Project Plan

CMSC 495 6380 Current Trends and Projects in Computer Science (2218)

Professor Dr. Dao

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Group 5

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**Revision history**

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| --- | --- | --- | --- |
| **Revision number** | **Date** | **Description (list what was added or modified)** | **Name (the one who did the addition or modification)** |
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**1. Requirement Specifications**

Group 5 will be designing an application to convert one currency into another. This will be a standalone downloadable desktop application that connects to the internet for near-real time currency values. The application will have a user selectable menu for currency conversion choices. The user will be able to input a value, select the currency value to convert from and the currency value to convert to. Primary development will be in Java with a target executable file for the Windows 10 OS. Future goal is to have an OS agnostic operating platform.

2**. System Specification**

**2.a Development Platform**

CPU: Intel(R) Core(TM) i7-6700 3.40GHz 3.40 GHz

Memory: 24Gb of RAM

Hard Disk: 1 TB SSD WD Blue

Operating System: Windows 10 Pro 21H1

Operating System: Linux Mint 20.2

Java Environment: Java JDK 8

Development IDE: Version: 2021-06 (4.20.0)

**2.b Operating platform**

**Operating Systems(32-bit and 64-bit): Windows 10**

**CPU:** Pentium 4, or AMD Athlon or Higher

RAM: 512MB

Disk space: 10MB

Internet Connection

System Graphics

**Recommended Hardware:**

Meets Operating System required hardware specifications

3**. Software Management**

Software version control will be handled through Git, using Github as the repository for code sharing.

**Link to repository:**

<https://github.com/makhschaf/Group-5-UMGC-495#group-5-umgc-495>

**4. Project Schedule**