

# Requirements Verification Checklist

For Assessment of:	
Project Name	WisataKita
Document Name	SRS WisataKita
Date	3 Mei 2023
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Criteria	Yes / No / NA	Note
<b>1. Correct</b> — 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 environment		
Is each requirement relevant to the problem and its solution?	Yes	Requirement yang diajukan relevant terhadap problem dan solusi
Is the definition of success included?	No	Tidak ada definisi of success
Is the expected response time, from the user's point of view, specified for all necessary operations?	No	Pada SRS response time yang ditentukan hanya pada saat verifikasi data tiket di QR Code
Are other timing considerations specified, such as processing time, data transfer, and throughput?	No	Tidak ada pertimbangan waktu lainnya
Are all the tasks to be performed by the system/software specified?	Yes	Dijelaskan pada deskripsi Use Case
Does each task specify the data/information content used in the task and the data/information content resulting from the task?	Yes	Setiap tugas menentukan konten data/informasi yang digunakan
Are the operational security requirements specified? (list of NFR)	Yes	Dijelaskan pada tabel non-functional requirement
Is the reliability of the system/software specified, including the consequences of failure, vital information protected from failure, error detection, and recovery? (list NFR)	No	Tidak ditentukan

Criteria	Yes / No / NA	Note
Are internal interfaces, such as module software <b>defined?</b>	No	Untuk internal interface tidak dijelaskan dalam SRS, tetapi untuk external interface dijelaskan
Are external interfaces, such as users (e.g., people), software, and hardware defined?	Yes	Dijelaskan secara lengkap Requirement Antarmuka Eksternal
<b>2. Unambiguous</b> — A Requirements Specification is unambiguous if, and only if, every requirement stated therein has only one interpretation.		
a. Are the technical requirements specified <b>clearly</b> enough for implementation and still be understood?	Yes	Requirement yang ditentukan sudah cukup jelas dan dapat dipahami.
b. Are functional requirements separated from non-functional requirement?	No	Tidak dijelaskan functional requirement hanya ada non-functional requirement.
c. Are requirements specified in a concise manner that avoids the likelihood of multiple interpretations?	Yes	Didalam SRS requirement ditentukan secara ringkas
d. Are Bussiness Requirement specified from real user's problem?	Yes	Pada SRS dijelaskan bahwa business requirement berasal dari real user's problem yaitu kesulitan informasi mengenai tujuan wisata.
e. Do all the requirements avoid conflicts with other requirements?	Yes	Pada requirement SRS tidak dapat adanya kalimat ataupun pernyataan yang bertolak belakang satu sama lain.
<b>3. Complete</b> — A Requirements Specification is complete if, and only if, it includes the following elements: <ul style="list-style-type: none"> <li>• All significant requirements, whether relating to functionality, performance, design constraints, attributes, or external interfaces.</li> <li>• Definitions of the responses of the system/software to all realizable classes of input data in all realizable classes of situations.</li> <li>• Descriptive labels for and references to all figures, tables, and diagrams in the Requirements Specification and definition of all terms and units of measure.</li> </ul>		

Criteria	Yes / No / NA	Note
a. Are all the inputs to the system/software specified, including their source, accuracy, range of values, and frequency?	Yes	Dijelaskan pada deskripsi Analysis Model
b. Are all the outputs from the system/software specified, including their destination, accuracy, and range of values, frequency, and format?	Yes	Dijelaskan pada deskripsi Analysis Model
c. Are all the communication interfaces specified, including handshaking, error checking, and communication protocols?	No	Tidak menggunakan komunikasi interface
d. Has analysis been performed to identify missing requirements?	Yes	Sudah dilakukan pemeriksaan oleh dosen yang bersangkutan dan telah dilakukan revisi sesuai yang diminta oleh dosen.
e. Are the areas of incompleteness specified when information is not available?	No	Tidak dijelaskan didalam dokumen
f. Are the requirements complete, such that if the product satisfied every requirement it would be acceptable?	Yes	Dijelaskan pada SRS seluruh requirement
g. Is it possible to implement each and every requirement?	Yes	Bisa karena masih mungkin membuat dan implementasi fitur dan requirementnya
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?	No	Untuk maintainability tidak dijelaskan pada SRS
i. Have requirements for communication among system/software components been specified?	Yes	Dijelaskan pada SRS bagian Overall Description
j. Have overall function and behavior of the system/software been defined?	Yes	Dijelaskan pada SRS bagian 2.2
k. Have appropriate constraints, assumptions, and dependencies been explicitly and unambiguously stated?	No	Tidak dijelaskan pada dokumen SRS
l. Has the required technology infrastructure for the system/software been adequately specified?	Yes	Dijelaskan pada dokumen SRS bagian 3.2 mengenai perangkat keras
m. Has the scope of the system/software been bounded?	Yes	Terdapat batasan pada cakupan produk yang dibuat
n. Are all figures, tables, and diagrams labeled in a descriptive manner?	No	Gambar, tabel, dan diagram tidak dilabeli secara deskriptif
o. Are all figures, tables, and diagrams referenced within the document?	No	Tidak diberi label

Criteria	Yes / No / NA	Note
p. Are all terms and units of measure defined appropriately?	Yes	Semua istilah di jelaskan dalam SRS
<b>4. Consistent</b> — 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	Tidak ada persyaratan dalam men design sebuah requirement nya
b. Are the requirements specified at a consistent level of detail?	No	Tidak menjelaskan c
c. Should any requirements be specified in more detail? In less detail?		
d. Are the specifications consistent in notation, terminology, and level of functionality? Are any required algorithms mutually compatible?	NA	Pada SRS tersebut tidak memakai algoritma apapun
e. Are the requirements consistent with the content of other organizational and project documentation?	NA	Pada SRS tidak ada dijelaskan adanya keterlibatan dengan organisasi lain
f. Does each requirement address a single topic, element or value?	Yes	Semua berhubungan dengan satu topik
<b>5. Ranked for importance and/or stability</b> - 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?	No	Tidak terdapat kode/ID pada setiap requirement
b. Do conflicts exist regarding the importance and/or stability ranking of the requirements?	No	Tidak ada konflik yang terjadi antar requirement
<b>6. Verifiable</b> — 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	Pada SRS menggunakan bahasa Indonesia yang baku.

Criteria	Yes / No / NA	Note
b. Is each requirement testable? Will it be possible for independent testing to determine whether each requirement has been satisfied?	No	Pada dokumen SRS itu tidak ada, maka akan berdampak pada developer kebingungan untuk menentukan yang mana bagian yang harus dirancang secara proposional agar memenuhi syarat
<b>7. Modifiable</b> — 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	Requirements sudah dijelaskan sejelas dan sebaik mungkin namun disetiap persyaratan tidak diberi kode atau id
b. Have redundant requirements been consolidated?	Yes	Karena sudah dilakukan implementasi maka mungkin saja ada beberapa requirement yang tidak digunakan
c. Has each requirement been specified separately, avoiding compound requirements?	Yes	Setiap requirements ditentukan secara terpisah
<b>8. Traceable</b> — 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	Pada dokumen SRS tidak ada requirement yang bisa ditrace ke source awal
b. Is each requirement identified such that it facilitates referencing of each requirement in future development and enhancement efforts?	No	Tidak, tidak semua persyaratan memiliki pengenalan unit
c. Has each requirement been cross-referenced to requirements in previous project documents that relate?	No	Untuk requirements tidak memiliki cross-referenced.

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d. Does each requirement can be traceable to its backward or forward requirement artifacts?	No	Tidak semua persyaratan dalam SRS untuk WisataKita dapat ditelusuri ke artefak persyaratan sebelumnya