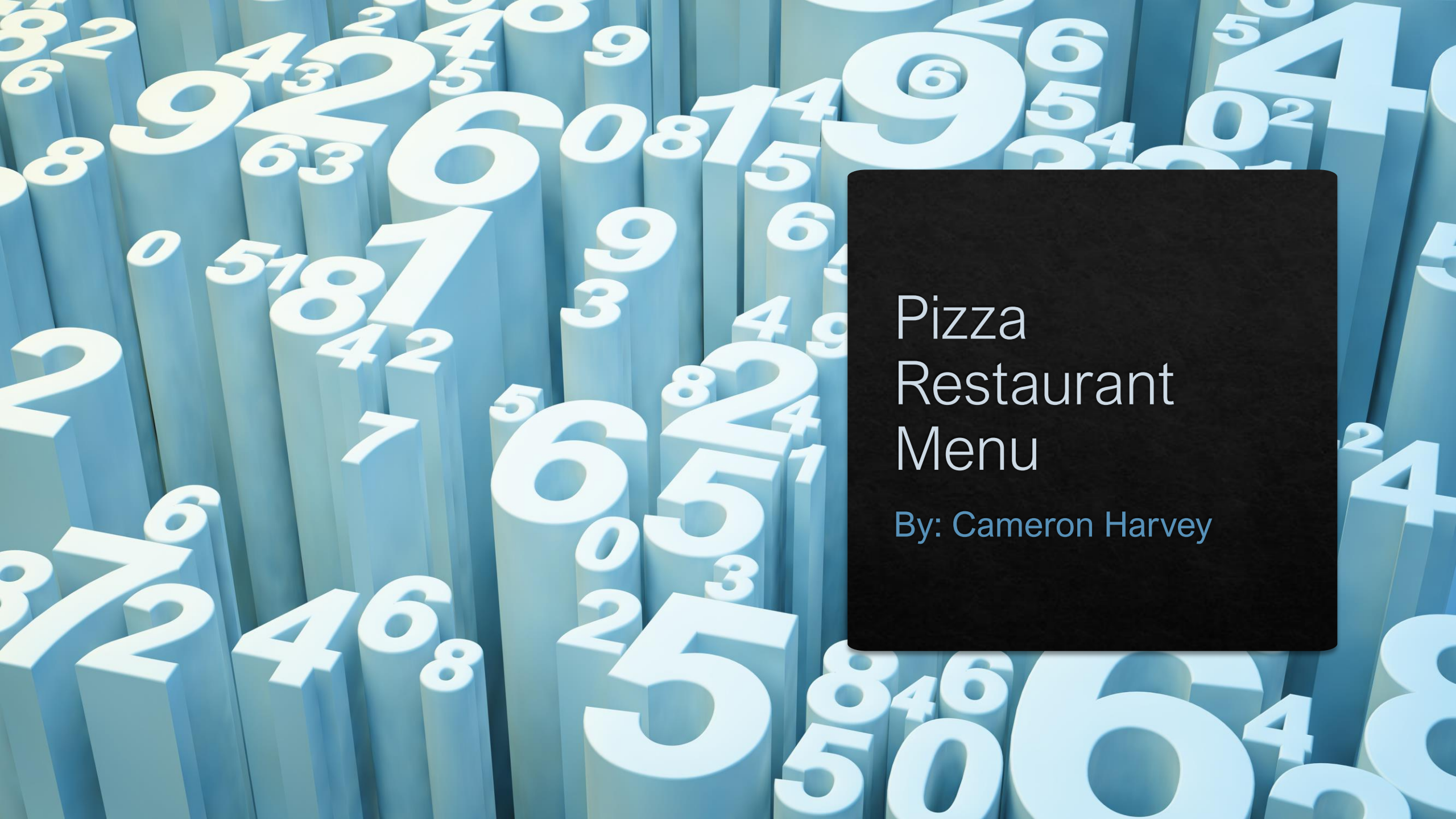

Pizza Restaurant Menu

By: Cameron Harvey

Program Purpose

Program will list a menu for customers to order from.

Menu will contain all items offered by a pizza restaurant.

Users will be able to choose the items they wish to purchase and receive a total amount for the order upon completion.

Goals

Menu

Repeats till user ends order

Lists main items, sides, and beverages

All items ordered will be printed at the end

Price Calculation

Total price should be calculated

Printed when user ends their order

Price should be correct

Error Check

Unaccepted input by the user should return an error

Menu Design

Menu is repeatedly printed after each item is chosen by using a while loop with a Boolean value as the control.

User input is obtained in each loop by the user inputting a character value which corresponds to the item they want to purchase.

The menu is formatted for easy readability.

Price Calculation

A float variable holds the total price for the customer's order.

Upon adding an item to the order, the total price is updated and printed.

The final price is printed once the order is completed a long side of the items ordered

Handling Errors

If a user inputs something not supported by the program, an error message is printed to the console, and the program returns to the menu.

The price and current list of items ordered is not effected by any error made while ordering.

State Diagram