

|  |
| --- |
| FACULTY: SAS3. |
| CSE427.1 |
|  |
| **Group Members: Name & ID.**   1. **Rakibul Islam-1511040642** 2. **Akif Arshad Chowdhury -151178642.** |
| **Currency converter** |
| **12/19/2018** |

**Introduction:**

A currency converter is software code that is designed to convert one currency into another in order to check its corresponding value. The code is generally a part of a desktop application and it is based on market or bank exchange rate.

In order to convert one currency into another, a user enters an amount of money (e.g. '1000') and chooses the currency he/she wishes to check the monetary value of (e.g. 'United States Dollar'). After that, the user selects one, or sometimes several other currencies, he/she would like to see the result in. The application then calculates and displays the corresponding amount of money.

**Software Platform:**

As our project will be windows OS based So, initially we are planning to make our application using Java programming language.

We will use eclipse IDE for development.

We will also use Junit extended library in eclipse for unit testing.

**Creating git repository:**

Our team will be in touch with our instructor vio git-hub.We will commit code segment and also unit testing code will be updated on weekly basis.

**Coding Segment:**

In our project we will use Jframe in order to project the output of our code.There will be some function that will convert the input in to the desired output to the user.

We are planning to add (4-6) conversion in our project as the project duration is 1 month.

**Unit Testing Segment:**

For unit testing first of all we should write the test cases for each function.After writing all test cases for each function then we will implement all the test cases into codes for testing each function.

As we planned that there might be (4-6) conversion in our project so there should be (4-6) unit testing codes as well.If we write specific function that are not related with the conversion so,In this case there should be test codes as well for that specific function.

**Gantt Chart:**

