

**INTERNATIONAL SCHOOL**

**CAPSTONE PROJECT 1**

**CMU-CS 246 HIS**

**PROJECT PLAN DOCUMENT**

Version: 1.1

**CALCULATION SOFTWARE – CS**

**Mentor: Nguyen Dang Quang Huy**

***Team Member*:**

Lê Quang Anh

Trương Xuân Bảo

Phạm Quỳnh Chi

Bùi Tạ Hồng Đạt

Liễu Thị Thuỳ Trang

**Approved by Huy Nguyen Dang Quang**

**Project Plan Review Panel Representative:**

Name Signature Date

**Capstone Project 1- Mentor:**

Name Signature Date

Da Nang, 01/2024

**PROJECT INFORMATION**

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| **Project Title** | Calculation Software | | | |
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| **Lead Institution** | International School, Duy Tan University | | | |
| **Team Member** | **Name** | **Email** | | **Phone** |
| 28211100194 | Lê Quang Anh | lequanganhh1624@gmail.com | | 0329163990 |
| 28211133323 | Trương Xuân Bảo | [truongxuanbao2004@gmail.com](mailto:truongxuanbao2004@gmail.com) | | 0889606440 |
| 28209020840 | Phạm Quỳnh Chi | [quynhchihtk84@gmail.com](mailto:quynhchihtk84@gmail.com) | | 0835650230 |
| 28219002511 | Bùi Tạ Hồng Đạt | Datroobin@gmail.com | | 0795580904 |
| 28209024783 | Liễu Thị Thuỳ Trang | [tt1605589@gmail.com](mailto:tt1605589@gmail.com) | | 0353093304 |

**PROJECT PLAN DOCUMENT**

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**SIGNATURE**

**Document Approvals:** The following signatures are required for approval of this document.

|  |  |  |  |
| --- | --- | --- | --- |
| **Mentor** | Huy, Nguyen Dang Quang | **Signature:** |  |
| **Date:** |  |
| **Project Manage** | Quynh Chi Pham | **Signature:** |  |
| **Date:** |  |
| **ProDuct**  **Owner** | Huy Nguyen Dang Quang | **Signature:** |  |
| **Date:** |  |
| **Team member(s)** | Quang Anh, Xuan Bao | **Signature:** |  |
| **Date:** |  |
| Hong Dat, Thuy Trang | **Signature:** |  |
| **Date:** |  |

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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.

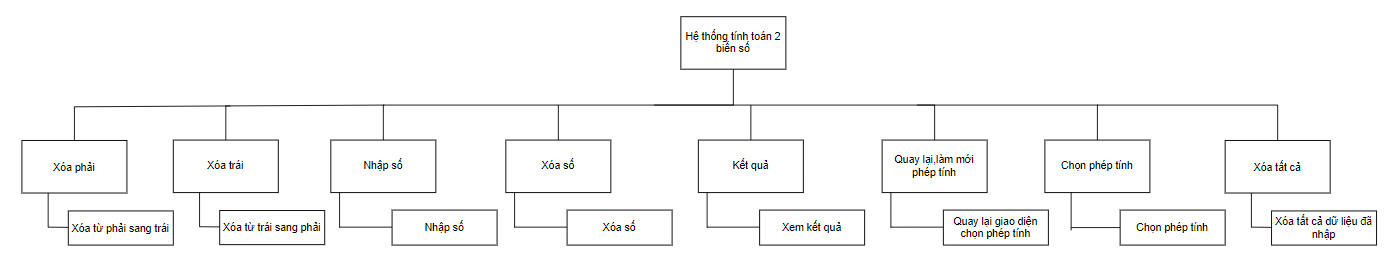
## SCOPE

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*

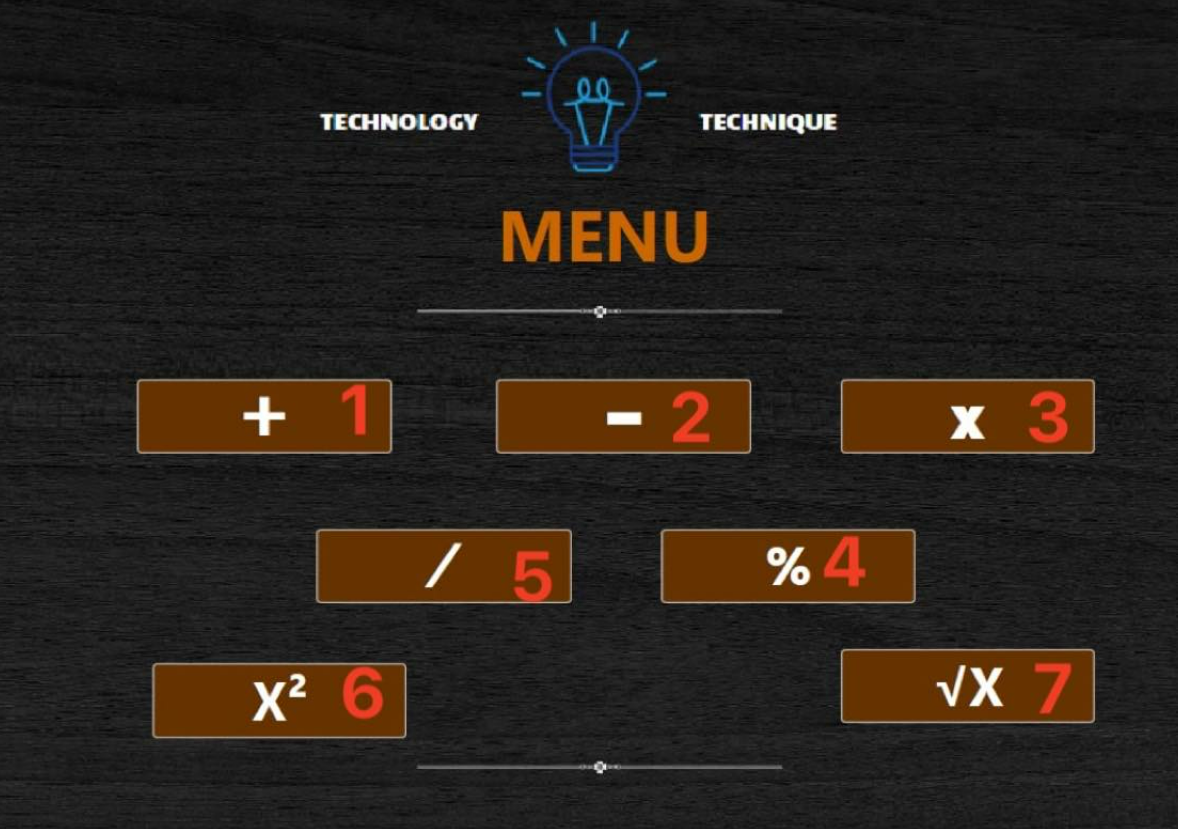
## WEB APP:

|  |  |  |
| --- | --- | --- |
| **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 |
| UI-07 | Square page | This page is used to calculate the square of a number |
| UI-08 | Square root page | This page is used to calculate the square root of a number |

*Table 1: List of Interface*

# DESCRIBE USER INTERFACE

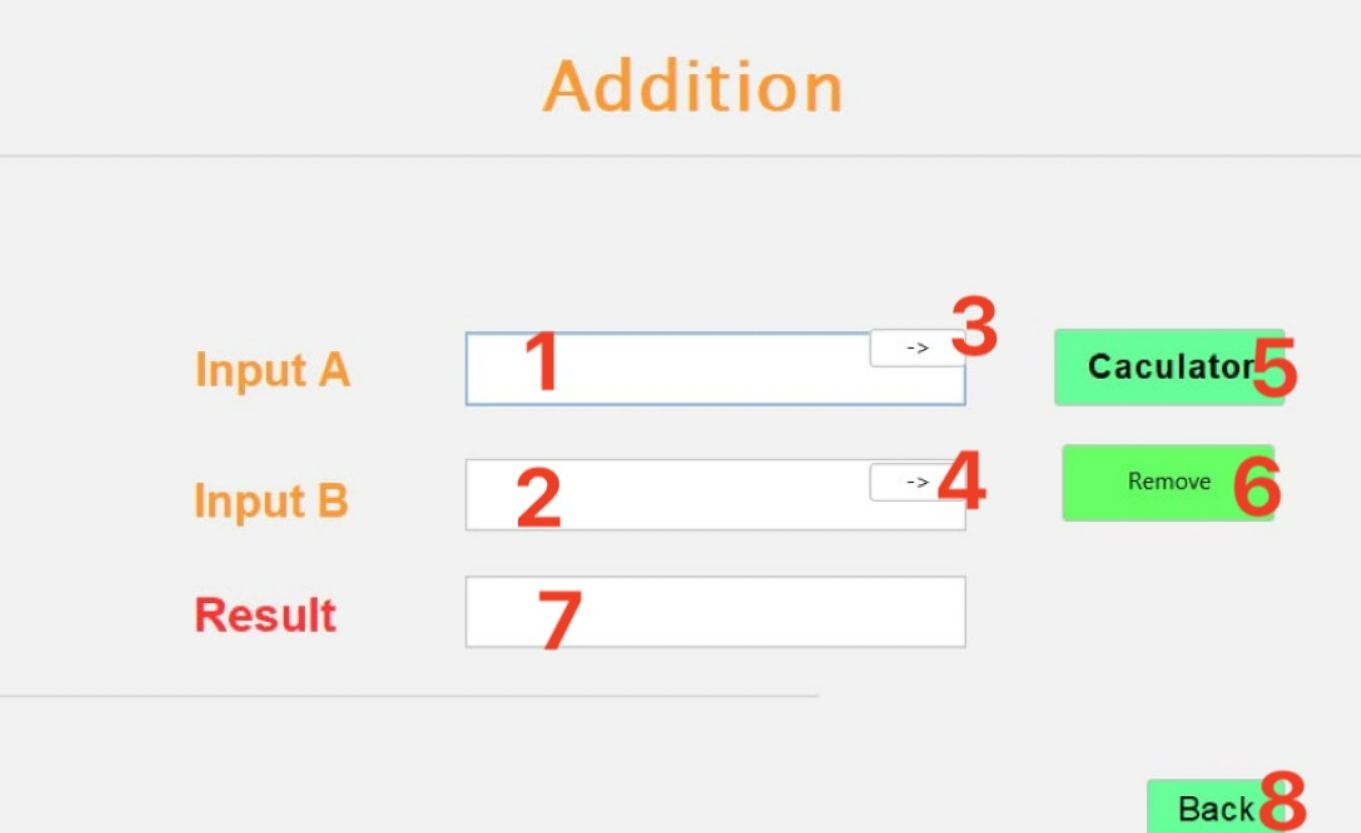
## 1. CALCULATION SELECTION PAGE

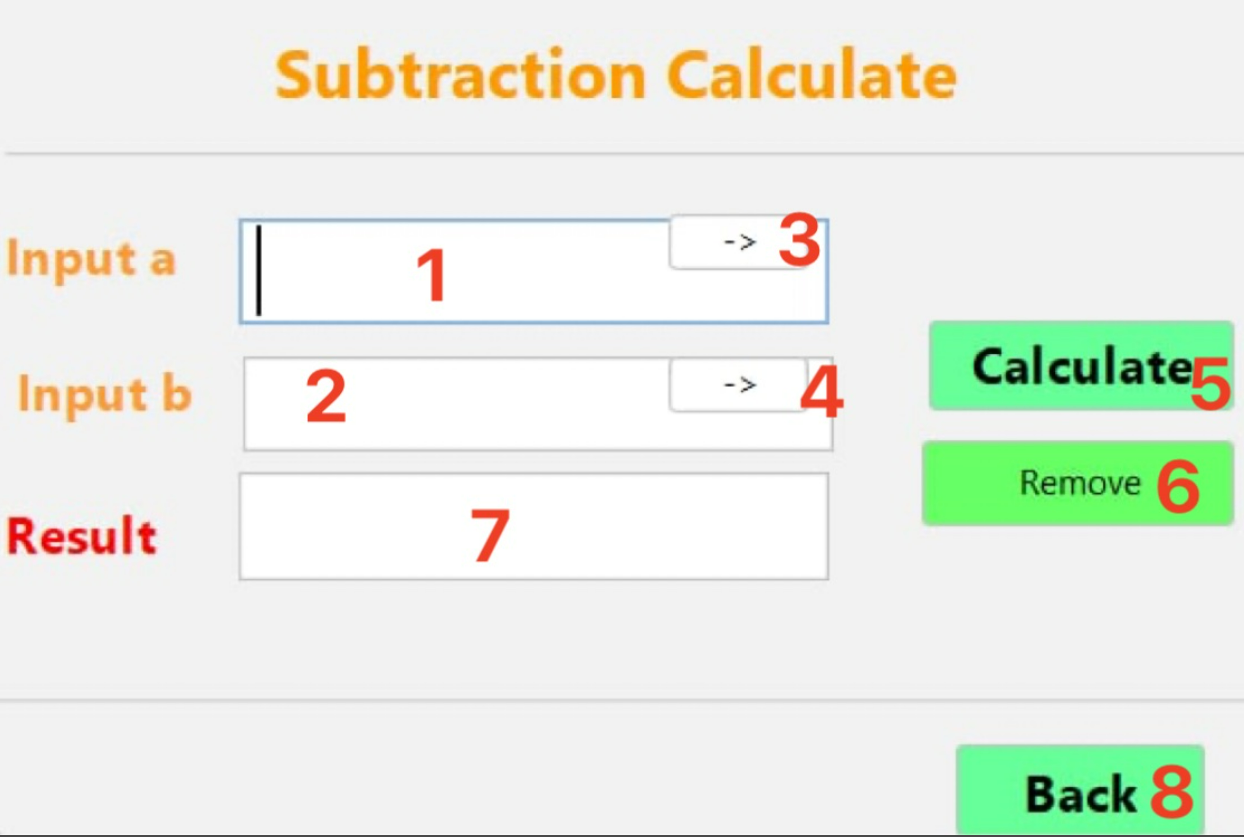
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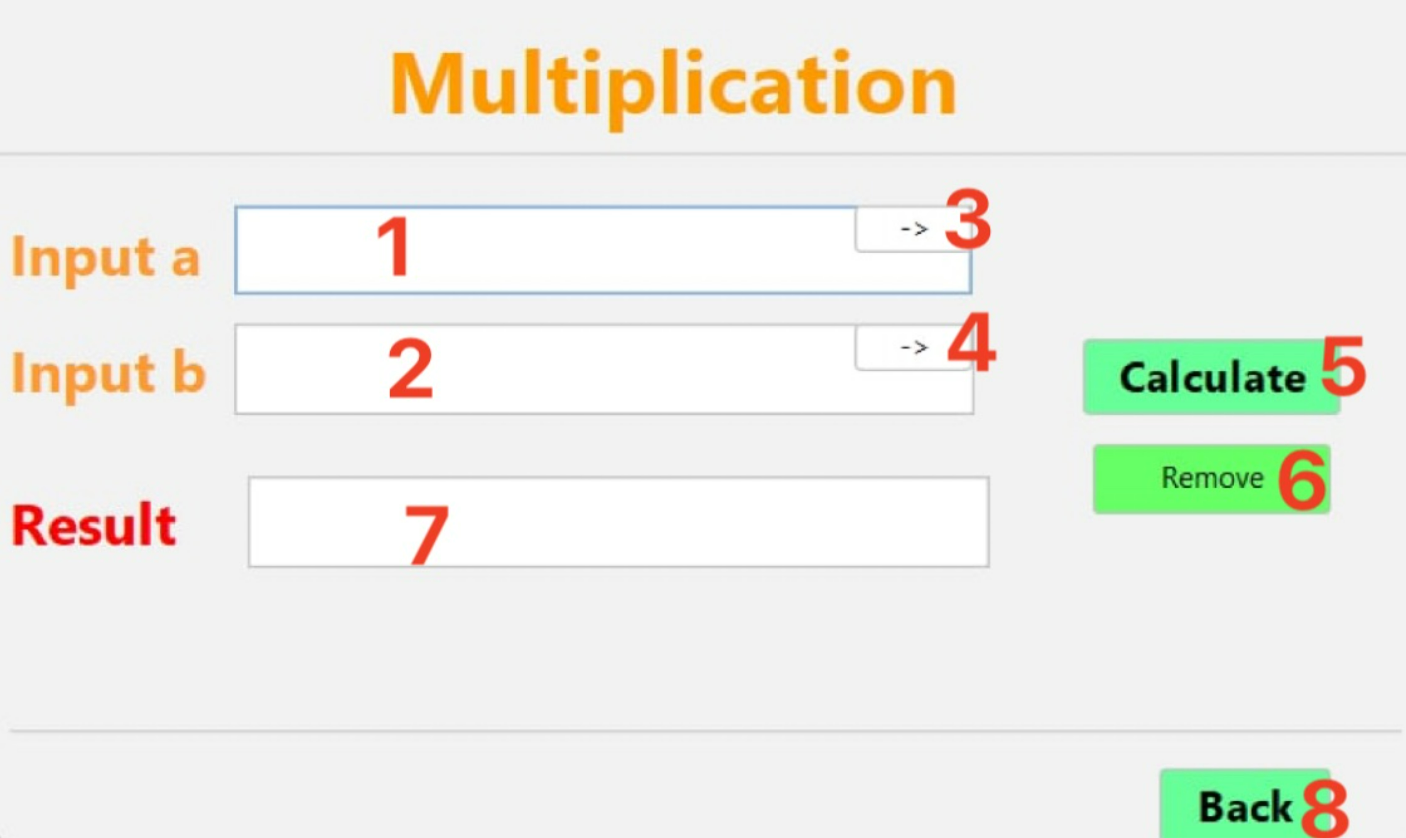
|  |  |  |  |
| --- | --- | --- | --- |
| **ID** | **Condition** | **Control Type** | **Target** |
| 1 | Press | Button | Click to go to the addition page |
| 2 | Press | Button | Click to go to the subtraction page |
| 3 | Press | Button | Click to go to the multiplication page |
| 4 | Press | Button | Click to go to the mod operation page |
| 5 | Press | Button | Click to go to the division page |
| **6** | **Press** | **Button** | **Click to go to the square page** |
| **7** | **Press** | **Button** | **Click to go to the square root page** |

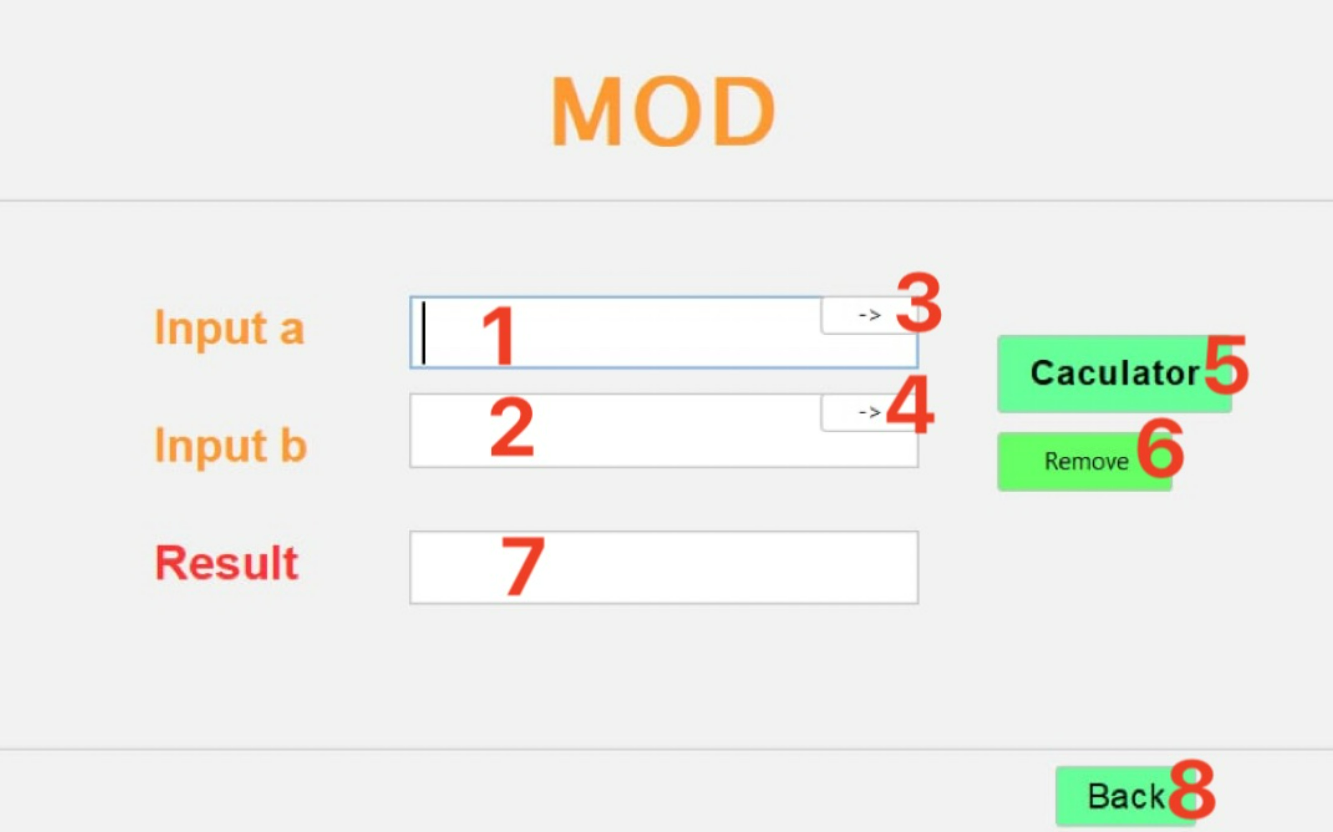
Table 2: Describe User Interface Calculation page

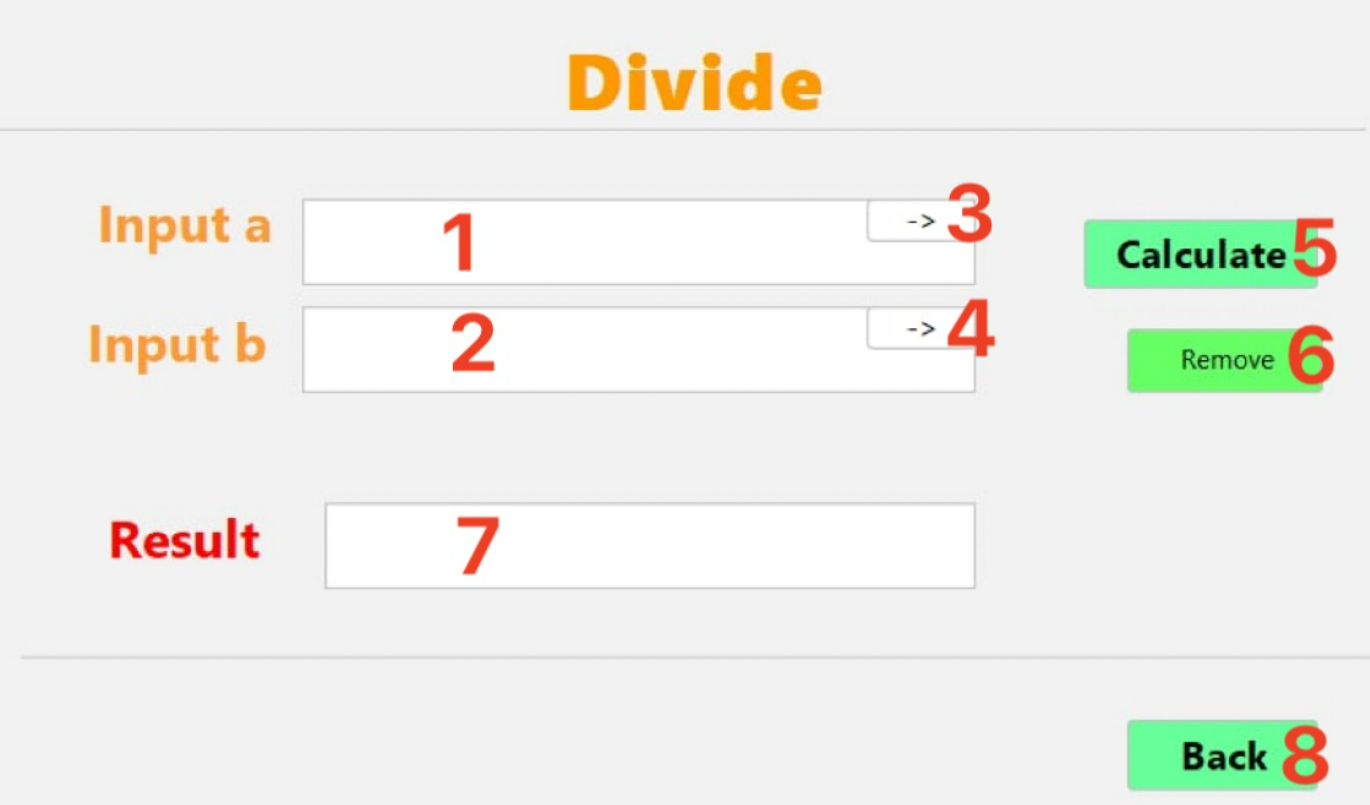
## 2. CALCULATION PAGE





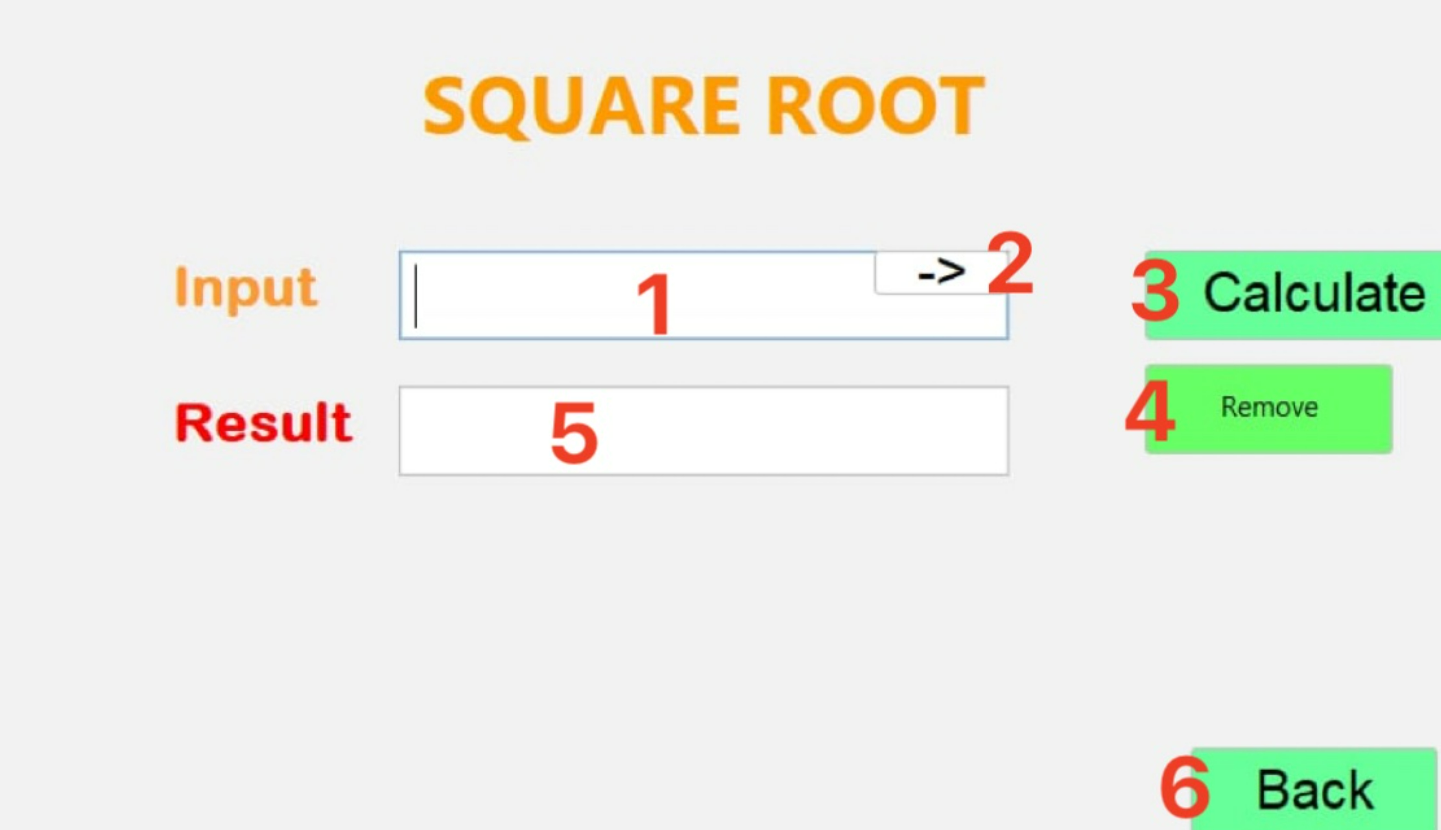
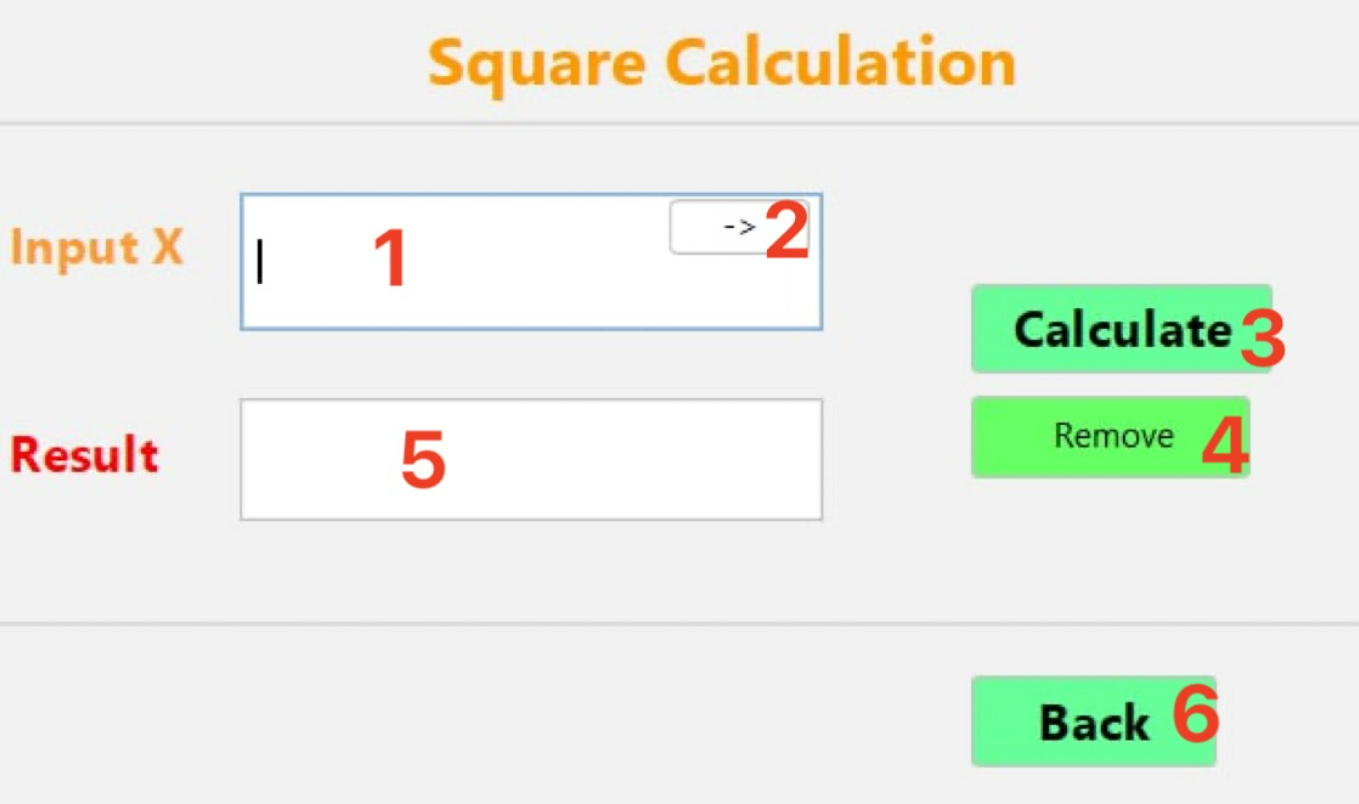






|  |  |  |  |
| --- | --- | --- | --- |
| **ID** | **Condition** | **Control Type** | **Target** |
| 1 | Press | Input text | Enter the first number |
| 2 | Press | Input text | Enter the second number |
| 3 | Press | Button | press to delete from left to right of the first number |
| 4 | Press | Button | press to delete from left to right of the second number |
| 5 | Press | Button | Click to display calculation result |
| 6 | Press | Button | Tap to delete all data |
| 7 | See | Label | Display calculation result |
| 8 | Press | Button | Click to go back to the calculation selection page |

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



|  |  |  |  |
| --- | --- | --- | --- |
| **ID** | **Condition** | **Control Type** | **Target** |
| 1 | Press | Input text | Enter a number |
| 2 | Press | Button | press to delete from left to right of a number |
| 3 | Press | Button | Click to display calculation result |
| 4 | Press | Button | Tap to delete all data |
| 5 | See | Label | Display calculation result |
| 6 | Press | Button | Click to go back to the calculation selection page |

Table 3: Describe User Interface square, square root page