1. Capture

What are the **inputs**? What are the different kinds of data?	FLAVOUR, CONTAINER SIZE, TOPPINGS TYPES, PRICE FOR EACH
What do you need to **capture**?	DATABASE TO STORE TABLES FOR EACH.
What **validation** do you need?	FLAVOURS ARE ONLY 3 KINDS 6 KINDS OF TOPPINGS PRICES ARE DIFFERENT.

2. Process:

What data gets sent back to the server?	THE COMBINATION OF SELECTION BY THE USER.
What happens to it to create the Output? *What are the verbs?*	MERGE THE SELECTED OPTION TO CREATE A PRICE
What limits do you need to take into consideration?	ONLY ONE CHOICE FOR EACH.
What else might be tricky?	IF TWO PREFERED CHOICES ARE IN A SAME TER CATAGORY

4. How to make it work?

What technical components do you need?	HTML. DATABASE FUNCTIONS
Which technical elements do you know already?	HTML DATABASE FUNCTIONS
What technical elements do you not know yet?	

3. Display:

What data gets re Turned? How many kinds of data?	PRICE (THE COMBINATION OF SELECTED)
Does anything else happen?	CONFIRMATION FOR THE PURCHASE

Name: YONGAMA   Date: 17/11/2020

DIRECTION / INTENTION:

codeX Sprint Goal

FINISH OFF WAITERS - APP

GOAL:

WAIT FOR A REVIEW THEN ACT UPON THE INSIGHTS SHARED.

☆ **Why is it IMPORTANT?** What purpose does it fulfill?

TO MAKE SURE DESCRITION IS MAINTAINED

☐ Relevant

✓ **How will I know / show when it's DONE?** What will it look like? Where will we see it?

ONCE EACH USER CAN ONLY SEE THAT OF WHICH THEY ~~CAN~~
INSERTED & ADMIN TO VIEW EVERYONES SHIFT

☐ Specific ☐ Measureable

⚙ **What SKILLS do I need?**

Which do I have:

Which do I need to acquire? Can I add that to the goal?

HTML & JAVASCRIPT

☐ Achievable

⏰ **How long will it take to complete the goal?** What steps are involved & when will I do them?

TILL FRIDAY OR MONDAY THE LATEST

☐ Time-bound ☐ Achievable ☐ Measureable

stop0: **What else might STOP ME FROM SUCCEEDING?** What mitigating steps can I take?

ONCE I PROCRASTINATE OR NOT TESTING THE FUNCTIONS

☐ Achievable

SMARTer Goal:

☑ Specific   ☑ Measureable   ☑ Achievable   ☑ Relevant   ☐ Time-bound

Problem Solving Template: Unpacking a Challenge

1. Restate: What am I being asked to do?

What are the **verbs**?

2. Visualize:
Workflow: Inputs - Process - Outputs
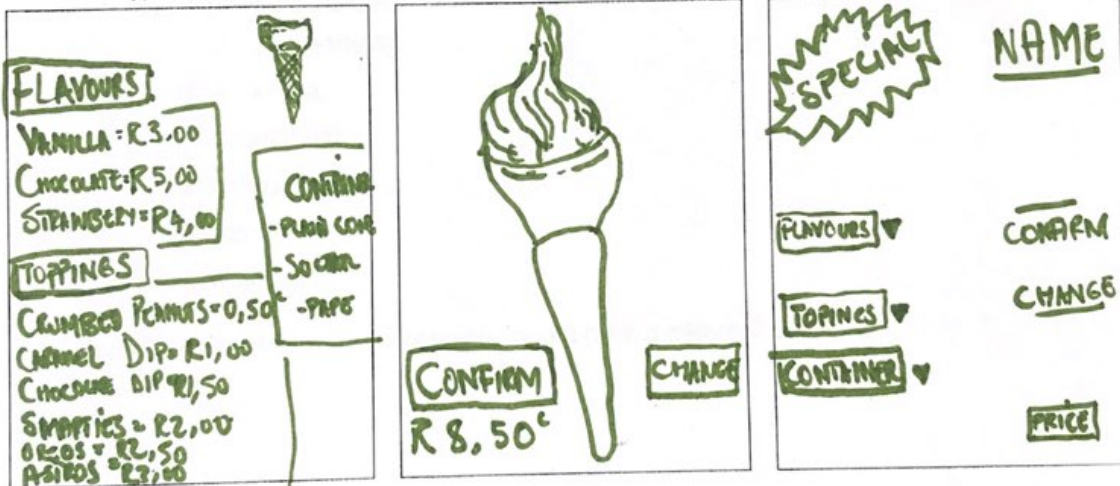
Inputs   Process   Outputs

Prototypes (only as many screens as you need)

What happens in each part of the screen?

_____   _____   _____
_____   _____   _____
_____   _____   _____
_____   _____   _____

The ice cream widget

Create a widget that can calculate the price of an ice cream. The widget should allow users to select a flavour, the type of container to use and the toppings to add to the ice cream. Once users selected all the options they want - they can click on the 'Get price' button to get the total cost of the ice cream displayed on the screen. (You could also display the price in real-time if you want as the user selection changes.)

The widget:

- should calculate the price of the ice cream based on the options that the user selected.
- should allow for three or more flavours, three of more different containers and five or more toppings.

Possible flavours are:

- Vanilla, Chocolate and Strawberry.
- Containers could be: Plain Cone, Sugar Cone & a paper cup.
- Toppings could include:
    - Crumbed peanuts,
    - Caramel dip,
    - Chocolate dip,
    - Smarties,
    - Oreos
    - Astros

Each flavour, container and topping should have a different price.