Part 1: User Interaction Document

Application Name: Project Week 1 - Simple Calculator

Developer: Eric Martinez

What does the user see when the app starts?

A line like:

Week 1 Project - Simple Calculator by Eric Martinez

A welcome message:

Welcome to the Simple Calculator! You will enter numbers and I’ll show you the result.

Instructions / Overview

The app performs two types of operations:

Integer addition

Floating-point subtraction

It will ask the user for values one at a time (not in formula format).

Results will be shown in the format:

10 + 5 = 15

12.75 - 8.25 = 4.50

All floating-point results will be rounded to 2 decimal places.

Input Method

Each number will be entered separately.

Operations are pre-set (add for integers, subtract for floats).

Error Handling

If input is not a number: display

"Invalid input. Please enter a valid number."

Division by zero is not part of this version, so not applicable.

If anything breaks beyond handling:

"An unexpected error occurred. Try again."

No handling for zombie apocalypse (yet).

Memory Function

No memory functions in this version.

Exit Method

User types “exit” when prompted after the operations.

Alternatively, they can close the console.

A screenshot of a computer

AI-generated content may be incorrect.