**Currency Converter**

**University of Maryland Global Campus**

**CMSC 495 7981 Current Trends and Projects**

Group 4: Justin Miller, Mike Yacht, Ayao Adanto, Brandon Tennyson

Project Plan

Revision 1

March 23, 2020

**Revision Table**

|  |  |  |  |
| --- | --- | --- | --- |
| Revision Number | Description | Revisor | Date |
| 1 | Initial Document | Justin Miller | March 23, 2020 |
| 2 | Updated System Requirements | Michael Yacht | March 26, 2020 |
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**Requirement Specifications**

Build an application to convert from one currency to a second one.

Requirements are listed in separate document: Project Requirements

**System Specifications**

1. Processor: 1 gigahertz (GHz) or faster processor or SoC
2. RAM: 2 GB
3. Hard disk space: 1 GB (Will be less, we won’t know until we start coding)
4. Graphics card: DirectX 9 or later with WDDM 1.0 driver
5. Display: 800 x 600
6. Operating Platform: Windows 10 running Java JRE 7
7. Active Internet Connection (at least 1Mb/sec)

**Software Management**

Software version control will be handled through GitHub. The location of the repository is at <https://github.com/JustinLMiller/CMSC495>

**Project Schedule**

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| --- | --- | --- | --- | --- |
| Task | Duration (days) | Start Date | End Date | Personnel |
| Project Plan | **7** | **3/23/2020** | **3/29/2020** |  |
| 1. Write Project Plan | 3 | 3/23/2020 | 3/25/2020 | Justin Miller |
| 1. Review Project Plan | 2 | 3/26/2020 | 3/27/2020 | Michael Yacht, Brandon Tennyson, Ayao Adanto |
| 1. Revise Project Plan | 2 | 3/28/2020 | 3/29/2020 | Justin Miller |
| Project Requirements | **7** | **3/23/2020** | **3/29/2020** |  |
| 1. Write Requirements | 3 | 3/23/2020 | 3/25/2020 | Justin Miller |
| 1. Review Requirements | 2 | 3/26/2020 | 3/27/2020 | Michael Yacht, Brandon Tennyson, Ayao Adanto |
| 1. Revise Requirements | 2 | 3/28/2020 | 3/29/2020 | Justin Miller |
| Project Analysis | **7** | **3/30/2020** | **4/5/2020** |  |
| 1. Write Project Analysis | 3 | 3/30/2020 | 4/1/2020 | Ayao Adanto |
| 1. Review Project Analysis | 2 | 4/2/2020 | 4/3/2020 | Michael Yacht, Justin Miller, Brandon Tennyson |
| 1. Revise Project Analysis | 2 | 4/4/2020 | 4/5/2020 | Ayao Adanto |
| Project Design | **7** | **4/6/2020** | **4/12/2020** |  |
| 1. Write Project Design | 3 | 4/6/2020 | 4/8/2020 | Michael Yacht |
| 1. Review Project Design | 2 | 4/9/2020 | 4/10/2020 | Justin Miller, Brandon Tennyson, Ayao Adanto |
| 1. Revise Project Design | 2 | 4/11/2020 | 4/12/2020 | Michael Yacht |
| ICD | **7** | **4/13/2020** | **4/19/2020** |  |
| 1. Write ICD | 3 | 4/13/2020 | 4/15/2020 | Brandon Tennyson |
| 1. Review ICD | 2 | 4/16/2020 | 4/17/2020 | Michael Yacht, Justin Miller, Aya Adanto |
| 1. Revise ICD | 2 | 4/18/2020 | 4/19/2020 | Brandon Tennyson |
| Test Plan | **7** | **4/13/2020** | **4/19/2020** |  |
| 1. Write Test Plan | 3 | 4/13/2020 | 4/15/2020 | Justin Miller |
| 1. Review Test Plan | 2 | 4/16/2020 | 4/17/2020 | Michael Yacht, Ayao Adento, Brandon Tennyson |
| 1. Revise Test Plan | 2 | 4/18/2020 | 4/19/2020 | Justin Miller |
| Sprint 1 development | **7** | **4/20/2020** | **4/26/2020** |  |
| 1. GUI Data Entry |  | 4/20/2020 | 4/26/2020 | Brandon Tennyson |
| 2. Data storage |  | 4/20/2020 | 4/26/2020 | Michael Yacht |
| 3. Current Rate import |  | 4/20/2020 | 4/26/2020 | Justin Miller |
| 4. Currency conversion logic |  | 4/20/2020 | 4/26/2020 | Ayao Adanto |
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| Sprint 2 | **7** | **4/27/2020** | **5/3/2020** |  |
| 1. Add splash screen |  | 4/27/2020 | 5/3/2020 | Ayao Adanto |
| 2. Refine color scheme |  | 4/27/2020 | 5/3/2020 | Brandon Tennyson |
| 3. Error handling |  | 4/27/2020 | 5/3/2020 | Michael Yacht, Justin Miller |
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| Final Sprint | **7** | **5/4/2020** | **5/10/2020** |  |
| 1. Test Basic functions | 3 | 5/4/2020 | 5/6/2020 | Michael Yacht |
| 2. GUI data entry testing | 3 | 5/4/2020 | 5/6/2020 | Brandon Tennyson |
| 3. GUI data results testing | 3 | 5/4/2020 | 5/6/2020 | Ayao Adanto |
| 4. Connectivity testing | 3 | 5/4/2020 | 5/6/2020 | Justin Miller |
| 5. Final touches | 2 | 5/7/2020 | 5/8/2020 | Michael Yacht, Ayao Adento, Brandon Tennyson, Justin Miller |
| 6. Submit project | 1 | 5/8/2020 | 5/8/2020 |  |
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