

**INTERNATIONAL SCHOOL**

**CAPSTONE PROJECT 1**

**CMU-CS 246**

**PROJECT PLAN DOCUMENT**

Version: 2.0

**CALCULATOR SYSTEM – CS**

**Mentor: Nguyen Dang Quang Huy**

***Team Member*:**

Hue, Nguyen Thi Kim

Hieu, Vo Trung

Quang, Truong Minh

Hoang, Tran Dinh Huy

Huyen, Phan Thi Thanh

**Approved by Huy Nguyen Dang Quang**

**Project Plan Review Panel Representative:**

Name Signature Date

**Capstone Project 1- Mentor:**

Name Signature Date

Da Nang, 21/2024

**PROJECT INFORMATION**

| **Project Acronym** | CS |
| --- | --- |
| **Project Title** | CALCULATOR SYSTEM | | | |
| **Start Date** | 21 – Jan – 2024 | **End Date** | 21 – Jan – 2024 | |
| **Lead Institution** | International School, Duy Tan University | | | |
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**PROJECT PLAN DOCUMENT**

| **Document Title** | Project Plan Document | | |
| --- | --- | --- | --- |
| **Author(s)** | Team 4 | | |
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| **Access** | Project and CMU Program | | |

**SIGNATURE**

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

| **Mentor** | Huy, Nguyen Dang Quang | **Signature:** |  |
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| **Date:** |  |
| **Scrum master** | Hue, Nguyen Thi Kim | **Signature:** |  |
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**REVISION HISTORY**

| **Version** | **Person(s)** | **Date** | **Description** |
| --- | --- | --- | --- |
| **1.0** | Nguyen Thi Kim Hue | Jan 21th, 2024 | Draf |
| **2.0** | Nguyen Thi Kim Hue | Jan 21th, 2024 | Final |

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# PROJECT DESCRIPTION

| **Project code** | CS | **Contract type** | Internal Project |
| --- | --- | --- | --- |
| **Customer** | N/A | **End-user** | Duy Tan’s students |
| **Project type** | Internal | **Project Manager/**  **Scrum Master** | Hue, NguyenThi Kim |
| **Project category** | Calculation | **Business Domain** | AI |
| **Application type** | Winform |  |  |

***Table 1:*** *Project Description*

This section provides a detailed description of a user-friendly calculator form that allows users to input two numbers and perform basic arithmetic operations, including addition, subtraction, multiplication, division, and mod.

The calculator form stands out for its efficiency, user empowerment, versatility, educational value, time-saving capabilities, and accessibility, making it a valuable tool for users seeking a straightforward and reliable means of performing basic arithmetic calculations.

# DETAILED SCHEDULE

| **No.** | **Task Name** | **Effort** | **Start** | **Finish** | **Assign to** |
| --- | --- | --- | --- | --- | --- |
| **1** | **Initial** | **2 days** | **20/01/2024** | **21/01/2024** | **All members** |
| 1.1 | Project Kick-off Meeting  Discuss about project ideal | 1 day | 20/01/2024 | 20/01/2024 | All members |
| 1.2 | Create Project Plan Document | 1 day | 21/01/2024 | 21/01/2024 | Hue |
| **2** | **Requirement** | **1 day** | **22/01/2024** | **22/01/2024** | **Quang, Hieu, Hue** |
| 2.1 | Make Defined Process Document | 2 hrs | 22/01/2024 | 22/01/2024 | Quang |
| 2.2 | Make SRS Document | 6 hrs | 22/01/2024 | 22/01/2024 | Hue, Hieu |
| **3** | **Analysis and Design** | **1 day** | **23/01/2024** | **23/01/2024** | **All members** |
| 3.1 | Design UI for Homepage | 15 mins | 23/01/2024 | 23/01/2024 | Quang |
| 3.2 | Design UI for + function | 15 mins | 23/01/2024 | 23/01/2024 | Huyen |
| 3.3 | Design UI for - function | 15 mins | 23/01/2024 | 23/01/2024 | Hoang |
| 3.4 | Design UI for \* function | 15 mins | 23/01/2024 | 23/01/2024 | Hieu |
| 3.5 | Design UI for / function | 15 mins | 23/01/2024 | 23/01/2024 | Quang |
| 3.6 | Design UI for % function | 15 mins | 23/01/2024 | 23/01/2024 | Hue |
| 3.7 | Make User Interface Design Document | 2 hrs | 23/01/2024 | 23/01/2024 | Hue |
| **4** | **Code** | **2 days** | **24/01/2024** | **25/01/2024** | **All members** |
| 4.1 | Code + function | 3 hrs | 24/01/2024 | 24/01/2024 | Huyen |
| 4.2 | Code - function | 3 hrs | 24/01/2024 | 24/01/2024 | Hoang |
| 4.3 | Code \* function | 3 hrs | 24/01/2024 | 24/01/2024 | Hieu |
| 4.4 | Code / function | 3 hrs | 24/01/2024 | 24/01/2024 | Quang |
| 4.5 | Code % function | 3 hrs | 25/01/2024 | 25/01/2024 | Hue |
| 4.6 | Code Homepage | 3 hrs | 25/01/2024 | 25/01/2024 | Hue |
| **5** | **Test** | **1 day** | **26/01/2024** | **26/01/2024** | **All members** |
| 5.1 | Write test case and test for + function | 2 hrs | 26/01/2024 | 26/01/2024 | Huyen |
| 5.2 | Write test case and test for - function | 2 hrs | 26/01/2024 | 26/01/2024 | Hoang |
| 5.3 | Write test case and test for \* function | 2 hrs | 26/01/2024 | 26/01/2024 | Hieu |
| 5.4 | Write test case and test for / function | 2 hrs | 26/01/2024 | 26/01/2024 | Quang |
| 5.5 | Write test case and test for % function | 2 hrs | 26/01/2024 | 26/01/2024 | Hue |
| **6** | **Close Project** | **10 mins** | **27/01/2024** | **27/01/2024** | **Hue** |
| 6.1 | Release | 5 mins | 27/01/2024 | 27/01/2024 | Hue |
| 6.2 | Project Meeting | 30 mins | 27/01/2024 | 27/01/2024 | All members |
| 6.3 | Final Submission | 10 mins | 27/01/2024 | 27/01/2024 | Hue |
|  | **Duration** | **8** | **20/01/2024** | **27/01/2024** | **All members** |

***Table 2:*** *detail schedule*