Smart Retail Inventory Management SRS V1
Client Feedback

NOVAFLECT

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1. Do requirements exhibit a clear distinction between functions and data?
   ➔ Yes, the requirements clearly distinguish between the functions of the system and the data that is required..

2. Do requirements define all the information to be displayed to users?
   ➔ Yes, the requirements define all the requested UI and more.

3. Do requirements address system and user response to error conditions?
   ➔ No, the requirements don't address any system or user response to error conditions. It only gives a brief discussion about the system hosting a help file for all of its functionality.

4. Is each requirement stated clearly, concisely, and unambiguously?
   ➔ Yes, all the requirements discussed during the requirement elicitation are present in the document with clear description of the requirement.

5. Is each requirement testable?
   ➔ Yes, all the requirements are testable.

6. Are there ambiguous or implied requirements?
   ➔ No, there are no such requirements.

7. Are there conflicting requirements?
   ➔ No, there aren't any conflicting requirements, but assumption 2.4.4 conflicts with 3.1.4 and 3.1.2 . Matching consumer demand with inventory is the goal of optimising inventory levels and is therefore part of the requirements.

8. Are there areas not addressed in the SRS that need to be?
   ➔ Yes, there are areas not addressed in the SRS. Some of the areas in the SRS document talks about a hospital system instead of the smart retail management system; those areas are missing from this SRS.

9. Are performance requirements (such as response time, data storage requirements) stated?
   ➔ Yes, some performance requirements are stated.

10. If the requirements involve complex decision chains, are they expressed in a form that facilitates comprehension (i.e., decision tables, decision trees, etc.)?
   ➔ No, there are no diagrams or visual aids used to illustrate complex decision chains.

11. Have requirements for performing software upgrades been specified?

→ Somewhat, security aspects are listed as "consistently integrated and upgraded" in section 2.25, but no clear requirements are listed.

12. Are there requirements that contain an unnecessary level of design detail?

→ It does not seem to contain an unnecessary amount of detail. Focuses on functional and non-functional requirements, architectural software descriptions and use cases.

13. Have the real-time constraints been specified in sufficient detail?

→ Somewhat, in section 3.4, mentions that response time for certain interactions must be within 3 seconds, and that security patches will be within 72 hours of detection. However, there isn't much detail in regards to specific use cases.

14. Has the precision and accuracy of calculations been specified?

→ 3.1.6 mentions calculating profitability by the tracking of everything sold and bought in real-time, but no hard specifics or any other calculations for that matter were given
→ 3.1.1.1 discusses the need for real-time tracking of inventory items

15. Is it possible to develop a thorough set of tests based on the information contained in the SRS? If not, what information is missing?

→ It is possible to develop a thorough set of tests based on the requirements contained in the SRS. It provides extensive descriptions of the system functionality, which certain test cases can be created from. However, missing use cases might lead to overlooking some of the requirements. Additional details such as error handling can also create a more comprehensive set of tests.

16. Have Assumptions and Dependencies been clearly stated?

➔ Yes, assumptions have been stated and general dependencies are mentioned, but nothing specific.

17. Does the document contain all the information called out in the outline for the SRS?

➔ Yes, the document contains all the information that is called for in the outline of the SRS but is missing some use cases in section 4.3 even though they are mentioned in section 3.1. (eg view sales analysis, approve purchase order)
** They have a lot of stuff from the sample srs that the prof gave, so reading through it is kinda confusing lol, ex: page 10 2.5