| REVIEW DOCUMENT | | | |
|---|---|---|---|
| Start Date: 5/5/2021 | | | |
| Project Name: Library Management System | | Number of Pages: | |
| Product Name: LMS | | Product Definition: Library Management System | |
| Roles: | Review Leader: | | |
| | Reviewers: | *1. Özgün Şen* | *3. Berfu Anıl* |
| | | *2. Nehir Erdem* | *4. Esra Ateş* |
| Review Materials: | ● *Vision (V)*<br>● *Glossary (G)*<br>● *Use Case Model (U)*<br>● *System-Wide Requirements (S)*<br>● *Risk List (R)*<br>● *Project Plan (P)*<br>● *Work Items List (W)*<br>● *Next Iteration's Plan (N)*<br>● *Test Cases (T)*<br>● *Design Document (D)* | | |
| Total Number of Errors: | | | |
| Assessment Status: | ACCEPTED<br>____ as it is<br>____ with rework | REJECTED<br>____ review again | |

| ERROR TYPES | | |
|---|---|---|
| Error Type Number | Error Type Definition | Number of Errors Found |
| 1 | Spelling (grammar, punctuation, etc) | |
| 2 | Inconsistency with the standards | |
| 3 | Uncertain | |
| 4 | Incorrect | |
| 5 | Inapplicable | |
| 6 | Internal Inconsistency | |
| 7 | External Inconsistency | |
| 8 | Incomplete/Insufficient/Missing | |
| 9 | Other | |
| | **TOTAL** | |
| Importance Types | Importance Type | Number of Errors Found |
| | Little | 7 |
| | Medium | 12 |
| | Important | 14 |
| | **TOTAL** | 33 |

| No | Reviewed Material ID | Section | Page | Line/ No | Error Type | Importance | Explanation | Correction Status | Correction Explanation |
|---|---|---|---|---|---|---|---|---|---|
| 1 | **P** | 4 | 3 | Table | 8 | Medium | Which use case is done in which iteration is not clear | | |
| 2 | **U** | 1.2 | 3-14 | All | 2 | Medium | All use cases are given in fully-dressed format | | |
| 3 | **U** | 1.2 | 4 6 7 | 36,38,42 11 38 | 9 | Little | Lines are highlighted, exception cases are written with red color | | |
| 4 | **U** | 1.2 | 8 | Last line | 8 | Important | Missing step: What happens when a user wants to manage materials? Is this request independent of the system? | | |
| 5 | **U** | 1.2 | 9 | 15 | 1 | Little | "no materials" | | |
| 6 | **U** | 1.2 | 9 | 16 | 8 | Important | When there is no material, is the only thing that the user can do, to create a new one? (Extension 4a and 4b) | | |
| 7 | **U** | 1.2 | 9 | 18,29,40 | 8 | Important | Missing step: If these are the extensions (alternative flows) of the fourth step, then what happens when the user selects "Manage Materials". | | |
| 8 | **U** | 1.2 | 9 | 25 | 8 | Medium | Missing Step: How does the system understand that the user finishes entering the details? | | |
| 9 | **U** | 1.2 | 9 | 21 | 8 | Important | Which fields of the material should be unique? This information should be given here or in the Glossary. | | |
| 10 | **U** | 1.2 | 9 | 41 | 8 | Important | Missing Step: How does the system understand that the user wants to delete the selected material? | | |
| 11 | **U** | 1.2 | 10 | 7 | 6 | Medium | There is no password or member number entrance. The Technology and Data Variations List section is inconsistent with the use case. | | |
| 12 | **U** | 1.2 | 11 | 48 | 8 | Important | Missing pre-condition: There should be at least one pre-defined material to be borrowed. | | |
| 13 | **U** | 1.2 | 11 | 48 | 8 | Important | Missing pre-condition: Search Material function should be developed. | | |
| 14 | **U** | 1.2 | 3 | 23 | 6 | Little | Use case numbering can be done according to their dependencies. (Use case 6 uses Use Case 9) | | |
| 15 | **U** | 1.2 | 12 | 2 | 8 | Medium | Missing step: User can only request to open the screen then the System should display the Search Material screen. | | |
| 16 | **U** | 1.2 | 12 13 | 3 3 | 8 | Medium | On which information of the material, search can work. | | |
| 17 | **U** | 1.2 | 12 | 5 | 1 | Little | "Member select … and make.." | | |
| 18 | **U** | 1.2 | 12 | 6 | 6 | Important | At step 4, the member selects "a material" but at step 5, the system shows the selected "materials" with their information. | | |

| 19 | U | 1.2 | 12 | 1 | 8 | Important | There should be a loop or an extension case since members can want to search for other material. | | |
| 20 | U | 1.2 | 12 | 29 | 6 | Medium | There is no password or member number entrance. The Technology and Data Variations List section is inconsistent with the use case. | | |
| 21 | U | 1.2 | 12 | 10 | 8 | Important | What if there is no material that is met with the search criteria? (Extension 3a is missing) | | |
| 22 | U | 1.2 | 13 | 2 | 8 | Medium | Missing step: User can only request to open the screen then the System should display the Search Material screen. | | |
| 23 | U | 1.2 | 13 | 1 | 8 | Medium | There should be a loop such as "Step 3 and 4 are repeated until the user indicates it is done" | | |
| 24 | U | 1.2 | 13 | 15 | 6 | Important | This extension case should belong to step 4 not step 3. | | |
| 25 | U | 1.2 | 13 | 24 | 6 | Medium | There is no password or member number entrance. The Technology and Data Variations List section is inconsistent with the use case. | | |
| 26 | T | - | - | - | 8 | Important | "Expected Test Result" should specify the expected system behaviour when the actions specified in the test steps are executed. "Pass" is not a meaningful result, it is the status of the test result. | | |
| 27 | T | All | All | | 6 | Important | Test case labels for all use cases are given. | | |
| 28 | T | All | All | | 9 | Little | Test data (for name, surname, etc.) may be meaningful instead of some random letters (qw, qwe, CDC, etc.) | | |
| 29 | T | 1 | 2 | - | 9 | Medium | User credentials given in the test case 001 are not valid. (admin user credentials) | | |
| 30 | T | - | 6 | 6 | 8 | Little | "Make changes in Librarian" is not clear. Which fields are expected to be updated? | | |
| 31 | T | - | 6 | 6 | 8 | Little | It seems like software asks for a password before applying Librarian info updates. This step may be included in the test actions. | | |
| 32 | D | 3.2 | 4 | - | 3 | Medium | Where do you use the Singleton pattern in this project? | | |
| 33 | D | 2 | 3 | | 3 | Important | It is not understood why main features such as user management and authentication are considered as subsystems | | |

**Application Review**

1. There is a disabled form field named "User Number" at Add new Librarian and Member pages.

2. It is not fully understood what the Check Passport button verifies. Validation is successful for any value entered in 8 digits.

3. Passport minimum length is not defined and not validated while adding new users or updating them.

4. Passport area can be saved as anything less than 8 in length.

5. Passport maximum length is not set in the text area. It can be entered unlimited.

6. Librarian and Member details can not be edited by admin without re-entering the user password.

7. The email field can be saved or updated by entering any value.