Requirements Verification Checklist

For Assessment of:	
Project Name	Tresno Batik
Document Name	SKPL & DPPL - ANNISA HUMAIRO.pdf
Date	11 – 25 - 2021
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	2.
	3.

Criteria	Yes / No / NA	Note
1. Correct — A Requirements Specification is correct if, and only if, every requirement stated therein is one that the system/software shall meet. Representing capability's real world environtment		
Is each requirement relevant to the problem and its solution?	No	Software membutuhkan IDE (Integrated Development Environment)
Is the definition of success included?	Yes	Semua kebutuhan dapat tercapai
Is the expected response time, from the user's point of view, specified for all necessary operations?	NA	
Are other timing considerations specified, such as processing time, data transfer, and throughput?	NA	
Are all the tasks to be performed by the system/software specified?	Yes	Semua fungsi/tugas sistem tertulis di DFD dan dapat tercapai
Does each task specify the data/information content used in the task and the data/information content resulting from the task?	Yes	Semua data/informasi yang dibutuhkan tertulis di DFD dan dapat tercapai
Are the operational security requirements specified? (list of NFR)	NA	
Is the reliability of the system/software specified, including the consequences of failure, vital information protected from failure, error detection, and recovery? (list NFR)	NA	
Are internal interfaces, such as module software defined?	NA	
Are external interfaces, such as users (e.g., people), software, and hardware defined?	Yes	Semua kecuali IDE tertulis dan dapat tercapai
2. Unambiguous — A Requirements Specification is unambiguous if, and only if, every requirement stated therein has only one interpretation.		
a. Are the technical requirements specified clearly enough for implementation and still be understood?	Yes	Semua kebutuhan jelas

Criteria	Yes / No / NA	Note
b. Are functional requirements separated from non-functional requirement?	Yes	Kebutuhan non-fungsional tidak tersedia
c. Are requirements specified in a concise manner that avoids the likelihood of multiple interpretations?	No	Berdasarkan diagram DFD, pengguna mencari lokasi menggunakan kamera. Spesifikasi pengguna hanya menyebutkan jika pengguna dapat berinteraksi dengan form, bukan kamera. Namun rincian DFD tidak menyebutkan spesifikasi pada pencarian lokasi.
d. Are Bussiness Requirement specified from real user's problem?	Yes	Membantu turis mencari sentra batik
e. Do all the requirements avoid conflicts with other requirements?	Yes	Semua kebutuhan tidak berkontradiksi
3. Complete — A Requirements Specification is complete if, and only if, it includes the following elements: • All significant requirements, whether relating to functionality, performance, design constraints, attributes, or external interfaces. • Definitions of the responses of the system/software to all realizable classes of input data in all realizable classes of situations. • Descriptive labels for and references to all figures, tables, and diagrams in the Requirements Specification and definition of all terms and units of measure.		
a. Are all the inputs to the system/software specified, including their source, accuracy, range of values, and frequency?	No	Tidak terdapat table atau diagram accuracy, range of values, dan frequency
b. Are all the outputs from the system/software specified, including their destination, accuracy, and range of values, frequency, and format?	No	Tidak terdapat table atau diagram accuracy, range of values, frequency, dan format (diagram ERD tidak lengkap)
c. Are all the communication interfaces specified, including handshaking, error checking, and communication protocols?	No	Tidak terdapat table atau diagram handshaking dan error checking
d. Has analysis been performed to identify missing requirements?	NA	
e. Are the areas of incompleteness specified when information is not available?	NA	
f. Are the requirements complete, such that if the product satisfied every requirement it would be acceptable?	No	Kebutuhan tidak/belum lengkap untuk diterima
g. Is it possible to implement each and every requirement?	Yes	Semua kebutuhan dapat tercapai
h. Is the maintainability of the system/software specified, including the ability to respond to changes in the operating environment, interfaces, accuracy, performance, and additional predicted capabilities?	NA	

Criteria	Yes / No / NA	Note
i. Have requirements for communication among system/software components been specified?	Yes	Semua kebutuhan protocol tertera
j. Have overall function and behavior of the system/software been defined?	Yes	Software dapat menyimpan dan mengirim data
k. Have appropriate constraints, assumptions, and dependencies been explicitly and unambiguously stated?	NA	
l. Has the required technology infrastructure for the system/software been adequately specified?	Yes	Terdapat diagram arsitektur perangkat Tresno Batik
m. Has the scope of the system/software been bounded?	Yes	Di lingkup masalah
n. Are all figures, tables, and diagrams labeled in a descriptive manner?	Yes	Semua dilabelkan. Kecuali diagram ERD
o. Are all figures, tables, and diagrams referenced within the document?	Yes	Kecuali Junaio (web augmented reality) pada diagram DFD
p. Are all terms and units of measure defined appropriately?	Yes	Semua didefinisikan, kecuali units of measure
4. Consistent — Consistency refers to internal consistency. If a Requirements Specification does not agree with other organizational and project documentation, then it is not correct.		
a. Do the requirements avoid specifying the design?	No	Setiap kebutuhan membentuk desain masing - masing
b. Are the requirements specified at a consistent level of detail?	Yes	Rincian kebutuhan tidak terlalu detail
c. Should any requirements be specified in more detail? In less detail?	Yes	Lebih detail : - Antarmuka Pengguna, siapa yang perlu mengisi form? - Fungsi Produk, dimana pengguna memasukkan data? - ERD, entitas siapa saja, data apa saja, formatnya apa, jumlahnya berapa?
d. Are the specifications consistent in notation, terminology, and level of functionality? Are any required algorithms mutually compatible?	Yes	Tidak ada perubahan kebutuhan
e. Are the requirements consistent with the content of other organizational and project documentation?	NA	
f. Does each requirement address a single topic, element or value?	NA	

Criteria	Yes / No / NA	Note
5. Ranked for importance and/or stability - A Requirements Specification is ranked for importance and/or stability if each requirement in it has an identifier to indicate either the importance or stability of that particular requirement. Examples of requirements rank classifications include essential, conditional, or optional. Stability may be specified in terms of the number of expected changes to the requirement.		
a. Do requirements have an associated identifier to indicate either the importance or stability of that particular requirement?	NA	
b. Do conflicts exist regarding the importance and/or stability ranking of the requirements?	NA	
6. Verifiable — A Requirements Specification is verifiable if, and only if, every requirement stated therein is verifiable. A requirement is verifiable if, and only if, there exists some finite, cost-effective process with which a person or machine can check that the system/software meets the requirement.		
a. Are the requirements written in a language and vocabulary the stakeholders understand? Not software / computer jargon	Yes	Bahasa program belum tertera
b. Is each requirement testable? Will it be possible for independent testing to determine whether each requirement has been satisfied?	NA	
7. Modifiable — A Requirements Specification is modifiable if, and only if, its structure and style are such that any changes to the requirements can be made easily, completely, and consistently while retaining the structure and style.		
a. Are requirements uniquely identified?	Yes	Setiap kebutuhan disebut hanya sekali. Kebutuhan terinci pada DFD berbeda setiap levelnya
b. Have redundant requirements been consolidated?	NA	Tidak ada kebutuhan yang perlu dikurangi
c. Has each requirement been specified separately, avoiding compound requirements?	Yes	Setiap kebutuhan yang berkorelasi tergabung, dan sebaliknya
8. Traceable — A Requirements Specification is traceable if the origin of each of its requirements is clear and if it facilitates the referencing of each requirement in future development or enhancement documentation.		
a. Can each requirement be traced to its origin or source, such as a scope statement, change request, or legislation?	No	Tidak ada traceability table
b. Is each requirement identified such that it facilitates referencing of each requirement in future development and enhancement efforts?	NA	
c. Has each requirement been cross-referenced to requirements in previous project documents that relate?	No	Tidak ada dokumen terkait
d. Does each requirement can be traceable to its backward or forward requirement artifacts?	No	