FACULTY: SAS3.

CSE427.1

Group: 5

Group Members: Name & ID.
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Currency converter

12/19/2018

Semester:Spring19

Introduction:

In our project we are building a “Currency converter” desktop application.Our project is designed a desktop application 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:

Programming Language: Java.

Operating System: Windows.

Junit5 extended library in eclipse for unit testing.

Creating Git repository:

Our team will be in touch with our instructor in git-hub.We will commit code and Files will be updated on weekly basis.

We are dividing our project into two parts.One is development and the other part is Testing.

Development:

In our project we will use GUI(Graphic user interface) in order to project the output of our code.The function of this application 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.

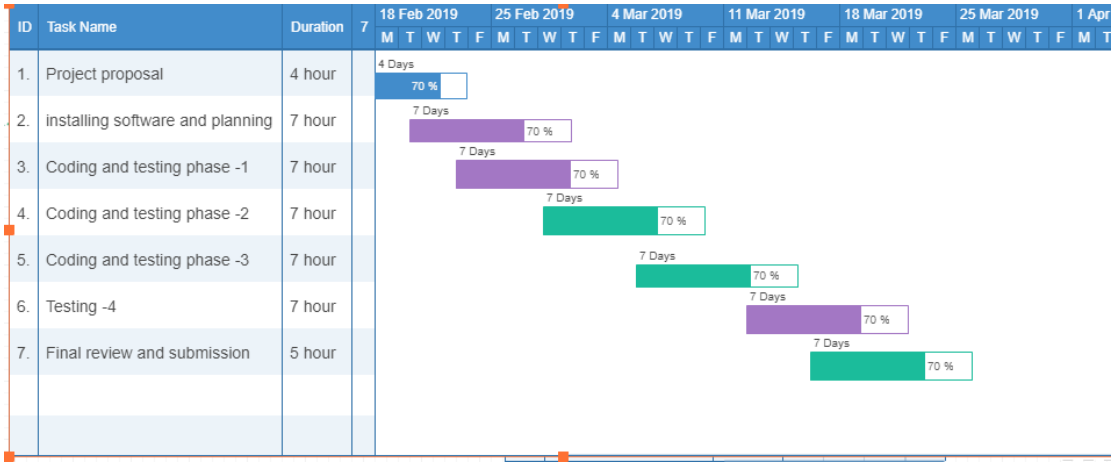
Test Plan:

In project-1 we are doing doing White-Box testing.As a part of White box testing we are doing unit testing.

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 will be 6 conversion in our project In this case there should be test codes as well for each specific function.

Gantt Chart:


ID
Task Name
Duration
18 Feb 2019
25 Feb 2019
4 Mar 2019
11 Mar 2019
18 Mar 2019
25 Mar 2019
1 Apr
1. Project proposal 4 hour
2. installing software and planning 7 hour
3. Coding and testing phase -1 7 hour
4. Coding and testing phase -2 7 hour
5. Coding and testing phase -3 7 hour
6. Testing -4 7 hour
7. Final review and submission 5 hour
4 Days
7 Days
70 %