Software Requirements Specification 29.11.2022

Team: TuDu

Quality attribute	Refinement	Quality attribute scenarios						Business value	Technical risk
		source	stimulus	artifact	environemt	response	response measure		
Availability	No downtime	Server	Server unresponsive	Process	Normal operation	Restablish connection	No downtime	H	M
Interoperability	Query a users task-items via a second non human source (such as automated quering for syncing with an other Todo-Application).	Non-human system requests data via the API with the corresponding credentials.	Request user-information.	API/Database	The request-system is discovered at runtime. A known system at compile time would be a trusted system by the responder.	One of the following: - access denied response because of faulty request or wrong user data - transmission of the requested data	Logging of request-system information.	L	H
Modifiability									
Performance	Fast responses	Server	high traffic	Process	Normal operation	loading bar	response time / ping	L	L
Security	Resisting attacks	Foreign hacker	sql injection	database	Normal operation	Notify affected user and system manager	Restore data from backups, increase security measures	M	H
Testability									
Usability	Easy navigation, simple structure and fast response.	User	Interaction with user interface (frontend)	Frontend	Normal operation	Display the wished information	API response and potential logging of user action	H	L