

**INTERNATIONAL SCHOOL**

**CAPSTONE PROJECT 1**

**CMU-CS 246**

**PROJECT PLAN DOCUMENT**

Version: 2.0

**FOOD MANAGEMENT SYSTEM – FMS**

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Da Nang, 22/2024

**PROJECT INFORMATION**

|  |  |
| --- | --- |
| **Project Acronym** | CS |
| **Project Title** | Calculator | | | |
| **Start Date** | 22 – Jan –2024 | **End Date** | 28 – Jan –2024 | |
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**PROJECT PLAN DOCUMENT**

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| --- | --- | --- | --- |
| **Document Title** | Project Plan Document | | |
| **Author(s)** | CMU-CS246FIS.5 Team | | |
| **Date** | Jan 22th, 2024 | **File name:** | CMU-CS246FIS.5\_CS\_ProjectPlan\_v2.0.docx |
| **URL** | https://drive.google.com/drive/u/0/folders/1dF29KwsuPN5xl7slOI3nQmHSa5mHnn3B | | |
| **Access** | Project and CMU Program | | |

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**REVISION HISTORY**

|  |  |  |  |
| --- | --- | --- | --- |
| **Version** | **Person(s)** | **Date** | **Description** |
| **1.0** | All members | Jan 22th, 2024 | Draf |
| **1.1** | Men, Nguyen Thi | Mar 11th, 2024 | Final |

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# 1. PROJECT DESCRIPTION

|  |  |  |  |
| --- | --- | --- | --- |
| **Project code** | CS | **Contract type** | Internal Project |
| **Customer** | N/A | **End-user** | Management,  employee, kitchen staff of company |
| **Project type** | Internal | **Project Manager** | Men, Nguyen Thi |
| **Project category** | Calculator System | **Business Domain** | AI |
| **Application type** | Web Applcation |  |  |

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

Calculator system is a pocket calculator system that can perform basic calculations such as addition, subtraction, multiplication, division, etc. This system was built with the goal of helping pupils, students and workers. work in the field of mathematics performing calculations accurately, quickly and easily.

The system can perform accurately, even when those calculations are complex or involve many numbers. This helps avoid human errors when performing complex calculations. We can perform calculations quickly and easily, helping users save time and effort, helping to increase users' work efficiency, especially in fields that require a lot of calculation.

## **2. DETAILED SCHEDULE**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **No.** | **Task Name** | **Start** | **Finish** | **Effort** | **Resource Names** |
| **1** | **Requirement** | **Jan 23, 2024** | **Mar 11, 2024** | **15 hrs** | **All members** |
| 1.1 | Planning | Jan 23, 2024 | Jan 23, 2024 | 3 hrs | Men |
| 1.2 | SRS | Jan 24, 2024 | Jan 25, 2024 | 6 hrs | Thang, Dung |
| 1.3 | Design | Jan 26, 2024 | Jan 26, 2024 | 3 hrs | Minh, Ngoc |
| 1.4 | Test case | Jan 28, 2024 | Jan 28, 2024 | 3 hrs | Men |
| **2** | **Analysis & Design** | **Jan 26, 2024** | **Sep 26, 2024** | **3,5 hrs** | **All members** |
| 2.1 | Write UI for addition function | **Jan 26, 2024** | **Jan 26, 2024** | 0,5 hrs | Minh |
| 2.2 | Write UI for subtraction function | **Jan 26, 2024** | **Jan 26, 2024** | 0,5 hrs | Dung |
| 2.3 | Write UI multiply function | **Jan 26, 2024** | **Jan 26, 2024** | 0,5 hrs | Thang |
| 2.4 | Write UI for divide function | **Jan 26, 2024** | **Jan 26, 2024** | 0,5 hrs | Men |
| 2.5 | Write UI for modulo function | **Jan 26, 2024** | **Jan 26, 2024** | 0,5 hrs | Ngoc |
| 2.6 | Write UI for reset function | **Jan 26, 2024** | **Jan 26, 2024** | 0,5 hrs | Minh |
| 2.7 | Write UI for exit function | **Jan 26, 2024** | **Jan 26, 2024** | 0,5 hrs | Minh |
| 2.8 | Write UI for Square function | **Mar 7, 2024** | **Mar 7, 2024** |  | Dung |
| 2.9 | Write UI Square root function | **Mar 7, 2024** | **Mar 7, 2024** |  | Thang |
| 2.10 | Write UI Backspace function | **Mar 7, 2024** | **Mar 7, 2024** |  | Ngoc |
| 2.11 | Write UI Delete function | **Mar 7, 2024** | **Mar 7, 2024** |  | Minh |
| 2.12 | Write UI AC function | **Mar 7, 2024** | **Mar 7, 2024** |  | Dung |
| **3** | **Code** | **Jan 27, 2024** | **Jan 27, 2024** | **3.5 hrs** | **All members** |
| 3.1 | Addition function | Jan 27, 2024 | Jan 27, 2024 | 0.5 hrs | Minh |
| 3.2 | Subtraction function | Jan 27, 2024 | Jan 27, 2024 | 0.5 hrs | Dung |
| 3.3 | Multiply function | Jan 27, 2024 | Jan 27, 2024 | 0.5 hrs | Thang |
| 3.4 | Divide function | Jan 27, 2024 | Jan 27, 2024 | 0.5 hrs | Men |
| 3.5 | Modulo function | Jan 27, 2024 | Jan 27, 2024 | 0.5 hrs | Ngoc |
| 3.6 | Reset function | Jan 27, 2024 | Jan 27, 2024 | 0.5 hrs | Dung |
| 3.7 | Exit function | Jan 27, 2024 | Jan 27, 2024 | 0.5 hrs | Dung |
| 3.8 | Square function | Mar 6, 2024 | Mar 6, 2024 | 0.5hrs | Dung |
| 3.9 | Square root function | Mar 6, 2024 | Mar 6, 2024 |  | Thang |
| 3.10 | Backspace function | Mar 6, 2024 | Mar 6, 2024 |  | Ngoc |
| 3.11 | Delete function | Mar 6, 2024 | Mar 6, 2024 |  | Minh |
| 3.12 | AC function | Mar 6, 2024 | Mar 6, 2024 |  | Dung |
| **4** | **Test** | **Jan 28, 2024** | **Jan 28, 2024** | **3 hrs** | **Men** |
| 4.1 | Addition function **Passed** | Jan 28, 2024 | Jan 28, 2024 |  |  |
| 4.2 | Subtraction function **Passed** | Jan 28, 2024 | Jan 28, 2024 |  |  |
| 4.3 | Multiply function **Passed** | Jan 28, 2024 | Jan 28, 2024 |  |  |
| 4.4 | Divide function **Passed** | Jan 28, 2024 | Jan 28, 2024 |  |  |
| 4.5 | Modulo function Passed | Jan 28, 2024 | Jan 28, 2024 |  |  |
| 4.6 | Reset function Passed | Jan 28, 2024 | Jan 28, 2024 |  |  |
| 4.7 | Exit function ***Passed*** | Jan 28, 2024 | Jan 28, 2024 |  |  |
| 4.8 | Square function  ***Passed*** | Mar 8, 2024 | Mar 8, 2024 |  |  |
| 4.9 | Square root function  ***Passed*** | Mar 8, 2024 | Mar 8, 2024 |  |  |
| 4.10 | Backspace function  ***Passed*** | Mar 8, 2024 | Mar 8, 2024 |  |  |
| 4.11 | Delete function  ***Passed*** | Mar 8, 2024 | Mar 8, 2024 |  |  |
| 4.12 | AC function  ***Passed*** | Mar 8, 2024 | Mar 8, 2024 |  |  |