

Point of Sale







A POS or point of sale is a device that is used to process transactions by retail customers. A cash register is a type of POS. The cash register has largely been replaced by electronic POS terminals that can be used to process credit cards and debit cards as well as cash.

A POS may be a physical device in a brick-and-mortar store or a checkout point in a web-based store.

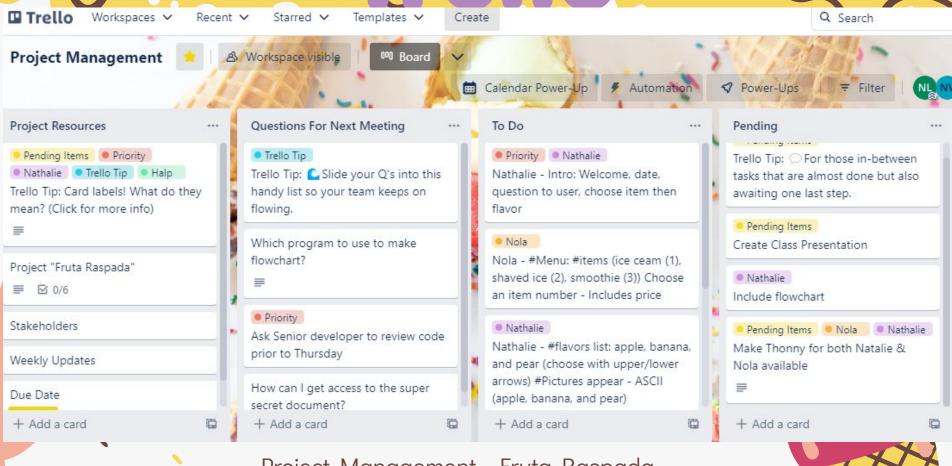
The software for POS devices is growing increasingly elaborate, with features that allow retailers to monitor inventory and buying trends, track pricing accuracy, and collect marketing data,



Retailers can track pricing, inventory changes, gross revenue, and sales patterns.

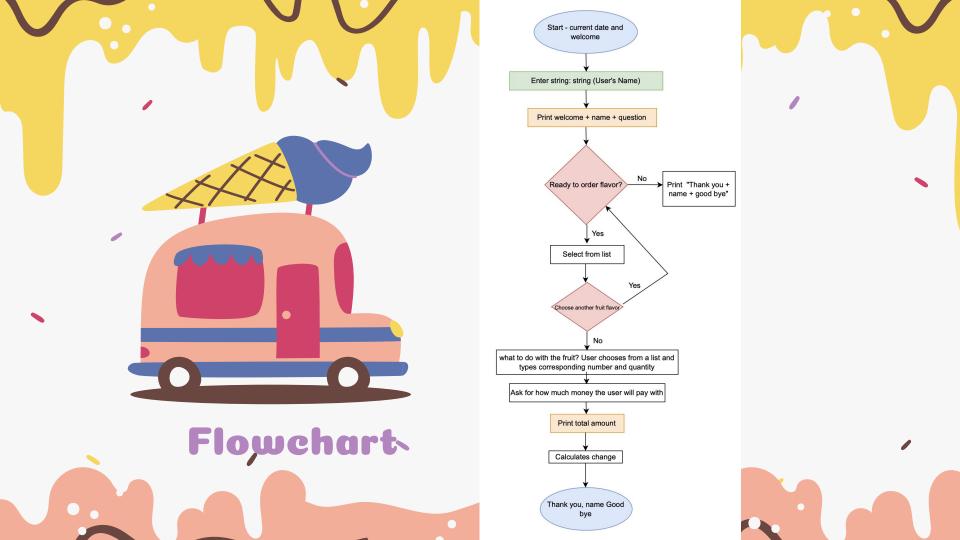
- The POS systems that monitor inventory and buying trends
- -help retailers avoid inventory issues
- -tailor purchasing & marketing to consumer behavior.





<u>Project Management - Fruta Raspada</u>





Python functions, loops, and conditional statements, used for "Fruta Raspada app",





Block of code that only runs when it is called:

input() → Takes input from the user (converts to string)

print() → prints specified
message to the screen

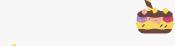
quit() → Used to exit the program. The quit function raises a SystemExit exception when executed



Loops

Control flow statement that is used to repeatedly execute a group of statements as long as the condition is satisfied:

While loop → Used to iterate over a block of code as long as the condition is true



if, elif, else Statements

If → Conditional statement. It decides whether certain statements need to be executed or not. Checks for a given condition, if it is true, then the code inside the "if" block will execute

elif \rightarrow Short for else if. It checks for multiple expressions. If the condition for if is False, it checks the condition of the next elif block and so on. If all the conditions are False, the body of else is executed

else \rightarrow decides what to do if the condition is False

Libraries used for "Fruta Raspada app"

Collections of modules that contain functions and classes that can be used by other programs to perform tasks.

Python modules can get access to code from another module by importing the file/function using import. The import statement is the most common way of invoking the import machinery

Facilitates the process of asking the user questions, parsing, validating answers, managing hierarchical prompts and providing feedback - Gives limited options to users

Python's built-in datetime library. Used to manipulate date and time object data

ightarrow inquirer

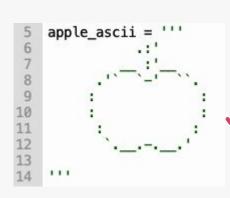
datetime



ASCII Art

American Standard Code for Information Interchange

Images that are created using the ASCII text characters. The images are created by either converting an existing image to ASCII characters by hand or starting from scratch and using the characters to create a decent approximation of something.





Source: https://ascii.co.uk/art

Indentation in Python



Spaces at the beginning of a code line.

Indentation in Python is very important - indicates a block of code - it is not for readability only, like other programs

Our Process

Menu

- 1. Shaved Ice \$5
- 2. Smoothie \$6
- 3. Ice Cream \$4
- 5. Payment
- 6. Exit

Fail-safe

```
try:

Menu_item =

int(input("Choice")
```

except:

Menu_item =
int(input("Choice')

While (1)

```
if (menu_item ==1):
   quantity=int(input(
    "Enter quantity:")
```

```
elif (menu_item
==2):
  quantity=int(input(
    "Enter quantity:")
```

