**Final Project Plan - Sudoku Application**

**Rev v2.0**

**Abel Tabor, Thomas Edwards, Brian Jefferson**

**CMSC 495**

**Section 7384**

**Group 5**

**5/8/2022**

**Professor Dao**

**Revision History**

|  |  |  |
| --- | --- | --- |
| **Name** | **Date** | **Description** |
| Thomas Edwards | 5/7/2022 | Updated cover page, version (v2.0), updated requirements. |
| Thomas Edwards | 5/8/2022 | Updated schedule to include Sprints 1 and 2. Moved Development and Operating platforms to System Specification. |
| Thomas Edwards | 5/8/2022 | \*\*Final Revision Complete\*\*  Edited developer system specification to only show specification used for project. Uploaded document to GitHub repository |
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**System Specification**

Listed below are the developers’ software and hardware specifications to be utilized for this project. Any compatibility issues shall be assessed and addressed during planned team meetings.

**Development Platform**

Our development team has decided on utilizing Java Eclipse. Java Eclipse will allow each developer to implement user-friendly GUI accessibility as well as a standardized method of deployment. Lastly, Eclipse Java is the preferred IDE for the team’s applications.

**Operating Platform**

All developers’ listed system specifications are optimal for the execution of this project/product. Two developers are utilizing Windows 10 with Java Eclipse IDE and one developer is utilizing Mac OS Monterey with Java Eclipse 2019-03.

**Thomas Edwards**

Laptop

Intel Core i5-6300U CPU @ 2.4GHz 2.50. GHz. 16 Gigabytes memory, 250 GB hard disk, Windows 10 (64-bit), Eclipse Java 2019-03, Java 8.

Home Desktop

AMD Ryzen 5 2600 @ 6x 3.4GHz. 16 Gigabytes, 5 TB, Windows 10 (64-bit), Eclipse Java 2019-03, Java 8.

**Abel Tabor**

Home Desktop

Intel Core i53570K @ 3.40GHz 16GB Memory, 1TB, Windows 10. Eclipse Java 2022- 03, Java 8,

**Brian Jefferson**

Home Desktop

Dual-Core Intel Core i5 processor @ 3.1GHz 8GB Memory, 256GB Hard Disk, Mac OS Monterey. Eclipse Java 2019-03, Java 8.

**Software Management**

**GitHub** was our choice for version-controlled software. It allowed our group to directly manage all software versions and documents across all development platforms.

**GitHub URL:** [**https://github.com/ThomasJE85/CMSC-495-Group-5.git**](https://github.com/ThomasJE85/CMSC-495-Group-5.git)

**Project Schedule**

**Note:** Tasking and timelines subject to change. This schedule is based on week-to-week deliverables.

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| **Task** | **Duration** | **Start Date** | **End Date** | **Personnel** |
| **Project Requirements**  a. Writing  b. Self-Review  c. Team Revision/Submission | 1 Week | 3/22/2022 | 3/29/2022 | Abel, Brian,  Thomas |
| **Project Analysis**  a. Analyzing  b. Self-Review  c. Team Revision/Submission | 1 Week | 3/29/2022 | 4/5/2022 | Abel, Brian,  Thomas |
| **Project Design**  a. Plan  b. Review  c. Team Revision/Submission | 1 Week | 4/5/2022 | 4/12/2022 | Abel, Brian,  Thomas |
| **Project Test Plan and ICD**  (Interface Control Document)  a. Plan draft/ICD draft  b. Review drafts  c. Team Revision/Submission | 1 Week | 4/12/2022 | 4/19/2022 | Abel, Brian,  Thomas |
| **Sprint 1**  a. Conduct meeting  b. Assess project Demands; Assign tasking  c. Team Revision/Submission | <1 Week | 4/19/2022 | 4/26/2022 | Abel, Brian,  Thomas |
| **Sprint 2**  a. Conduct meeting  b. Assess project Demands; Assign tasking  c. Team Revision/Submission | <1 Week | 4/26/2022 | 5/3/2022 | Abel, Brian,  Thomas |
| **Implementation and Testing**  a. Final version testing  b. Final version review  c. Prep for delivery | <1 Week | 4/19/2022 | \*5/6/2022 | Abel, Brian,  Thomas |
| **Final Deliveries** | 1 Week | 5/3/2022 | 5/8/2022 | Abel, Brian,  Thomas |