**Requirements Review Report for the LOAFR System Document:**

By: Wil Bishop, Anakin Nolette, Trent Young, Ashlyn Pietrowski

—-------------------------------------------------------------------------------------------------------------------------

**Section 1:**

| **Location** | **Description** | **Category** | **Resolution** |
| --- | --- | --- | --- |
| Section 1.2 - *Anakin, Trent, 2/19* | This section did not have enough descriptions of what the abbreviations throughout the document mean. | Readability, Completeness | Added abbreviations and corresponding descriptions in Section 1.2 for every abbreviation used in the document. |

**Section 2:**

| **Location** | **Description** | **Category** | **Resolution** |
| --- | --- | --- | --- |
| Section 2.6 - *Ashlyn, 2/19* | This portion should reference which portion of the document has the ‘help’ button. | Traceability, Completeness | Added: “(section 4.10”. |
| Section 2.7 - *Ashlyn, 2/19* | This section should have an assumption statement added to help the reader understand why we chose some specifications later on in the document. | Clarification / Adding Assumptions | Added: “We are assuming that the connected database and or server to the LOAFR system is able to handle any memory / storage demands that are deemed necessary.” |

**Section 3:**

| **Location** | **Description** | **Category** | **Resolution** |
| --- | --- | --- | --- |
| Section 3.2 - *Trent, 2/19* | There are statements that have specific directions on how to handle errors. These should be removed as we are not in the appropriate stage to determine these error handling cases yet. | Completeness | Removed all statements that have specific error cases mentioned in them. |

**Section 4:**

| **Location** | **Description** | **Category** | **Resolution** |
| --- | --- | --- | --- |
| Section 4 (General) - *Trent, 2/20* | Throughout section 4, there are inconsistent uses of the ‘REQ-X-X’ format. | Readability / Standardization | Change all instances of ‘REQ-X-X’ to ‘REQ-X’. |
| Section 4.1.2 - *Anakin, 2/20* | There is no clear description of what should happen if a system cannot load a file in this section. | Clarification / Error checking | Add: “If the system is unable to load the file, an error message shall appear…” (and bullets beneath). |
| Section 4.1.3 - *Wil, 2/20* | There are no specific error messages or instructions. | Clarification / Error checking | Replaced “no space left…” with an error message. |
| Section 4.2.1 - *Anakin, 2/20* | There are no references to earlier parts of the document in this section. | Traceability | Add “This requirement fulfills section 2.2”. |
| Section 4.2.2 - *Ashlyn, Trent, 2/20* | There is no clear description on what should happen if the input is invalid here. | Clarification / Error checking | Add: “ If the input is invalid, the displayed data shall not change and the sorting bar shall turn red, indicating that an error has occurred. In addition, display an error message. If there is an illegal character display: "Invalid Character." If there are any other errors display: "Error" “ |
| Section 4.2.3 - *Trent, 2/20* | There should be a TBD that replaced the ‘10’ within “a 10 percent similarity”. This is too specific and does not need to be decided at the moment. | Generalization | Replaced 10 with TBD. |
| Section 4.3 - *Wil, 2/20* | The rating of this requirement section should be changed from medium to high, since the requirements go from high to low. | Formatting | Replaced “medium” with “high”. |
| Section 4.3.1 - *Ashlyn, Wil, 2/20* | There should be some tracing back to an earlier section of the document. | Traceability | Add: “This requirement fulfills section 2.2”. |
| Section 4.3.2 - *Ashlyn, 2/20* | There is no error message information in this section. | Clarification | Added error message information. |
| Section 4.4 - *Anakin, 2/20* | The rating of this requirement section should be changed from medium to high, since the requirements go from high to low. | Formatting | Changed from “medium” to “high”. |
| Section 4.4.2 - *Anakin, Trent, 2/20* | There is no error message information in this section. | Clarification | Add: “In addition, display an error message…” |
| Section 4.5.1 - *Trent, Wil, 2/20* | There is no tracing back to earlier in the document. | Traceability | Add: “This requirement fulfills section 2.2”. |
| Section 4.6.1 - *Trent, Wil, 2/20* | There is no tracing back to earlier in the document. | Traceability | Add: “This requirement fulfills section 2.2”. |
| Section 4.7 - *All, 2/20* | The long bulleted list that describes a repetitive process of errors could be changed to a reference to the glossary. | Readability | Changed list to: “If the system is unable to create the file, it will create an error message based on File Error Message (Glossary A).” |
| Section 4.7 *- Ashlyn, 2/20* | There is no description on what should happen if a file is successfully created. | Completeness | Added: “If successful, return…”. |
| Section 4.8 - *Anakin, Trent, Wil, 2/20* | The long bulleted list that describes a repetitive process of errors could be changed to a reference to the glossary. | Readability | Changed list to: “If the system is unable to create the file, it will create an error message based on File Error Message (Glossary A).” |
| Section 4.9.1 - *All, 2/20* | There is no tracing back to earlier in the document. | Traceability | Add: “This requirement fulfills section 5.4”. |
| Section 4.9.2 - *Trent, Wil, 2/20* | There is not enough detail about errors in this section. | Clarification / Error checking | Add: “If an error occurs, generate an error message…” and bullet list. |
| Section 4.10.1 - *All, 2/20* | There is no tracing back to earlier in the document. | Traceability | Add: “This requirement fulfills section 2.6”. |
| Section 4.10.3 - *Ashlyn, 2/20* | The statement in section 4.10.3 is not very clear in its objective. | Clarification / Readability | Add: “If there is an issue, reference File Error Message: Glossary A…” |

**Section 5:**

| **Location** | **Description** | **Category** | **Resolution** |
| --- | --- | --- | --- |
| Section 5.1.1 - *Anakin, 2/18* | The grammar in the statement “In order for users to get a response…” in 5.1.1 is incorrect. | Readability | Change the statement to: “This criteria is so the system will not seem unresponsive” |
| Section 5.2.3 - *Anakin, 2/18* | The grammar in the statement “The system shall save 1MB of space…” in 5.2.3 is incorrect. | Readability | Changed to: “The system shall save 1MB of space in the front end of its allocated memory space to act as a buffer”. |
| Section 5.2.5 - *Anakin, 2/18* | There is no information about how many times a user could enter input in the system in a given time frame in 5.2.5. | Clarification / Completeness | Add: “The system shall only allow one user input every 20ms”. |
| Section 5.4.1 - *Anakin, 2/18* | There is duplication and unclear language in this section. | Clarification / Readability | Changed to: “The system shall be adaptable, flexible, robust…”. |

**Appendix A:**

| **Location** | **Description** | **Category** | **Resolution** |
| --- | --- | --- | --- |
| Appendix A - *All, 2/27* | There is no information about common error messages that could be referenced throughout the document. | Readability / Clarification / Traceability | Added information about file load errors, save file errors, and their corresponding error messages. This is generic enough to be referenced throughout the requirements portion of the document. |

**Appendix B:**

| **Location** | **Description** | **Category** | **Resolution** |
| --- | --- | --- | --- |
| Appendix B - *Ashlyn, 2/28* | There are no UML diagrams in the document. | Completeness | Added a link to a document that has all the UML diagrams related to the LOAFR system in it. |

**Appendix C:**

| **Location** | **Description** | **Category** | **Resolution** |
| --- | --- | --- | --- |
| Appendix C - *All, 2/28* | There should be more use cases added, and the use cases should be more descriptive in nature. | Completeness | Removed use cases, added link to use cases document instead. |
| Appendix C - *All, 2/28* | There is not a reference or link to the “What We Changed” document in the SRS. | Completeness | Added a link to the document that leads to this current document. |
| Appendix C - *All, 2/28* | There is not a reference to the checklist created that contains what we looked at before editing the document for P2. | Completeness | Added a link to the “LOAFR Checklist” document. |