Project Plan

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University of Maryland Global Campus

CMSC 495 6380 Current Trends and Projects in Computer Science

Group 4

Revision 4

31 May 2022

**Revision History Table**

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| --- | --- | --- | --- |
| **Revision Number** | **Date** | **Description** | **Name** |
| 1 | 5/22/2022 | Created the Document with basic details | Maureen O’Malley |
| 2 | 5/22/2022 | Added various Requirements | Ryan Buckmaster |
| 3 | 5/22/2022 | Added sections according to rubric such as functional requirements table and project schedule | Maureen O’Malley |
| 4 | 5/24/2022 | Create separate Project Plan & Project Requirements Documents | Maureen O’Malley |
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**Requirement Specifications**

The purpose of this project is to create a library management system that allows the user to register, to check out books, and to renew books. The program will use a graphical user interface to generate registration and login pages. The authentication information will be stored in a separate location and hashed for increased security. The user information and book information will be stored using a Glassfish server and SQL databases. The following table lists the functional requirements of the system.

**System Specification**

* A personal computer with JDK 6.0.
* Developers will use Netbeans IDE and IntelliJ IDE

**Software Management**

**Project Schedule**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Task** | **Duration** | **Start Date** | **End Date** | **Developers** |
| Project Requirements & Project Plan Document | 7 days | 5/24/22 | 5/31/22 | Katherine Galvin, Ryan Buckmaster and Maureen O’Malley |
| Project Analysis Document | 7 days | 5/31/22 | 6/7/22 | Katherine Galvin, Ryan Buckmaster and Maureen O’Malley |
| Project Design Document | 7 days | 6/7/22 | 6/14/22 | Katherine Galvin, Ryan Buckmaster and Maureen O’Malley |
| Project Test Plan & ICD Document | 7 days | 6/14/22 | 6/21/22 | Katherine Galvin, Ryan Buckmaster and Maureen O’Malley |
| Sprint 1 Individual Tasks | 7 days | 6/21/22 | 6/28/22 | Katherine Galvin, Ryan Buckmaster and Maureen O’Malley |
| Sprint 2 Individual Tasks | 7 days | 6/28/22 | 7/5/22 | Katherine Galvin, Ryan Buckmaster and Maureen O’Malley |
| Final source code and executables | 4 days | 7/5/22 | 7/9/22 |  |
| Test Case Screenshots for Final Delivery Document | 5 days | 7/5/22 | 7/10/22 |  |
| User’s Guide for Final Delivery Document | 5 days | 7/5/22 | 7/10/22 |  |
| All documents updated for Final Delivery Document | 5 days | 7/5/22 | 7/10/22 |  |
| Final Delivery Document (Post early enough so group members have time to reply as discussion closes on 7/10/22) | 5 days | 7/5/22 | 7/10/22 | Katherine Galvin, Ryan Buckmaster and Maureen O’Malley |