***Library Management System***

***Phase 1 Report***

Group 1

Gonghweh Koo

Scott Richardson

Cynthia Reynolds

Jonathan Dreksler

November 25, 2020

University of Maryland Global Campus

CMSC 495

Professor Kayed

Table of Contents

[1. Project Schedule/Milestones 2](#_Toc57059490)

[1.1. Original Schedule and Milestone for week 5 (18 – 24 November 2020) 2](#_Toc57059491)

[1.2. Evaluation of Project Schedule/Milestones 2](#_Toc57059492)

[2. Documentation Updates 3](#_Toc57059493)

[2.1. Project Plan 3](#_Toc57059494)

[2.2. Test Plan 3](#_Toc57059495)

[2.3. User’s Guide 3](#_Toc57059496)

[2.4. Project Design 3](#_Toc57059497)

[3. Special Circumstances 3](#_Toc57059498)

[3.1. Role Changes 3](#_Toc57059499)

[4. Reevaluation of Decisions Made So Far 3](#_Toc57059500)

# 1. Project Schedule/Milestones

## 1.1. Original Schedule and Milestone for week 5 (18 – 24 November 2020)

To date, Group 1 has been meeting the weekly assignment milestones prescribed by the CMSC 495 course schedule. Our goal has been to share initial documents with each other at least two days prior to the assignment submission date. We felt this would provide each group member ample time to review and recommend edits to the documents.

|  |  |  |  |
| --- | --- | --- | --- |
| **Milestone** | **WBS** | **Due Date** | **Status** |
| Project Plan | 2.7. | 4-Nov | Completed |
| Test Plan | 4.4. | 11-Nov | Completed |
| Project Design | 3.2. | 18-Nov | Completed |
| User’s Guide | 6.2. | 18-Nov | Completed |
| Coding/Implementation Phase 1 | 5.1.1. | 25-Nov | In-progress |
| Coding/Implementation Phase 2 | 5.2.1. | 2-Dec | To do |
| Coding/Implementation Phase 3 | 5.3.1. | 9-Dec | To do |
| Final Project | 8 | 15-Dec | In-progress |

**Table 1: Original Milestones/Assignment Due Dates**

## 1.2. Evaluation of Project Schedule/Milestones

As of our weekly group meeting on November 23, 2020, Group 1 agreed that we are content with our project documents and we are running on schedule. Our expectation is to have the test plan, design document, and the user’s guide up-to-date and on schedule for completion by December 9, 2020.

# 2. Documentation Updates

## 2.1. Project Plan

After receiving feedback from the professor indicating that our project plan is very organized and detailed, we decided no further changes would be needed.

## 2.2. Test Plan

The following update was made to our test plan after the original submission:

* Section 8.2 Pass Criteria is now referring back to Section 5.2.
* Added a UAT Test Case for requesting an extension to an item due date.

## 2.3. User’s Guide

The following update was made to our test plan after the original submission:

* Changed the word “books” to “item” throughout the entire document.

## 2.4. Project Design

Upon receiving feedback from the professor indicating that our project design is very professional and detailed, we agreed no further changes are required.

# 3. Special Circumstances

## 3.1. Role Changes

Prior to the conclusion of week 3, group 1 realized it was necessary to adjust the roles/responsibilities that were initially established at the start of the project. Due to extenuating circumstances, Scott and Jonathan switched roles–the Test Lead was changed from Jonathan to Scott and the Developer Lead was changed from Scott to Jonathan.

# 4. Reevaluation of Decisions Made So Far

We had initially decided to use a file to store the different data entities used in the application. After further review of the design document, we decided it would be more beneficial to use the H2 open source DBMS to store the data instead of writing/reading to a file.