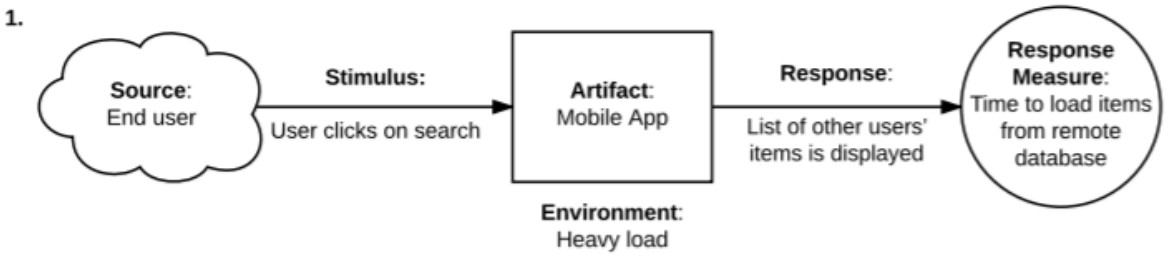
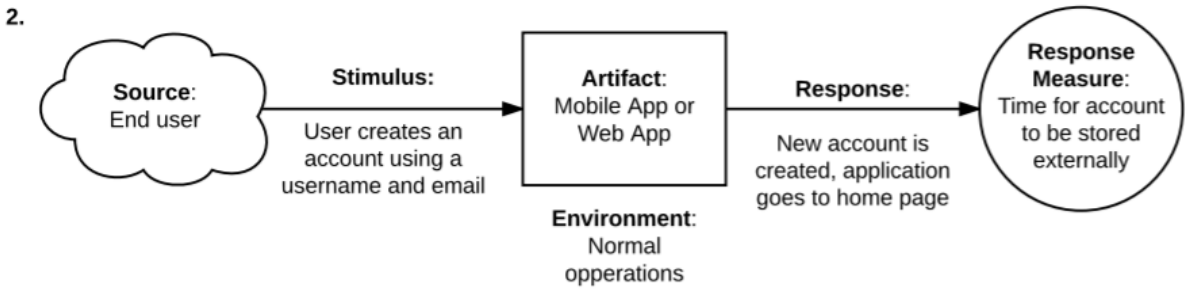
Concrete Quality Attribute Scenarios

1.



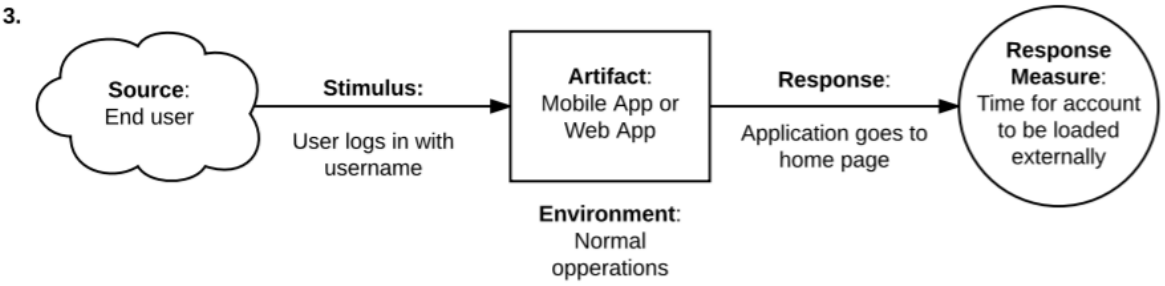
On this scenario we can see a single **risk.** System may not comply with the ASR requirement of less than one second. During test, the time of response varied from 2 to 5 seconds.

2.



In this scenario we see another **risk** related to security. Because system doesn't require password for login. Only username or email.

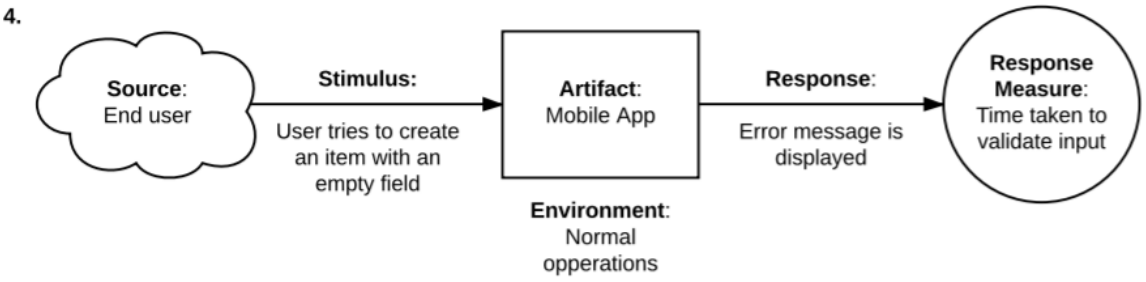
3.



This third scenario is demonstrating a **tradeoff** between performance and security. Because if the user logs into the system just with the username. In this case the tradeoff was related to security/privacy, allowing any one login in with any username or just register a user name with any e-mail presents us the

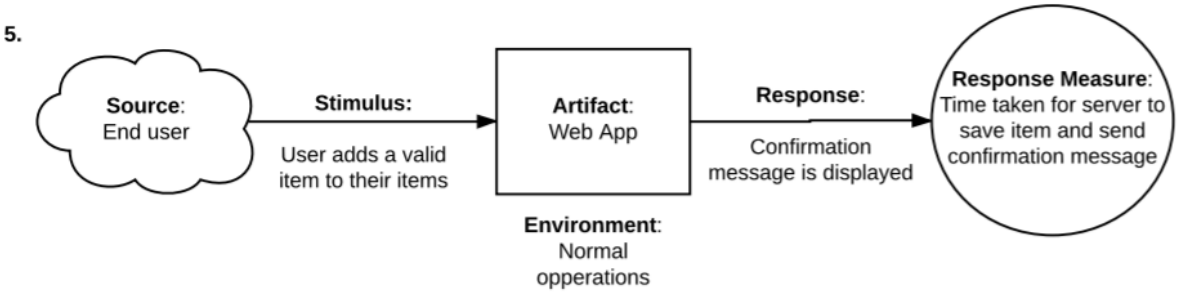
tradeoff.

4.



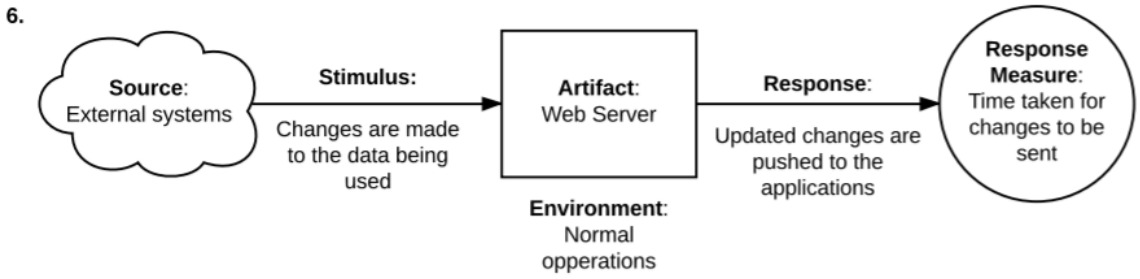
This scenario is an example of **Non-risk**, due to the flow of the user attempt to create a nameless item triggers an error message warning the user about the problem

5.

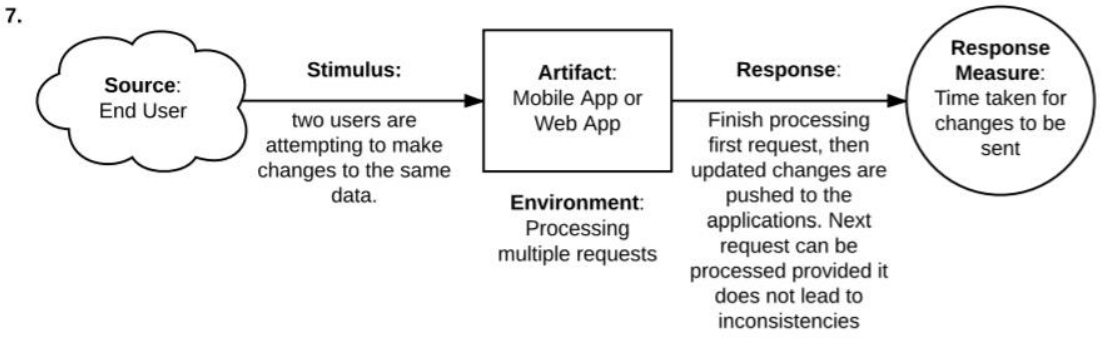


It is also **non-risk** scenario, as the operation performed by the user has ended successfully and the system response was under the expected time.

6.



This scenario presents a **sensivity point**, the sync of data – the user may be using stale data. Invert the push strategy to pull on the data sync can minimize the problem



It's a **non risk**, the system treats multiple attempts by locking the resourse and executing a single operation at a given time., this leads to fault tolerance.

Task2