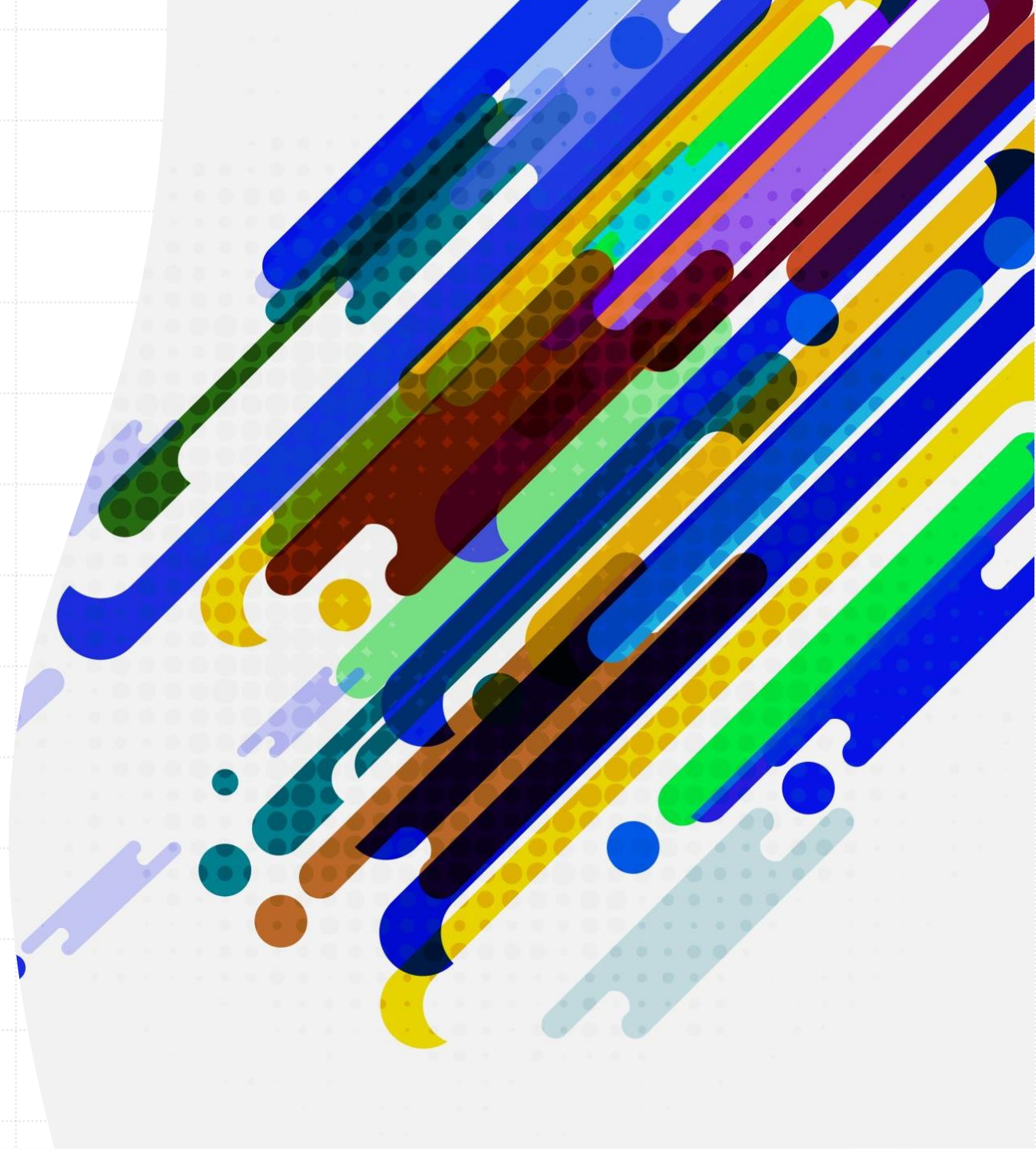




# Feed Me! – Terminal Application

T1A3

Raymond Vo





# Agenda

Overview of App

Features

Structure

How the app functions

Code logic

Challenges

Ethical Issues

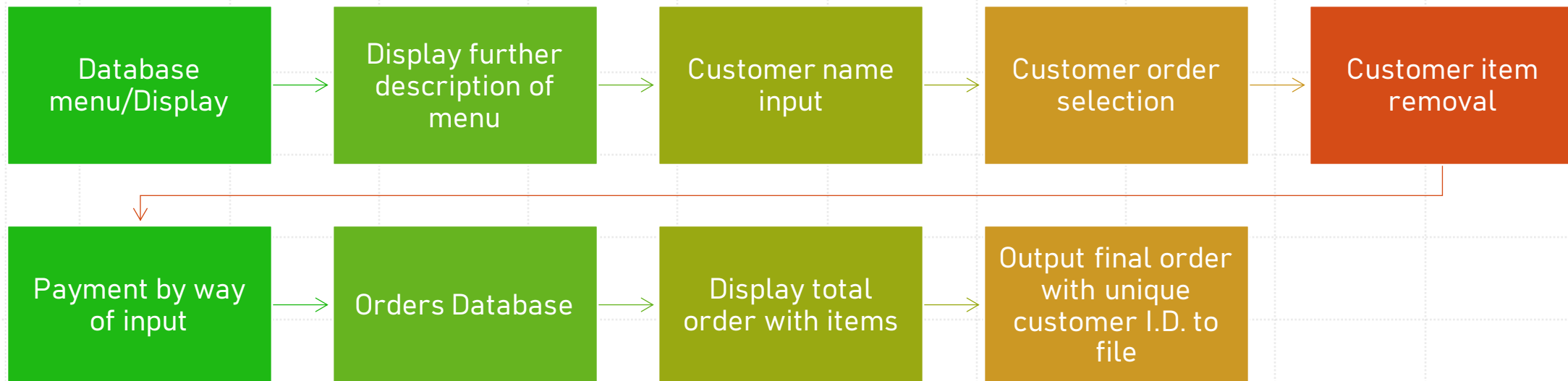
Favourite Parts

# Overview

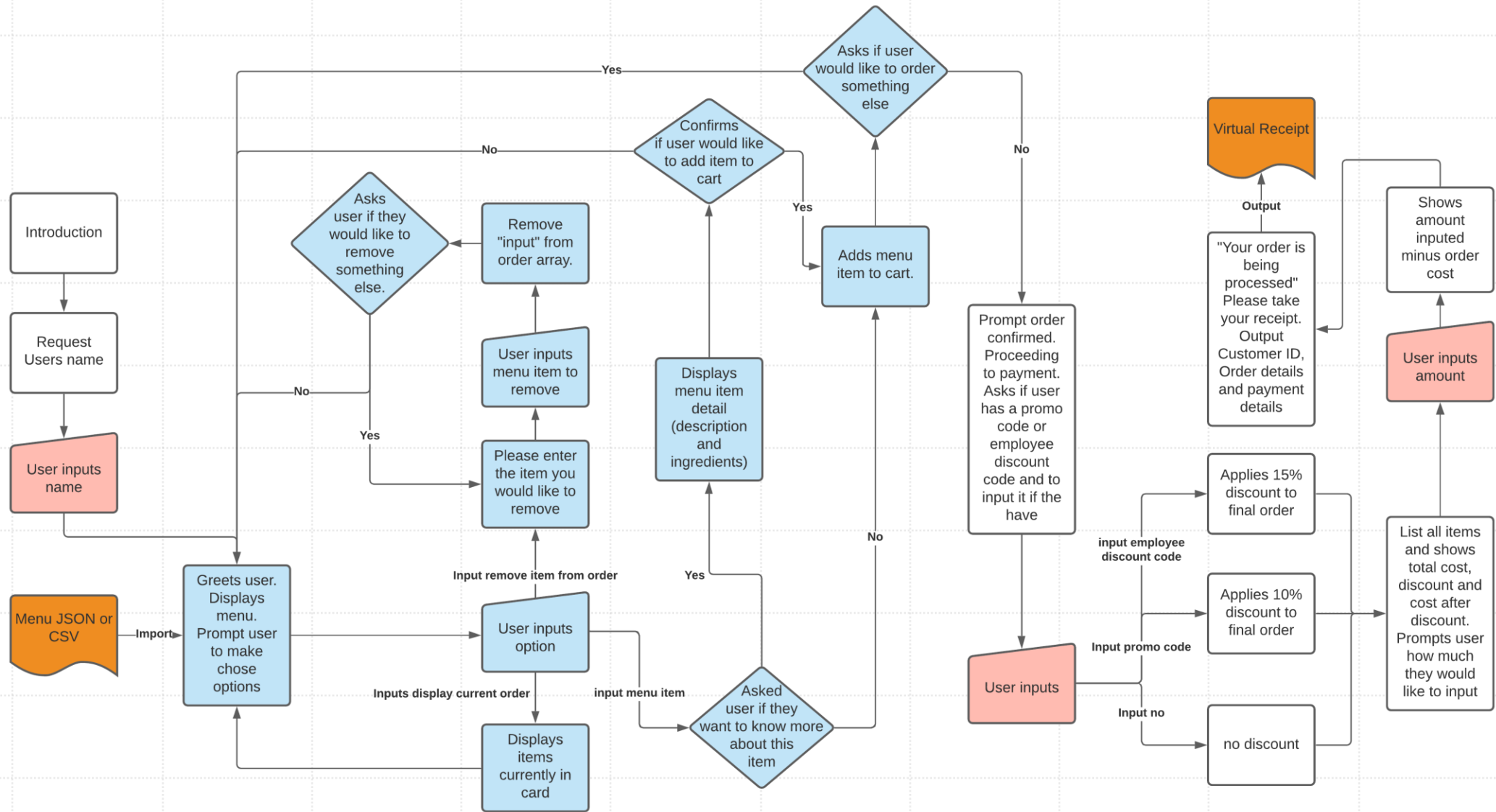
The Feed Me! Terminal Application is an easy-to-use point-of-sale program for the fictional fast-food restaurant “Feed Me!”. The program will allow users to see the completely original menu for the restaurant and select the items they would like to order. All that needs to be done is for the customer to input their name, add their items to the virtual cart and confirm with payment. The result will be an receipt with their order, then the program can restart for the next customer.

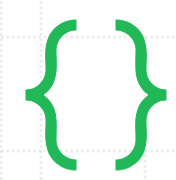


# Features



# Structure

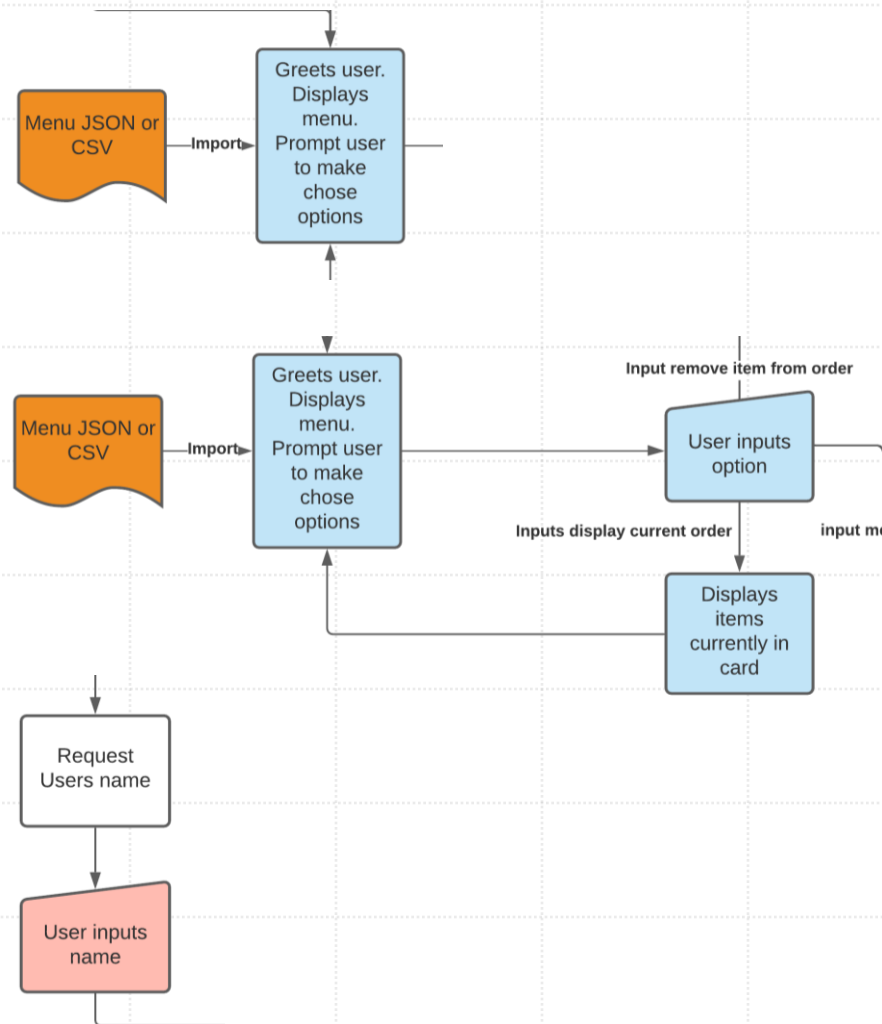




# Code logic

# Code logic – features

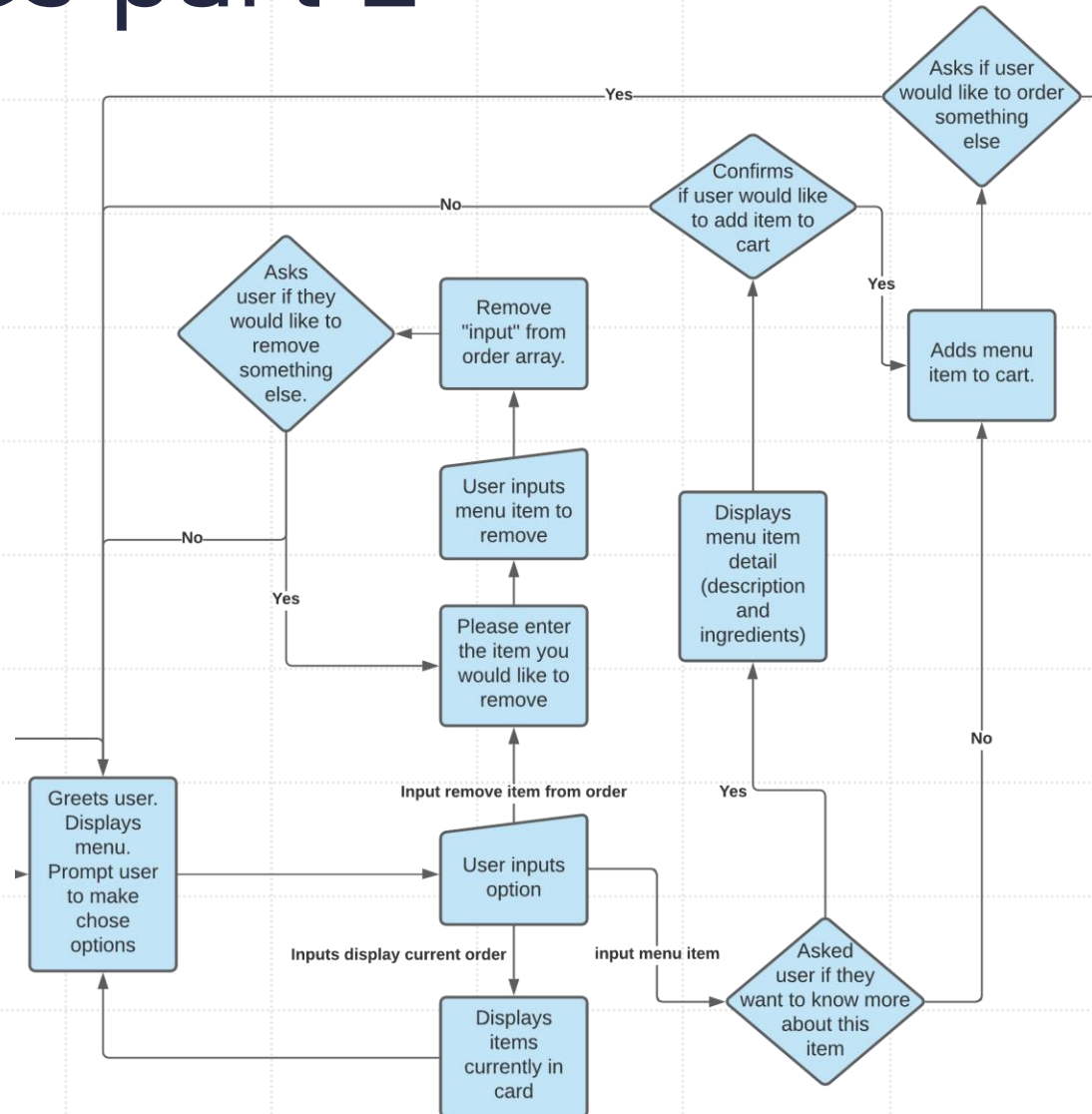
- Database menu/Display
  - Import CSV or JSON – requires further research
- Display further description of menu
  - as above
- Customer name input
  - Store customer name as variable and output with welcome message





# Code logic – features part 2

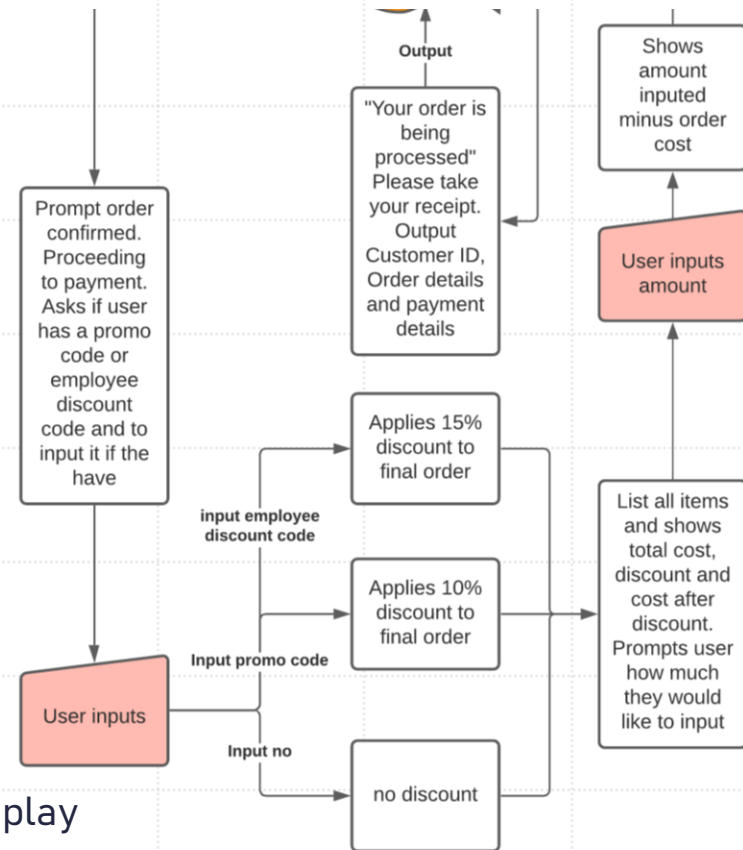
- Customer order selection
  - Customer can input number that will add item selected to hash (cart)
  - Can ask for help – quick explanation of app
  - Display current items in order
  - Remove items from current order
  - Looped
- Customer item removal
  - Customer can navigate to prompt that will delete the item they input
  - If item is not there will rescue advising item does not exist and let the retry
- Orders Database
  - Orders selected will be kept in hash (item => price)





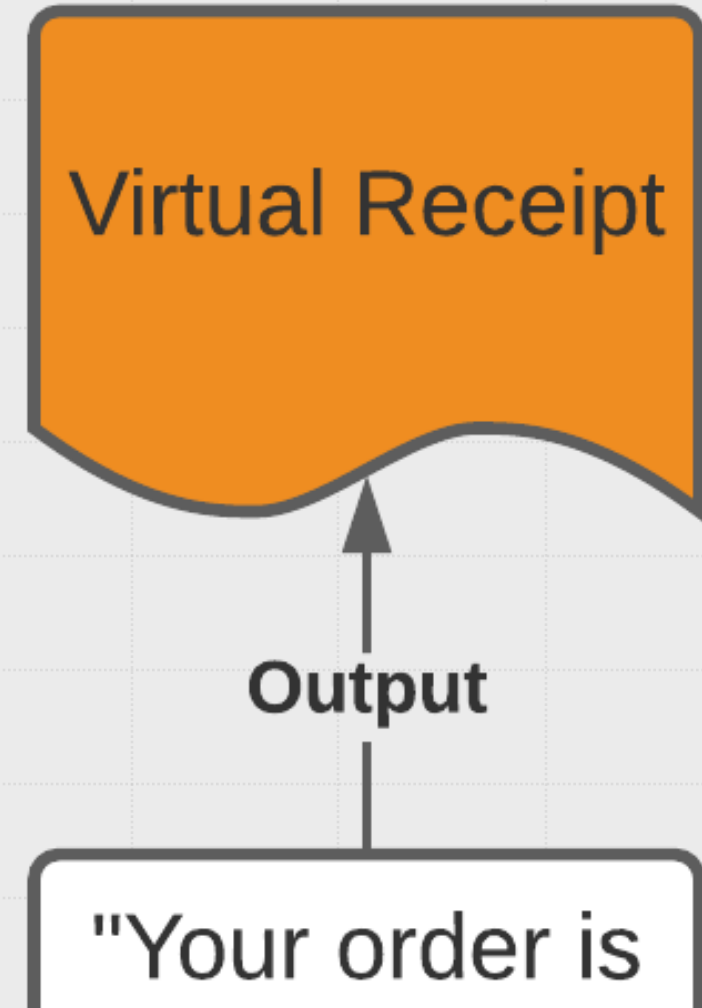
# Code logic – features part 3

- Payment by way of input
  - Customer inputs amount they would like to pay
  - Program calculates difference printing how much they receive back
  - Supplement for cash
- Reduction in price with Special input
  - Customer can enter special code to apply discount to their total order which is calculated at the end
- Display total order with items
  - Iterate through hash that's been keeping track of ordered items and display for customer to see.
  - Sum hash values for total cost
  - Apply discounts



# Code logic – features part 4

- Output final order with unique customer I.D. to file
  - Exports receipt data to JSON or CSV – further research required
  - Generate unique customer ID by random





# Challenges

Planning

Sticking to  
time limits

Limited  
knowledge

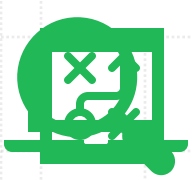
Algebraic  
thinking

Personal  
issues



# Ethical issues

- Accessibility
  - App is not optimised for visually impaired
  - Potential improvement could be screen reader for interface
- Dietary requirements
  - Currently no function to change orders.
  - Available with future update



# Favourite parts

Challenge

Exploration

Google/Stackoverflow