Web Programming Activity 1

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# Software Requirements Specification Documentation

The purpose of software requirements specification documentation (SRS document) is to ensure that the requirements of a project are accurately defined. This allows the scope to be generated and cements the functional and non-functional aspects of the project. Quality SRS documents will also outline how the software will interact with external actors, including hardware and additional software. (Krüger, 2018)

# Functional Requirements

Functional requirements are typically described as what the project should perform or do when it runs. They could be but are not limited to specific functions that a program must perform, processes that the project must complete, data that the project will provide, security processes (user authentication, account management etc.) and system features.

# Non-Functional Requirements

Non-functional requirements are requirements related to the behaviour of the system or project. These requirements are not intended to have a specific function or action within the software, and are instead governing standards that the system or software must adhere to in order to function correctly. These can be but are not limited to performance standards, scalability, reliability, capacity, serviceability etc. (Eriksson, 2012)

# References

Eriksson, U. (2012, 04 05). *Functional vs Non Functional Requirements*. Retrieved from ReQtest: https://reqtest.com/requirements-blog/functional-vs-non-functional-requirements/

Krüger, N. (2018, 10 23). *How to Write a Software Requirements Specification (SRS Document)*. Retrieved from PERFORCE: https://www.perforce.com/blog/alm/how-write-software-requirements-specification-srs-document