Members: Alexandru Cioanca, Andrew Dutton, Dustin Phan, Gabriel Molina, Roberto Carvalho Brigagao, Thuan Nguyen

Date: 02/22/2024

Sharktooth Software™

Project Summary and Description:

Developing a Point of Sale (POS) system tailored for both restaurants and grocery stores. The system will streamline transactions, inventory management, and reporting. It aims to enhance efficiency and accuracy in sales processes while providing user-friendly interfaces for staff and management. This comprehensive solution will incorporate features specific to each industry, ensuring seamless operations and improved customer experiences.

Project Responsibilities:

- Needs to be modular and easily change by restaurant/grocery manager
- Need to work seamlessly on different types of devices (web, mobile, computer)
- Easy for users to use while also being easy for managers to edit and maintain
- Needs to be able to run

Member Responsibilities (still working on this):

Project Manager (1) -

Code Monkeys (2 ~ 3) -

Documenters (1 ~ 2) -

Test Writers / Testers (1 ~ 2) -

Requirements:

- Functional
  - Ability to click / tap on an item and get a description of what the item is
  - Update itself to accurately reflect quantities available
  - Be able to manage financial transactions securely
  - Display items that users have purchased/ are currently purchasing
- Non Functional
  - Be responsive enough that it does not anger users when they have to use the system

○ Need to be able to run in a standalone system not requiring a connection to an outside system
○ Be secure

Use Cases:

- Case 1: Customer makes an order from the table using a tablet. The order will contain the table's number for identification.

  There will be a menu for drinks and food with pictures, description and price.

  If the order is type food, the kitchen module will print a coupon with order details.

  If the order contains bar items, the server will prepare and bring them to the table.

  Once an order is delivered, the server can mark it as done in the system.

  When the customer wants to check-out, the server will bring a credit card device (easier, not handle PCI compliance).

  Management will have a dashboard to see table occupancies, profit for the day, etc.

Ghant Chart Living Link:

https://csulb-my.sharepoint.com/:x:/g/personal/andrew_dutton01_student_csulb_edu/ETUJiFWVDe5Kgcu93ALa4NoBlavzZOyQ2ANsL69buO052g?e=qav0KC

Ghant Screenshot Currently (will increase in size as we progress):

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Project start: **Thu, 2/15/2024**

Display week: **1**

SIMPLE GANTT CHART by Vertex42.com
https://www.vertex42.com/ExcelTemplates/simple-gantt-chart.html

TASK	ASSIGNED TO	PROGRESS	START	END
Initiation				
Define goals	All Team	30%	2/15/24	2/22/24
Creating Use Cases	All Team	10%	2/15/24	2/17/24
Setup Gantt Chart	All Team	30%	2/15/24	2/19/24
Define Member Roles	All Team	10%	2/15/24	2/20/24
Build Team	All Team	100%	2/15/24	2/15/24
Define Requirements	All Team	10%	2/15/24	2/15/24

Feb 12, 2024 — Feb 19, 2024 — Feb 2...