

**INTERNATIONAL SCHOOL**

**CAPSTONE PROJECT 1**

**CMU-CS 246**

**PROJECT PLAN DOCUMENT**

Version: 1.1

**CALCULATOR SYSTEM – CS**

**Mentor: Nguyen Dang Quang Huy**

***Team Member*:**

Khanh, Hoang Đinh

Khoa, Nguyen Khac Nguyen

Huy, Huynh Tran Gia

Kien, Nguyen Trung

**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 | | | |
| **Team Member** | **Name** | **Email** | | **Phone** |
| 28219002146 | Hoàng Đình Khánh | hoangdinhkhanh12.2@gmail.com | | 0935149084 |
| 28211149985 | Nguyễn Khắc Nguyên Khoa | nguyenkhoa14042004@gmaill.com | | 0912985858 |
| 28211232063 | Huỳnh Trần Gia Huy | htgh19082004@gmail.com | | 0795578241 |
| 28219005326 | Nguyễn Trung Kiên | nguyentrungkien11032004@gmail.com | | 0973102417 |
|  |  |  | |  |

**PROJECT PLAN DOCUMENT**

| **Document Title** | Project Plan Document | | |
| --- | --- | --- | --- |
| **Author(s)** | Team 7 | | |
| **Date** | Jan 21th, 2024 | **File name:** | PROJECT PLAN DOCUMENT.docx |
| **URL** | https://drive.google.com/drive/folders/1-9LMdcjmE\_Wpf9NA2dFdUP0D1IDUehiO?usp=sharing | | |
| **Access** | Project and CMU Program | | |

**SIGNATURE**

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

| **Mentor** | Huy, Nguyen Dang Quang | **Signature:** |  |
| --- | --- | --- | --- |
| **Date:** |  |
| **Scrum master** | Khanh,Hoang Đinh | **Signature:** |  |
| **Date:** |  |
| **ProDuct**  **Owner** | Huy, Nguyen Dang Quang | **Signature:** |  |
| **Date:** |  |
| **Team member(s)** | Khoa,Nguyen Khac Nguyen | **Signature:** |  |
| **Date:** |  |
| Kien, Nguyen Trung Kien | **Signature:** |  |
| **Date:** |  |
| Huy, Huynh Chan Gia | **Signature:** |  |
| **Date:** |  |
|  |  |  |
|  |  |

**REVISION HISTORY**

| **Version** | **Person(s)** | **Date** | **Description** |
| --- | --- | --- | --- |
| **1.0** | Hoàng Đình Khánh | Jan 21th, 2024 | Draf |
| **2.0** | Hoàng Đình Khánh | Jan 21th, 2024 | Final |

Contents

[1. PROJECT DESCRIPTION 6](#_heading=h.30j0zll)

[2. DETAILED SCHEDULE 6](#_heading=h.1fob9te)

[3. REFERENCES 12](#_heading=h.3znysh7)

# 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** | Khanh,Hoang Đinh |
| **Project category** | Calculation | **Business Domain** | AI |
| **Application type** | Winform |  |  |

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

This section presents an in-depth overview of a user-centric calculator form designed to streamline arithmetic operations. The form enables users to input two numbers and execute fundamental arithmetic functions such as addition, subtraction, multiplication, division, and modulus.

Distinguished by its efficiency, user-friendliness, adaptability, educational significance, time-saving attributes, and accessibility, this calculator form emerges as an indispensable tool for individuals in need of a simple yet dependable method for basic arithmetic computations.

# 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 | Khanh |
| **2** | **Requirement** | **1 day** | **22/01/2024** | **22/01/2024** | **Khoa,KhanhHuy,Kien** |
| 2.1 | Make Definded Process Document | 2 hrs | 22/01/2024 | 22/01/2024 | Khoa |
| 2.2 | Make SRS Document | 6 hrs | 22/01/2024 | 22/01/2024 | Khanh,Khoa |
| **3** | **Analysist and Design** | **1 day** | **23/01/2024** | **23/01/2024** | **All members** |
| 3.1 | Design UI for Homepage | 30 mins | 23/01/2024 | 23/01/2024 | Khanh |
| 3.2 | Design UI for + function | 30 mins | 23/01/2024 | 23/01/2024 | Huy |
| 3.3 | Design UI for - function | 30 mins | 23/01/2024 | 23/01/2024 | Kien |
| 3.4 | Design UI for \* function | 30 mins | 23/01/2024 | 23/01/2024 | Khoa |
| 3.5 | Design UI for / function | 30 mins | 23/01/2024 | 23/01/2024 | Khanh |
| 3.6 | Design UI for % function | 30 mins | 23/01/2024 | 23/01/2024 | Khoa |
| 3.7 | Make User Interface Design Document | 3 hrs | 23/01/2024 | 23/01/2024 | Kien |
| **4** | **Code** | **2 days** | **24/01/2024** | **25/01/2024** | **All members** |
| 4.1 | Code + function | 3 hrs | 24/01/2024 | 24/01/2024 | Huy |
| 4.2 | Code - function | 3 hrs | 24/01/2024 | 24/01/2024 | Huy |
| 4.3 | Code \* function | 3 hrs | 24/01/2024 | 24/01/2024 | Kien |
| 4.4 | Code / function | 4 hrs | 24/01/2024 | 24/01/2024 | Khanh |
| 4.5 | Code % function | 4 hrs | 25/01/2024 | 25/01/2024 | Khoa |
| 4.6 | Code Homepage | 4 hrs | 25/01/2024 | 25/01/2024 | Khanh |
| **5** | **Test** | **1 day** | **26/01/2024** | **26/01/2024** | **All members** |
| 5.1 | Write test case and test for + function | 4 hrs | 26/01/2024 | 26/01/2024 | Huy |
| 5.2 | Write test case and test for - function | 3 hrs | 26/01/2024 | 26/01/2024 | Kien |
| 5.3 | Write test case and test for \* function | 4 hrs | 26/01/2024 | 26/01/2024 | Huy |
| 5.4 | Write test case and test for / function | 3 hrs | 26/01/2024 | 26/01/2024 | Khanh |
| 5.5 | Write test case and test for % function | 2 hrs | 26/01/2024 | 26/01/2024 | Khoa |
| **6** | **Close Project** | **20 mins** | **27/01/2024** | **27/01/2024** | **Khanh** |
| 6.1 | Final Submission | 20 mins | 27/01/2024 | 27/01/2024 | Khanh |
|  | **Duration** | **8** | **20/01/2024** | **27/01/2024** | **All members** |

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

# REFERENCES

1. <https://www.atlassian.com/agile/scrum>
2. [https://www.cprime.com/resources/whatis-agile-what-is-scrum/](https://www.cprime.com/resources/what-is-agile-what-is-scrum/)
3. <https://www.agilealliance.org/agile101/>
4. <https://fnb.mysapo.vn/admin/authorization/login>
5. <https://phanmemtinhluong.com/phan-mem-quan-ly-suat-an-cong-nghiep/>