### System Maintenance Document Submission Assessment

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| Assessment Criteria | | | | | | | | | | | | | | Comments / Marks | | | |
| General Presentation:  Documents Titled and Pages Properly Linked/Numbered  Project & Team Identification  Table of Contents  Index & Glossary | | | | | | | | | | | | | | ( /2) | | | |
| Scope  Major Software Functions  Major Design Constraints, Limitations | | | | | | | | | | | | | | ( /3) | | | |
| References  Existing document, System document  Vendor document | | | | | | | | | | | | | | ( /3) | | | |
| Object Oriented Design (32) |  | | | Clarity | | Correctness | | | Standards | | Detail | | Comments | | | |
| High Level Architecture Design (4) | | | (1) | | (1) | | | (1) | | (1) | |  | | | |
| Component / Container / Class structure and their communication (8) | | | (2) | | (2) | | | (2) | | (2) | |
| ERD Diagram and data access strategy (8) | | | (2) | | (2) | | | (2) | | (2) | |
| Sequence Diagrams for implemented User Stories (8) | | | (2) | | (2) | | | (2) | | (2) | |
| Methods Reference (4) | | | (1) | | (1) | | | (1) | | (1) | |
| Each diagram is evaluated by four criteria: correctness, clarity of expression, compliance with standards, and detail. Correctness refers to whether there are any logical errors and inconsistencies in the diagrams presented. Are incorrect relationships being used? Does the diagram accurately represent information? Clarity of expressions refers to how well the diagram is communicated. Are the fonts legible? Are the diagrams cluttered? Are the explanations coherent? Compliance with standards refers to whether or not a diagram complies with standard notations. Is the diagram valid UML? Are the appropriate connector types used? Is the diagram’s notation made up? Detail refers to how fully the view of the system is represented.  Each of these dimensions will be marked as either good, satisfactory, or unsatisfactory which correspond to two, one, and zero marks. | | | | | | | | | | | | | | | |
| User Stories (44) |  | | | | Clarity | | | Correctness | | Standards | | Detail | | | | Comments | |
| User Story Dictionary (4) | | | | (1) | | | (1) | | (1) | | (1) | | | |  | |
| Prototype screens for entire system and Responsiveness design (16) | | | | (4) | | | (4) | | (4) | | (4) | | | |
| User Story Definition (16) | | | | (4) | | | (4) | | (4) | | (4) | | | |
| Flow of Interaction (8) | | | | (2) | | | (2) | | (2) | | (2) | | | |
| Each User Story is evaluated by four criteria: correctness, clarity of expression, compliance with standards, and detail. Correctness refers to whether all is defined precisely and correctly. Standard denotes user story definition; diagrams are following defined standard and structure. Your definition must be detailed enough. As an example, have you covered all acceptance criteria or all aspects in your prototype? Each of these dimensions will be marked as either good, satisfactory, or unsatisfactory. | | | | | | | | | | | | | | | | |
|  | | | Testing Method | | | | Effectiveness | | | | | | | | Coverage | | |
| Software Release Report (15) | | **Usability Test Report (5)** | The tests are precisely defined and the aim and method of the test are appropriately defined  Must include the audience description, metrics definition, approach/plan (might include survey with questions to ask, should include observations of users performing tasks with UI) (2) | | | | Usability Test Report clearly shows how your test has improved your product in terms of usability. A good before-after comparison should be included. (2) | | | | | | | | There are enough observations for all user interface components and their associated functionalities (1) | | |
| **User Story Testing for implemented user stories (5)** | The testing clearly defines the steps required for the user stories, the inputs for each user story, the expected results and pass/fail criteria are clearly and precisely defined. The intended testing procedure is appropriate and clearly defined. (2) | | | | The test cases show that the system operates correctly through the main flow and appropriately handles alternate flows. (1) | | | | | | | | There are test cases for all operations and states for all implemented user story.  (2) | | |
| **Unit Testing (5)** | An appropriate unit testing framework has been selected. Unit tests are clearly defined for each relevant function. (2) | | | | The test cases show that the system operates correctly through the main flow and appropriately handles alternate flows. (1) | | | | | | | | There are test cases for all operations and states for all implemented and relevant functions. (2) | | |
| Special Notes (optional)  Appendix | | | | | | | | | | | | | | | ( /1) | | |