PSD Final Assignment Documentation



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Declaration of Ownership

This is to certify that the work here presented is entirely my own and that all external sources have been fully acknowledged.

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# Introduction

This is the final assignment require by the school which is Technological University Dublin that we need to create and design a stock control system which will contains three steps.

# Diary Report

1. DAY 1 – 11/03/2024 – Monday

* On this day, the developer has start creating the file for OOSD & PSD and start doing the PSD documentation with the actual template.
* Creating the file for coding.

1. DAY 2 – 12/03/2024 – Tuesday

* Start the analysis the program and design.

# Understanding of Project – Step 1

This section can be categories into three part which is descript the problem that been solve, lists out all the data that need to be solve, and convert the data.

1. Problem and solving

* This part will be about all the problem that the developer currently facing and how was the problem been solving. This also include the detail of the business and the type of products that will be processed and an indication of developer personal action.

1. Lists out all the data

* This part will basically cover all the important value that will be use in the program.

1. Convert the data

* This part will convert the data in the program into variable name with the sample value.

# Analysis of the Problem – Step 2

This section will be colouring all the coded numbered steps/task and analysis the thing that has to be done. However, this section will not include the actual code and any sort of text that relevant to the code itself, yet it will only analysis how the tasks have been distributed and will be implemented.

**Colour example as below;**

|  |  |
| --- | --- |
| Blue - | Designing the data type |
| Green - | The tasks that doesn’t need design |
| Yellow - | The tasks need to be design |

## Analysis the tasks

# Design of Complex Tasks – Step 3

This section will need the developer think about how to implement the task for any tasks that need to be design like yellow and blue colour. Check out the colour example on step 2 (Analysis of the program).