

Quality Attributes

ID	Quality Attribute	Scenario	Associated Use Case
QA-1	Performance	Performance data should be collected on the return rate of queries. The rate of query should not exceed 1 second.	All
QA-2	Usability	An optional survey should be provided to users to measure UI/UX satisfaction and to provide feedback.	All
QA-3	Usability	A new user can configure their account and be operating in less than 1 hour.	All
QA-3	Availability	A failure occurs in the management system during normal operations. The management system should resume operations within 30 seconds.	All
QA-4	Security	User authentication ensures 99.999% of unauthorized login attempts are detected and prevented.	UC-6
QA-5	Modifiability	A new parameter such as discounts is introduced to the database as part of an update. The new parameter is added successfully without any changes to core components of the system.	UC-1, UC-2