

Problem Solving Template: Unpacking a Challenge

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

to create ice cream App that calculate the price of ice cream and return total cost for the users selection

What are the verbs?

2. Visualize:

Workflow: Inputs - Process - Outputs

Inputs

- get price button
- # selector
- container choices
 - o Plain Cone
 - o Sugar Cone
- flavours o chocolate
 - o Vanilla
 - o Strawberry
- Toppings o Oreo
 - o Astro

Process



- select choices
- select, insert, update, delete data
- Summary details of items selected


Outputs

- total cost
- price for each flavour, topping, container

Prototypes (only as many screens as you need)

Please select your container

 R22
  R10

 R30

Add to bill

Please select flavour

vanilla ▾
 chocolate ▾
 strawberry ▾

Add

Please select your toppings

Oreo ☒ Astro ☒
 Caramel ☐

What happens in each part of the screen?

First click select container and add it to the bill page

We will need a forth page for bill total and summary items selected