

**INTERNATIONAL SCHOOL**

**CAPSTONE PROJECT 1**

**CMU-CS 246 HIS**

**PROJECT PLAN DOCUMENT**

Version: 1.1

**CALCULATION SOFTWARE – CS**

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Da Nang, 01/2024

**PROJECT INFORMATION**

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**PROJECT PLAN DOCUMENT**

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## 

# INTRODUCTION

## PURPOSE

* User interface design document for calculation functions
* Be the primary document driving the implementation of the user interfaces.
* Introduce interface design for the reader. Including the background, content information display, command buttons.

## SCOPE

* This document helps to better understand the interface of the System, detailed specification components and function of the System.
* With this document, the development team can understand the structure and composition to create a consistent and complete system.
* Overview of the stages and modules of the software and create a complete interface.

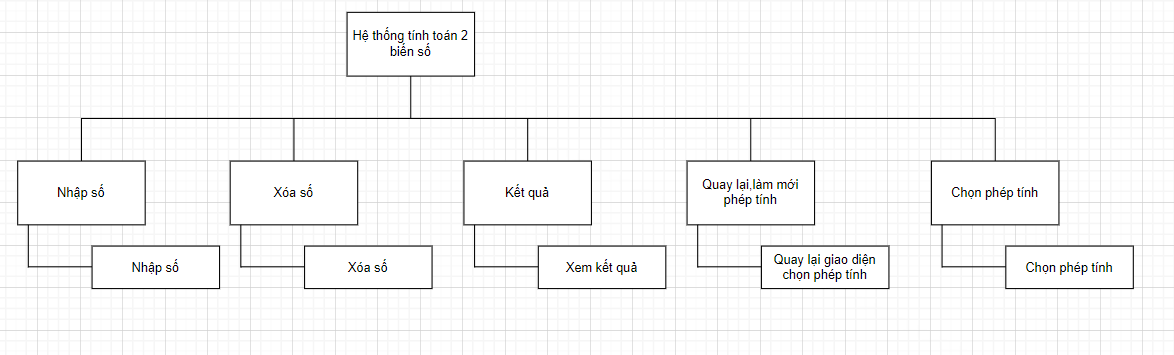
## SCOPE

This document is intended for the following audiences:

* Technical reviewers including:
* Scrum Master
* Product owner
* Implementer, including:
  + Developers.
  + Testers.

# LIST OF USER INTERFACE

## BUSINESS FUNCTION DIAGRAM:



*Figure 1: Business Function diagram*

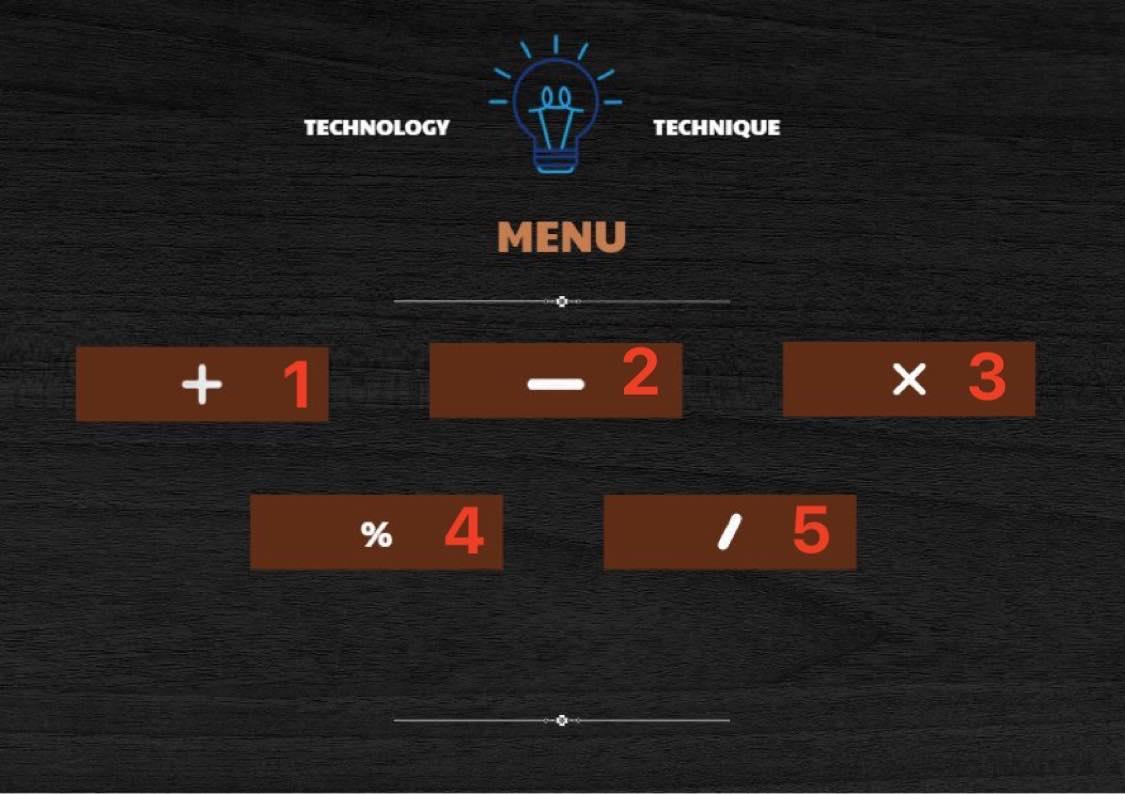
## WEB APP:

| **User Interface ID** | **UI Name** | **Description** |
| --- | --- | --- |
| UI-01 | Calculation selection page | This page is used to select calculations when you want to calculate |
| UI-02 | Addition page | This page is used to calculate addition of 2 numbers |
| UI-03 | Subtraction page | This page is used to calculate subtraction of 2 numbers |
| UI-04 | Multiplication page | This page is used to calculate multiplication of 2 numbers |
| UI-05 | Mod operation page | This page is used to calculate mod operation of 2 numbers |
| UI-06 | Division page | This page is used to calculate division of 2 numbers |

*Table 1: List of Interface*

# DESCRIBE USER INTERFACE

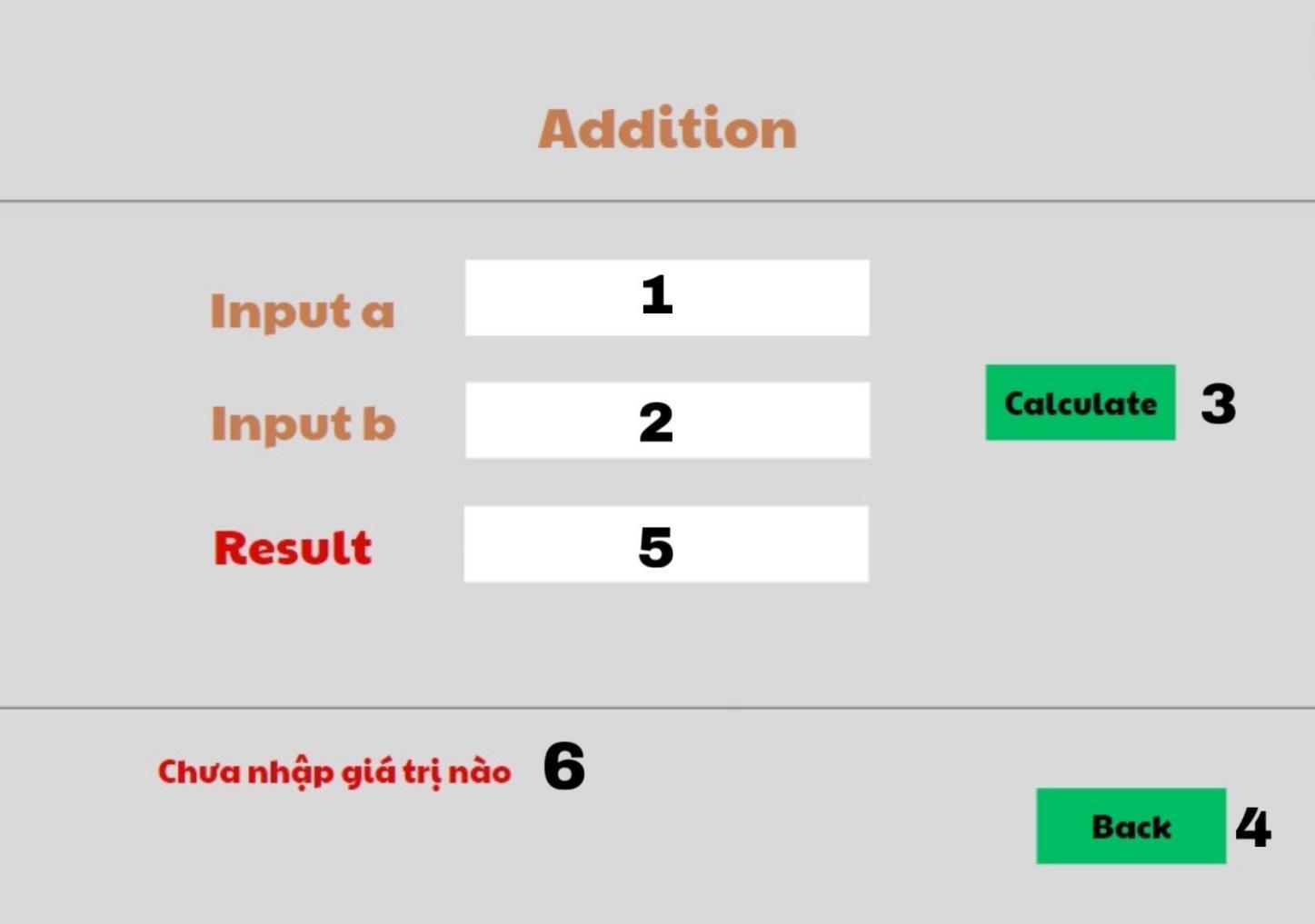
## 1. CALCULATION SELECTION PAGE

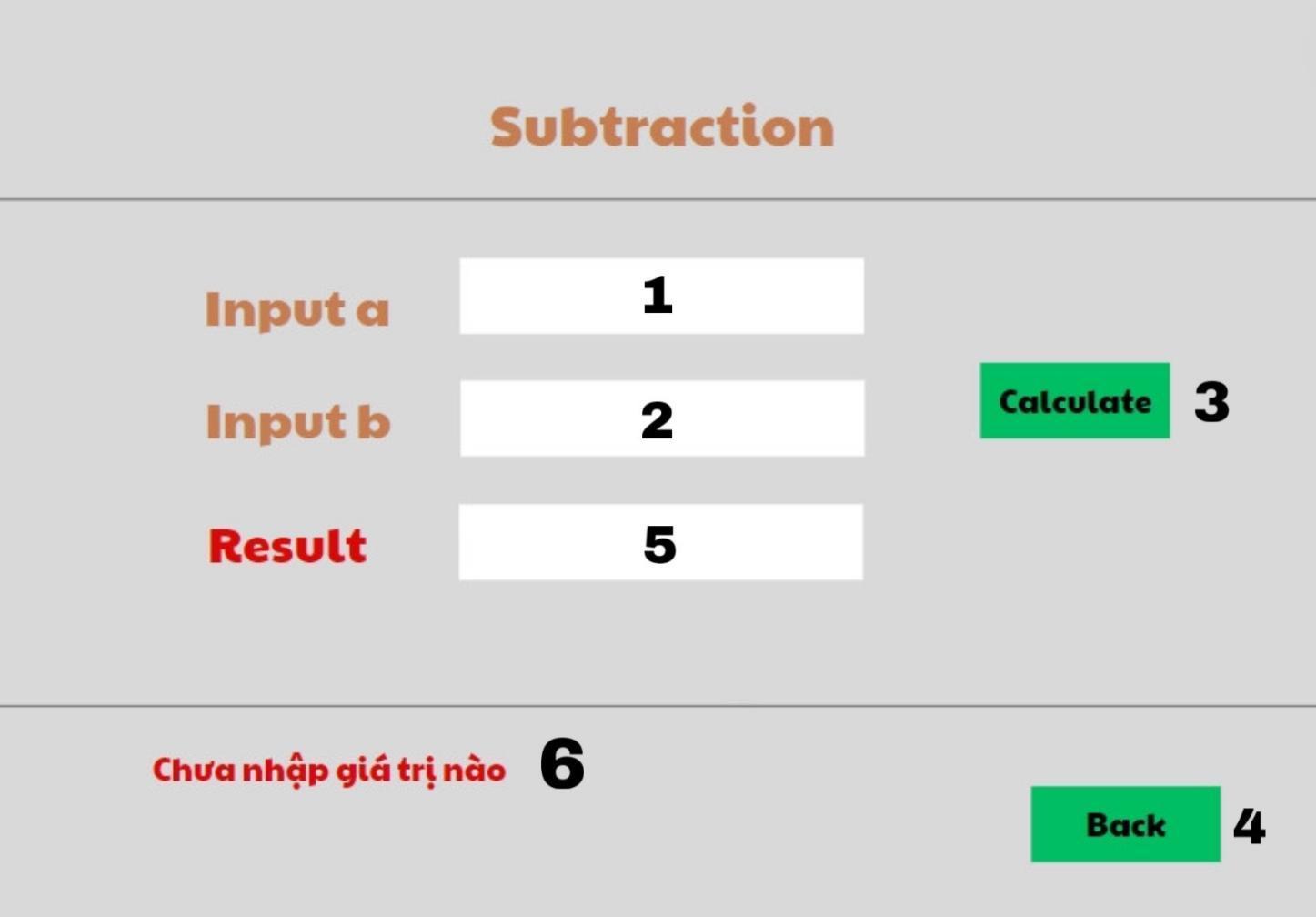
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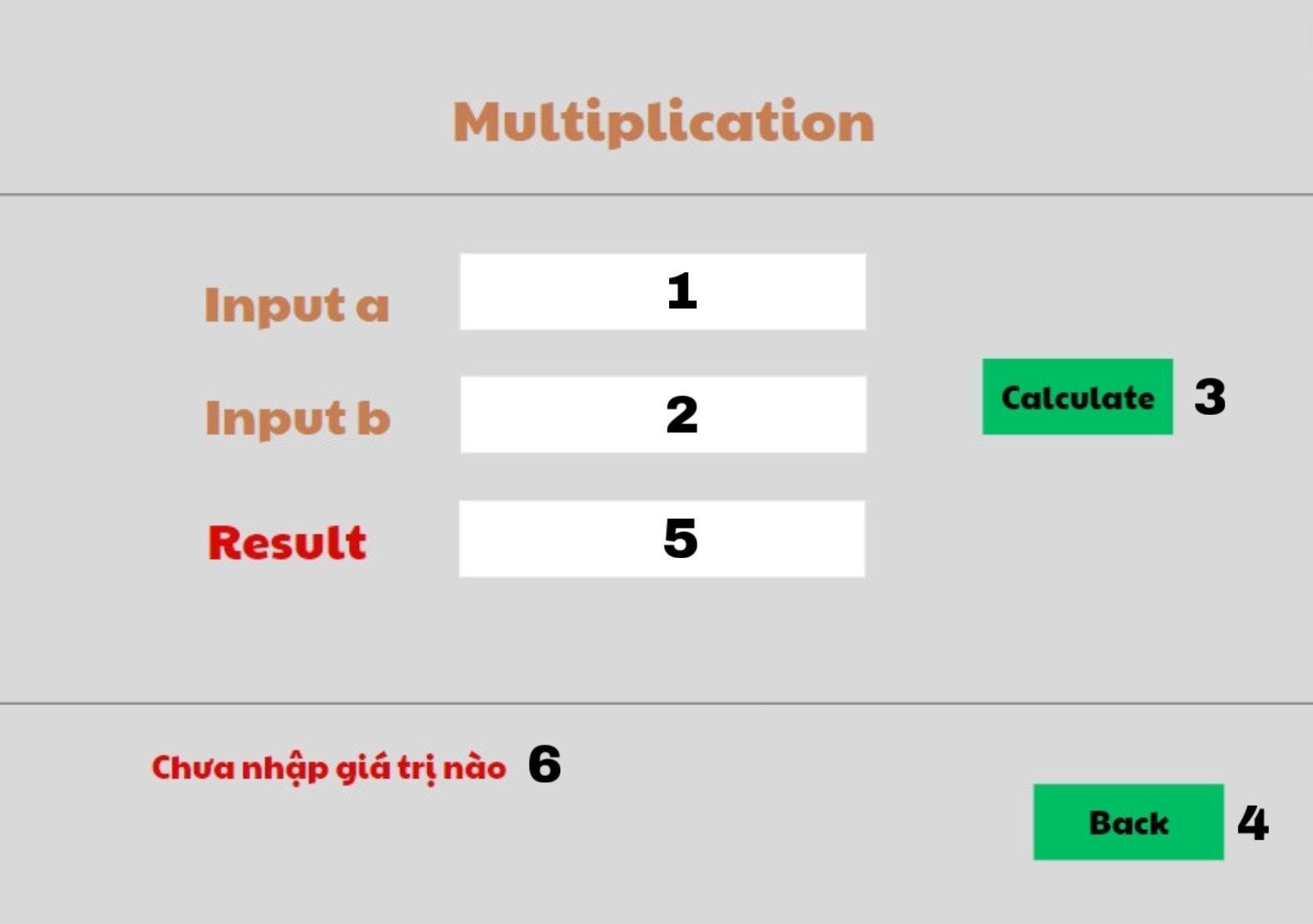
| **ID** | **Condition** | **Control Type** | **Target** |
| --- | --- | --- | --- |
| 1 | Press | Button | Click to go to the addition page |
| 2 | Press | Button | Click to go to the subtraction page |
| 3 | Press | Button | Click to go to the multiplication page |
| 4 | Press | Button | Click to go to the mod operation page |
| 5 | Press | Button | Click to go to the division page |

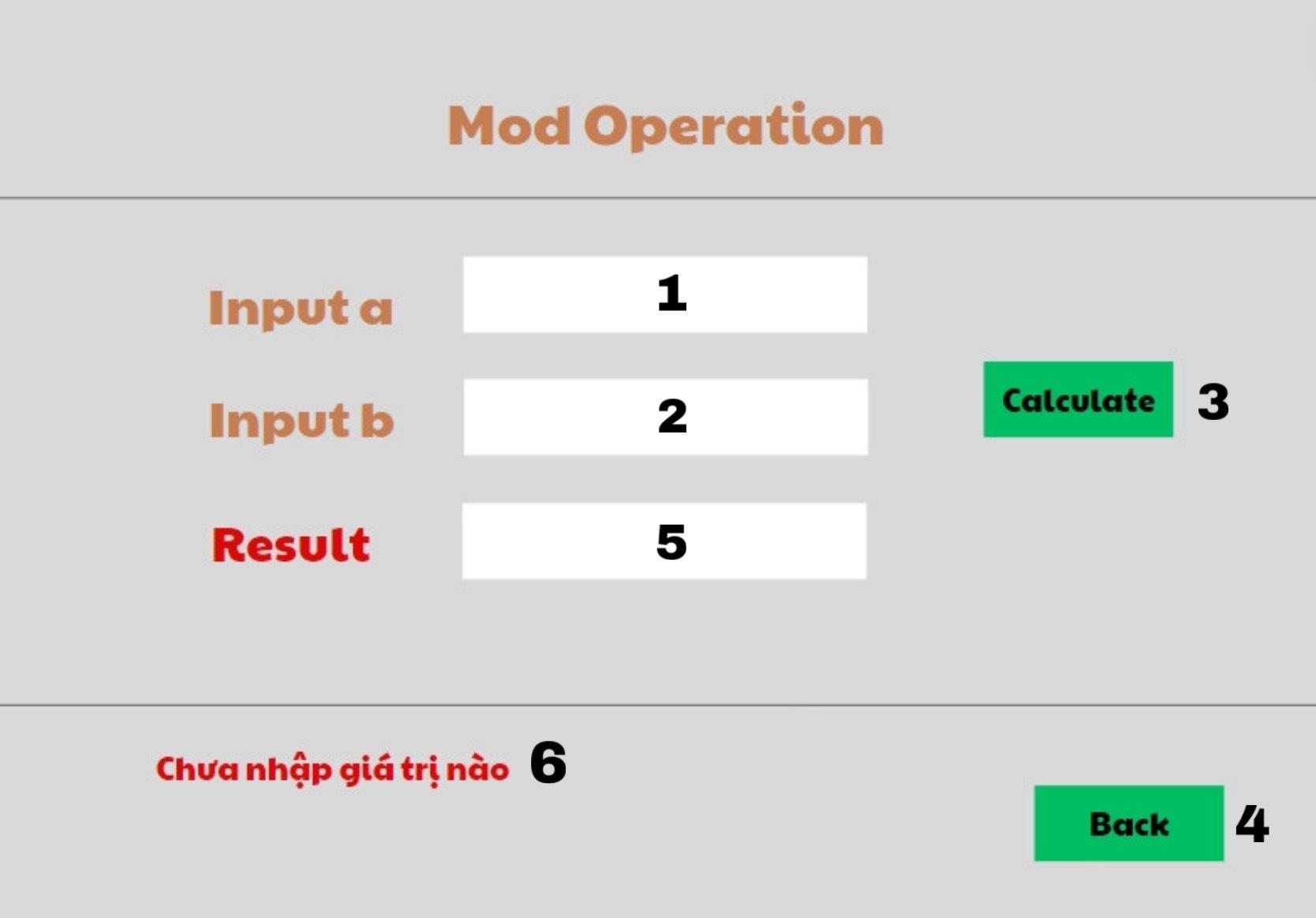
Table 2: Describe User Interface Caculation page

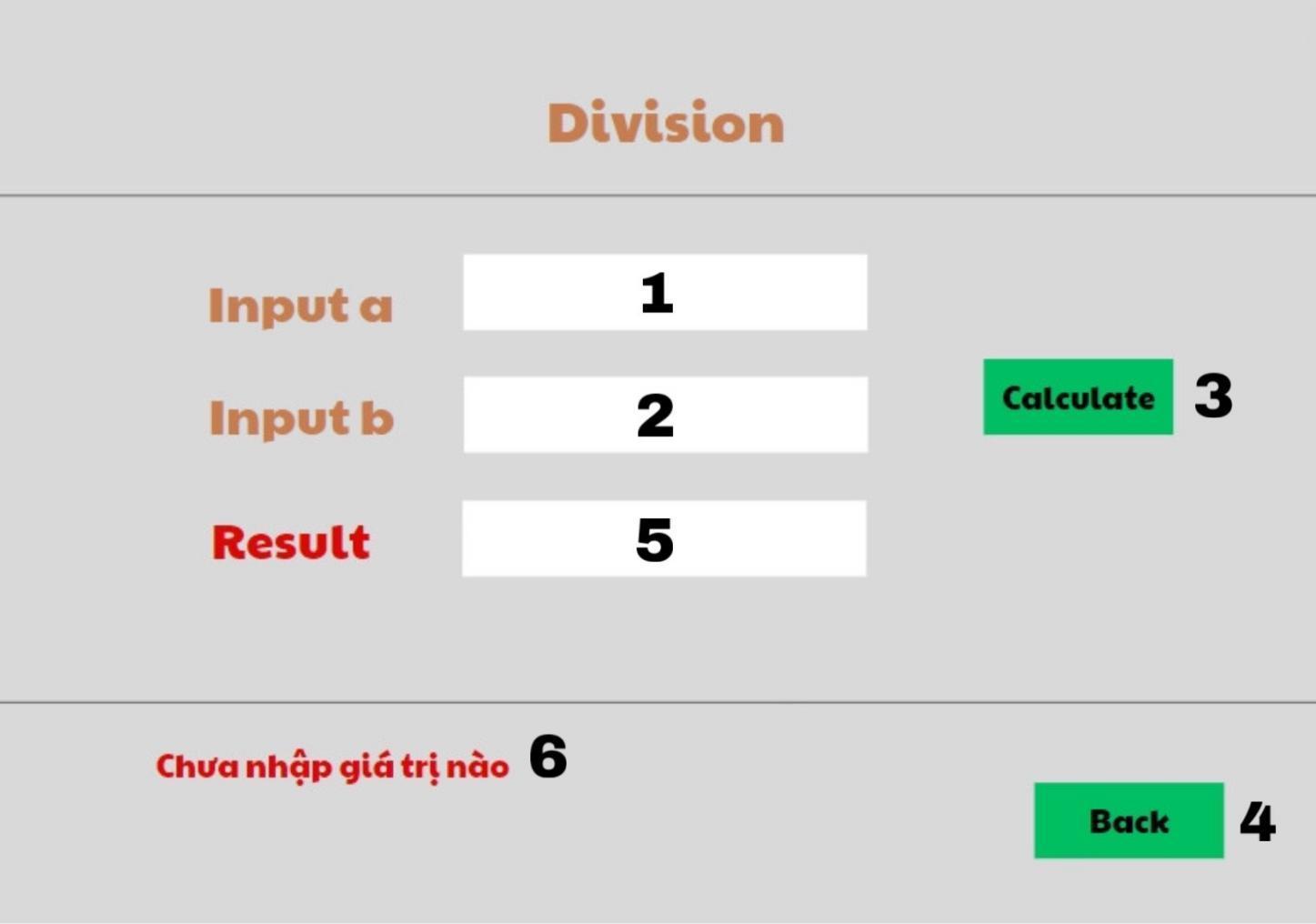
## 2. CALCULATION PAGE











| **ID** | **Condition** | **Control Type** | **Target** |
| --- | --- | --- | --- |
| 1 | Press | Input text | Enter the first number |
| 2 | Press | Input text | Enter the second number |
| 3 | Press | Button | Click to display calculation result |
| 4 | Press | Button | Click to go back to the calculation selection page |
| 5 | Seen | Label | Display calculation result |
| 6 | Seen | Label | Display an error message for either not entering a number or entering an invalid number |

Table 3: Describe User Interface addition, subtraction, multiplication, mod operation and division page