

## Analyzing Quality Attribute Scenario

1. This scenario presents a **Performance Risk**. The system may not adhere to ASR requirements of less than one second to complete a task due heavy load environment.
2. This scenario presents a **Security Risk**. The system does not ask for password to create login account and requires only username and email.
3. The third scenario represents a **Tradeoff**. The user logs into the system just using username demonstrates the **Usability** of the app but presents a threat to **Security** and **Privacy** of the user.
4. This scenario is an example of **Non-Risk**. As the user tries to create an item with an empty field triggers a error and displays the error message to the user.
5. This scenario is an example of **Non-Risk**. As the user performs a valid operation in the app gets a confirmation message displayed.
6. This scenario presents a **Sensitivity Point**. As some external source is making changes in data that is currently being used. The changes made by the user as well as the external source should be both pushed in to the application. The data synchronization plays an important role here.
7. This scenario represents a **Non-Risk**. As the system handles the changes being made by the two users at same time using **Semaphore**, which gives controlled access to shared data.