity of our users, a specific emphasis was put on designing with language that the user can clearly understand so any ambiguity is minimised. Through interviewing representative members of our target audience, I am assured that the final design ensures all users understand what to input and any actions they need to perform without prompting.

The predominant use of the blue and white colour palette has been used to satisfy a major stakeholder. St Hilda's Collegiate School requested for our design colours and fonts to remain consistent with other marketing resources. This request also benefits our student and parent users as our designs are instantly recognizable as a St Hilda's product and have a similar layout to programs used frequently by our target audience at school.

SIGN IN Final Visual



The image shows the final visual design for the St Hilda's Canteen sign-in page. The header features the school crest and the text "ST HILDA'S CANTEEN". A "SIGN UP" button and a "LOG IN" button are visible. Below the header, there is a "Customer Log In" form with fields for "School E-mail" and "Password", and a "LOG IN" button. The background of the page is white with faint illustrations of various food items like bread, fruits, and pastries. At the bottom, there are three main calls-to-action: "TOP UP", "your friends, child or your own account!", "ORDER", and "delicious food waiting for you at the St Hilda's Canteen!". A central message encourages pre-ordering and paying online. Below this, three icons represent the service model: a smartphone for "YOU ORDER", a shopping bag for "WE PREPARE", and cutlery for "YOU ENJOY". The footer contains links for "LOG IN", "TOP UP", "SIGN UP", "TOP UP", "SIGN UP", "TOP UP", "SIGN UP", and "TOP UP", along with "TERMS & CONDITIONS" and "PRIVACY POLICY". Social media icons for Instagram and Facebook are also present.

ST HILDA'S CANTEEN

SIGN UP | LOG IN

Customer Log In

School E-mail: Password:

TOP UP your friends, child or your own account!

ORDER delicious food waiting for you at the St Hilda's Canteen!

Preorder and pay for your canteen food online so you can enjoy your break times with friends!

YOU ORDER WE PREPARE YOU ENJOY

LOG IN TOP UP SIGN UP TOP UP SIGN UP TOP UP SIGN UP TOP UP SIGN UP TOP UP SIGN UP

TERMS & CONDITIONS PRIVACY POLICY

© 2018 St Hilda's College. [View our Privacy Policy](#).

SIGN IN Final Justifications

The Sign In pop up has a well thought out design to ensure that the user is able to recover from any errors that are made in the process of signing in. This concept is demonstrated throughout many elements.

The first being the use “forgot your password” link above the password field. This enables the user to reset their password and essentially recover from the error of forgetting their password. This component addresses the heuristic of diagnose and recover from errors.

Another element that addresses this heuristic is the use of the cross in the right-hand corner. This allows the user to exit the tab and return to the home page. Additionally, this element demonstrates the heuristic of consistency and standards as the location of the cross of the top right hand corner is consistent with similar websites that our users interact with.

Another usability heuristic that is addressed throughout this page is the consistency of styling and structure of inputs with the other pages in our website. This helps the user to understand and become familiar with the input elements so they can immediately identify what and when inputs will be required. An implication that is addressed in this pop up is accessibility to all. Our program needs to have a fast loading time so users are not put off by wait times. Being time efficient is a key goal for our program. Therefore, this pop up contributes to this implication as it prevents another page being loaded.

The navigation bar provides the user with a high level of flexibility and freedom as they can return to the homepage, fast track to the login page or create an account. The minimalist design which utilises a consistent, complementary colour palette ensures the user is not overwhelmed and their eyes can focus on the important components.

TOP UP Final Visual



**ST HILDA'S
CANTEEN**

SIGN UP | LOG IN

Top Up any St Hilda's student account

First Name Last Name

Student Email

Search

TOP UP SIGN UP FAQ TERMS & CONDITIONS ORDER

© 2018 St Hilda's Canteen
Developed by Orla Day



**ST HILDA'S
CANTEEN**

SIGN UP | LOG IN

Top Up any St Hilda's student account

First Name Last Name

Student Email

Top Up Amount \$0.50 \$50

Selected Amount: **\$10**

POLI CREDIT CARD

PROCESS TOP UP

TOP UP SIGN UP FAQ TERMS & CONDITIONS ORDER

© 2018 St Hilda's Canteen
Developed by Orla Day

TOP UP Final Justifications

Through extensive research of similar products, it is guaranteed that the Top Up page follows industry trends and similarities. These include

- Using a slider to provide the user with maximum freedom
- Providing the user with two payment options (Debit and Non-Debit)
- Having a lower minimum top up value to address our lower income target audience

Another implication that this final design addresses is error prevention. As emphasised in our planning phase, this is an extremely important issue to confront as our program is handling monetary transactions. In the Top Up page, alerts are used to provide the user an abundance of opportunities to terminate or alter their decisions and subsequent transactions.

The strategic use of white space contributes to the design's aesthetic and ensures the user is not overwhelmed by the content of the page. A high level of consistency has been upheld between the designs in regards to aesthetic elements, placement of components and program behaviours. The shadowing effect on the buttons makes sure that the user understands what elements are clickable and what the main objective of each page is (end goal is to click the button). This style remains consistent between all designs.

ORDER FORM Final Visual

The image displays four wireframe prototypes of an order form interface for St Hilda's Canteen, arranged in a 2x2 grid. Each prototype shows a different state of the user interface, from a simple product list to a completed order summary.

Top Left Prototype: Shows a list of items under categories: SWEET, SAVOURY, DRINKS, and SNACKS. Each category has a dropdown arrow icon. Under SWEET, there are five items, each with a quantity input field (e.g., "Sea Salt Chips" with value "2.5"). A sidebar on the right shows a total of \$2.50.

Top Right Prototype: Shows a completed order summary. The sidebar on the right lists items: "3 x Biscuit \$1", "1 x Juice \$4.50", and a total of \$12.50. It includes fields for "Date for Pickup" (00/00/0000), "Time of Pickup" (Morning tea or Lunch selected), and a "COMPLETE ORDER" button.

Bottom Left Prototype: Shows a list of items with dropdown arrows. Under SWEET, there are three items. A sidebar on the right shows a total of \$2.50. A modal dialog box is open, showing filter options: "Vegetarian" (radio button checked), "Gluten-Free" (radio button unselected), and "Dairy-Free" (radio button checked).

Bottom Right Prototype: Shows a completed order summary. The sidebar on the right lists items: "3 x Biscuit \$1", "1 x Juice \$4.50", and a total of \$12.50. It includes a "Suggested by" section for "John Doe" with a balance of \$10, and a "LOG OUT" button.

ORDER FORM Final Justifications

The final design for the order form is compliant with the guidelines given by St Hilda's school, the fonts, colours, logos etc all align with how the school wished to be represented through our website. Through adhering to the given fonts, colours and logos, it ensured that aesthetically the design was appropriate for St Hilda's staff and students as the end users. It also is consistent with standards as it is consistent with other St Hilda's platforms and the St Hilda's brand.

Categorising the food items into the four separate categories of sweet, savoury, snacks and drinks was preferred by everyone we received feedback from. In doing this we are maximising the flexibility and efficiency of use and user control and freedom for the users as it means they don't have to scroll through large amounts of items they aren't interested in, especially if they already know what they want. St Hilda's students and staff as end users lead busy lives, one of the main goals of this website is to minimise time spent ordering canteen food so maximising efficiency of use through categorising the food items ensures we are meeting this goal as best as possible.

The ability to filter for dietary requirements ensures the system is just as accessible and easy to use for people with dietary requirements. Ethically, it ensures they are safe by allowing them to make sure what they are ordering is safe for their consumption. We want to make sure our website is accessible and safe for all students and staff which includes those with dietary requirements. It also allows for better user control and freedom as it prevents people with dietary requirements having to scroll through foods they can't eat.

The icons used in this design match with the real world making it easy for users to understand and use different functions such as the cart. The cart icon is a shopping cart which not only matches with the real world but is consistent with many online shopping platforms so is something that should be easily recognisable for our users.

Overall reflection

We have considered the relevant implications throughout the design process by sourcing only open source even for commercial use icons and unique graphics to abide by copyright and intellectual property laws. All the information published on our designs is relevant and honest to the St Hilda's Collegiate School brand and will not harm others. Our designs will be able to be used and accessed with ease by any individual (student, parent, staff member) who wishes to, including those who suffer from disabilities.

The colour and font in combination with our minimalistic design makes the program easy for the eye to follow. All text and icons are placed on high contrasting backgrounds to provide readable and visible content. The use of a consistent colour palette, design elements and a balanced use of white space to convey a clear message. The design matches the real world through the use of icons to represent the ordering process, utilisation of the user's language and incorporation of industry trends. We have included elements that were identified in the research stage that effectively promote the St Hilda's brand such as large hero images, call to actions, filtering, visual hierarchy and white space.

Iterative developments are clearly demonstrated in this slideshow. We believe we have created and selected a final design that is suitable and will captivate the target audience whether they be new or returning customers.

Adobe XD final prototype link

Key functions for LOG IN - how they are activated, what they do and what input they require

<u>Function name and activation</u>	<u>Input</u>	<u>Input Type</u>	<u>ID</u>	<u>Attributes</u>	<u>Validation</u>	<u>Feedback to the user</u>	<u>Actions</u>
validateLogIn Click on log in button	Email and password	Email and characters	emailLogInInput passwordLogInInput		Search within database with records that match (within the same record row) No input	Red colouring over both boxes Email doesn't exist in our records OR Password doesn't match	Nav bar changes to 'logged in' nav bar Pop up disappears

Key functions for SIGN UP - how they are activated, what they do and what input they require

<u>Function name and activation</u>	<u>Input</u>	<u>Input Type</u>	<u>ID</u>	<u>Attributes</u>	<u>Validation</u>	<u>Feedback to the user</u>	<u>Actions</u>
validateName Onchange of name inputs	Name	Text	firstNameInput lastNameInput	Required Letters, - and ‘ Min = 2 char Max = 50 char	Mismatch to the pattern and no input at all	Error alert with characters and colouring Add cross	Add tick and colour the input box green

Key functions for TOP UP- how they are activated, what they do and what input they require

<u>Function name and activation</u>	<u>Input</u>	<u>Input Type</u>	<u>ID</u>	<u>Attributes</u>	<u>Validation</u>	<u>Feedback to the user</u>	<u>Actions</u>
searchName Button clicked	First and last name	Characters	firstNameTopUpInput lastNameTopUpInput		Search within database with records that match (within the same record row) No input	Red colouring over both boxes Name does not exist in our records OR First and Last name do not match	Top up slider will appear Name input disabled

Key functions for ORDER FORM- how they are activated, what they do and what input they require

<u>Function name and activation</u>	<u>Input</u>	<u>Input Type</u>	<u>ID</u>	<u>Attributes</u>	<u>Validation</u>	<u>Feedback to the user</u>	<u>Actions</u>
validateOrderItems	Items	array		Not more than 5 At least 1 item			
validateDate	Date	calender	pickUpDate Input	Within the next 3 days (after 8am) Can't be in the past		Alert message and colouring	
validateTime	Pickup Time	Radio button	pickupTime Input	One has to be selected		Alert message and	