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1.0 Introduction

An application consists of a currency converter that helps on people who goes overseas more frequently especially the businesses people who deal with international businesses. The purpose of this application is to ease the burden of business people in terms of the difficulty of currency conversion as different currency has a different value and not to allow business people lose their value of money due to their ignorance of knowledge in currency. For instance, I am a Malaysian businessman and I have 20£ on my hand and I does not know what is the equivalent value of 20£ in ringgit. So the currency converter will help me to convert, so I can know what is the value in ringgit.

1.1 Target Audience

The target audience of this currency converter is for business people who deal with international businesses very often and afraid that they lose their value of the currency due to their ignorance of currency knowledge.

2.0 Product Description

2.1 Currency Converter

In this era we living, it is a must to know what are the common currency rate. This is because it helps you with budgeting and money saving. It can also be determined by contacting a local bank and asking for exchange rates.

2.2 Technology Uses

By using Processing software, we can develop a programming educational game. Processing software is an open-source graphical library and integrated development environment for the developer to build electronic arts, new idea art, and visual design communities with the purpose of teaching non-programmers the fundamentals of computer programming in a visual context. Processing was first introduced at the year of 2001 by Casey Reas and Ben Fry.

2.3 Interface Design

2.3.1 Low Fidelity

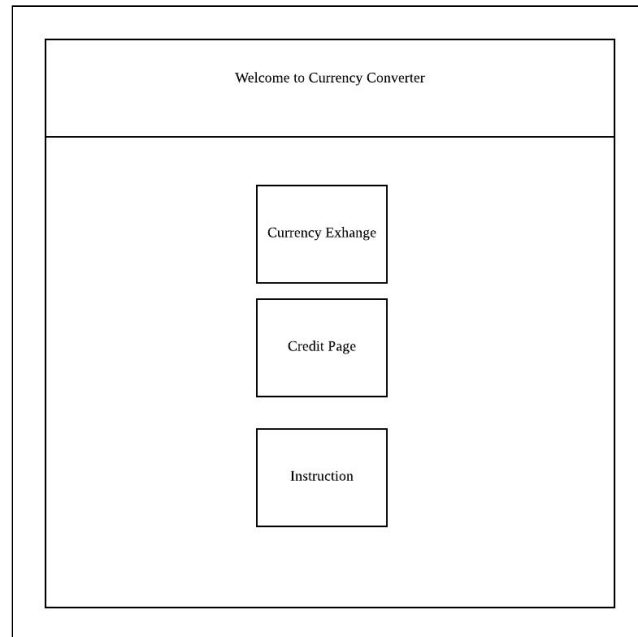


Figure 1

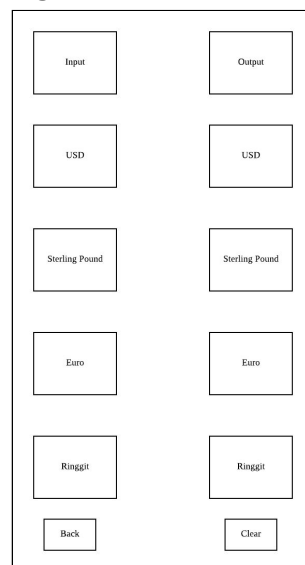


Figure 2

Input Output

USD USD

Sterling Pound Sterling Pound

Input X

? Please enter the amount of USD you want:

OK Cancel

Ringgit Ringgit

Back Clear

Figure 3

This Currency Calculator is created by
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Diploma in Computer Studies
Student ID 0121638

JOptionPane - Processing Forum. (n.d.). Retrieved from
<https://forum.processing.org/one/topic/joptionpane.html>. Date accessed on 1st November

JAVA JOptionPane.showMessageDialog output formatting for decimal. (n.d.). Retrieved from
<https://stackoverflow.com/questions/14762716/java-optionpane-showmessagedialog-output-formatting-for-decimal>. Date accessed on 4th November

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Figure 4

Step 1: After you have clicked in the currency button from the home page, you will see four currency on the input and the output row.

Step 2: Please select an input and output currency.

Step 3: After you have selected an input and output currency, it will prompt user to key in the amount of input currency.

Step 4: You only allow to key in a numeric value as this is a currency calculator. After you have key in, please click ok to see the output currency value

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Figure 5

2.3.1 High Fidelity

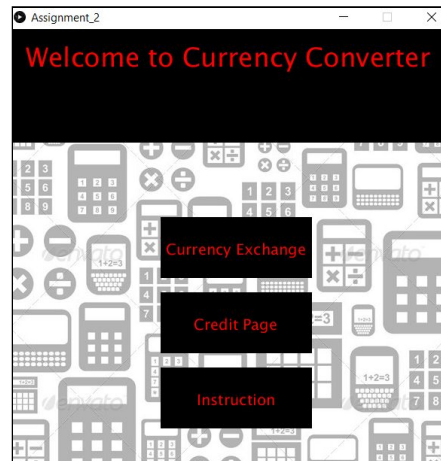


Figure 1

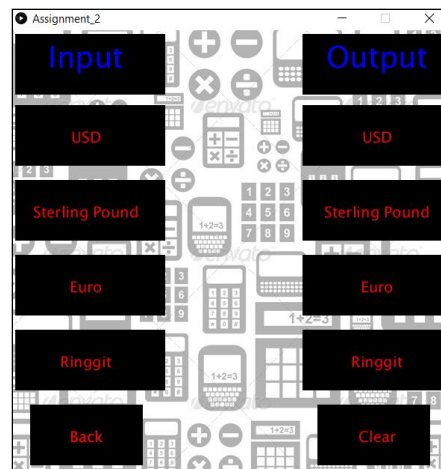


Figure 2

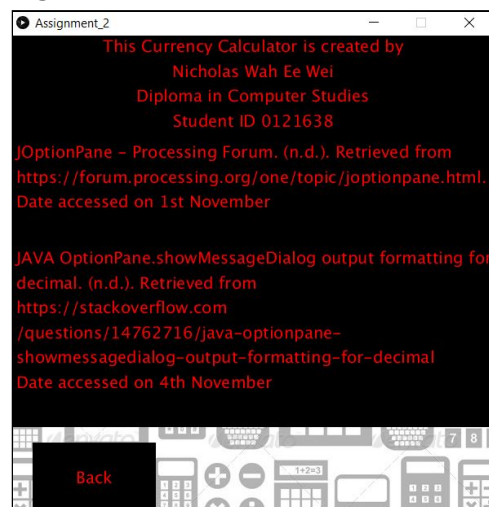


Figure 3

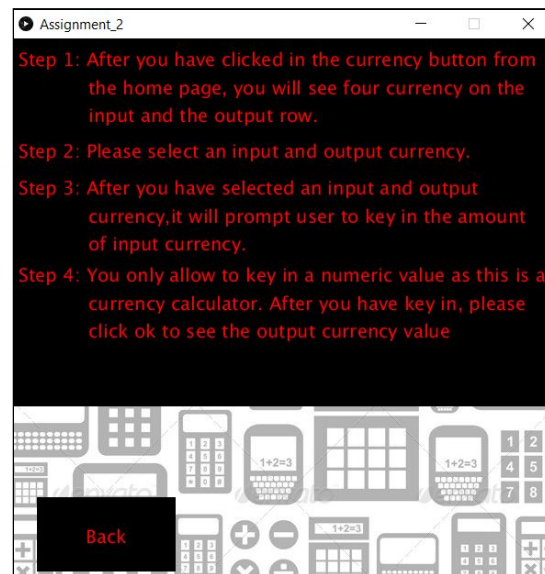


Figure 4

2.4 Functionality

2.4.1 Currency Converter

A currency converter is a calculator that converts the value or quantity of one currency into the relative values or quantities of other currencies.

References

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