

Document Review – Software Requirement Specifications

Document Title: Document review of (HTDS) Software Requirements Specification

Application Name: Human Trafficking Detection System (HTDS)

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Feedback Provided by:

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Positive Feedback:

- The use cases presented with colors and tables make a good distinction between cases.
- Tables for the use cases are very well defined, each use case is clear and easy to read.
- The Data Flow Diagram has a lot of details which gives a lot of perspective of the system.
- Well defined and through use cases.
- The definitions and abbreviation were separated which looks a lot cleaner.
- Document is presented very well. Documents presented in a clear, readable good format, template.
- Background and scope of product clearly and well defined.

Negative Feedback:

- The table of content should include page number to make navigation easier. Page numbers along with page numbers corresponding with the table of contents should be added.
- A SRS document shouldn't describe the system architecture; this is part of the design and not part requirement documentation.
- Document needs more performance specification and database/ warehouse requirements. Section 3.4.1 "Performance" does not appear to be testable – it either states that HTDS must perform at least as well as the average case of undefined algorithms, or that HTDS must perform at least as well as the average case of the algorithms it is using (which it likely would, by definition). Different wording might suggest which sorting and counting algorithms HTDS must perform on-par or better than.
- Section 3.5.4 references the "poor stability in Java Development Kit", but this is not explained as to what this means or why it is potentially a development constraint.
- Section 3.5.2 mentions that the prototype will not be simulated on network architecture, but will be developed on a local machine "without affecting the functionality of the system". This appears to be at odds with Section 3.2.1 which states "Each HTDS agent should be able to Share the alerts with other agents within a network". An explanation on whether the prototype will be able to contain this functionality would be helpful.
- The figure numbers should start with the section they are in and then add one more level for the figure number itself in that section that it is describing.
- Make each use case its own section so it can easily be found in the index and then label each table for that section.
- How about a system failure or other attribute constraint? What is the backup plan? An example possibly?
- Technologies to be used/Team members background/skills are missing in the document
- Unnecessary use of terms and definitions descriptions, too many definitions which are a bit lengthy.