UI Engineering

Code Exercise Brief

V1.6 (JMSL)

Code Exercise

▸ Overview

The product team has requested for a new single page website to be built, the purpose of the site will be to host a series of useful widgets with a consistent look and feel to help customers with financial challenges.

The first launch of the site will only contain a simple calculator giving our customer the ability to perform mathematical operations on values entered into the calculator.

Future releases of the site shortly after will contain new widgets that will perform similar calculations just with a different context such as a journey expense calculator, mortgage calculator etc.

Your task is to build the calculator widget for the first launch following best practices and principles.

Requirements

▸ ## Task 1

You will need to setup your local workspace, the setup should allow for the calculator you produce to be visible in a browser.

▸ ## Task 2

You will need to build the calculator component so it works on any browser of your choice. What you produce must be functional as a calculator, it should provide a good user experience and it can be styled to your choice provided it looks like a calculator.

▸ ## Task 3

You will need to demonstrate your calculator supports the following example scenarios:

Scenario 1: 20 multiplied by 20
Scenario 2: 45 plus 45
Scenario 3: 20 divided by 5
Scenario 4: 100 minus 20
Scenario 5: Reset calculator to 0

▸ ## Task 4

You will need to submit your source code by uploading it to a public GIT repository tool or emailing a ZIP file of your source code, if uploaded to GIT it must be removed once downloaded by Auden.

Thank You!