```
                                    ┌──────────┐
                                    │ Utility  │
                                    └────┬─────┘
          ┌──────────────────┬──────────┴──────────┬─────────────────────────────┐
          ▼                  ▼                      ▼                             ▼
┌──────────────┐    ┌──────────────┐       ┌──────────────┐              ┌──────────────┐    ┌──────────────┐
│Quality       │    │ Performance  │       │   Security   │              │Interoperability│            │ Availability │
│attribute     │    └──────┬───────┘       └──────┬───────┘              └──────┬───────┘              └──────┬───────┘
└──────────────┘           │                      │                             │                             │
                           ▼              ┌───────┴────────┐          ┌──────────┼──────────────┐             ▼
┌──────────────┐    ┌──────────────┐      ▼                ▼          ▼          ▼              ▼      ┌──────────────┐
│Attribute     │    │   Latency    │ ┌────────────┐ ┌────────────┐ ┌──────────┐┌────────────┐┌──────────────┐│  Downtime    │
│refinement    │    └──────┬───────┘ │Authentific-│ │Authorization│ │Shared    ││Accessibility││Data          ││              │
└──────────────┘           │         │ation       │ └─────┬──────┘ │storage   │└─────┬──────┘│consistency   │└──────┬───────┘
                           │         └─────┬──────┘       │        └────┬─────┘      │        └──────┬───────┘       │
                           ▼               ▼       ┌───────┴──────┐     ▼       ┌─────┴─────┐        │              ▼
```

	Performance	Security		Interoperability			Availability

Quality attribute: Performance | Security | Interoperability | Availability

Attribute refinement: Latency | Authentification | Authorization | Shared storage | Accessibility | Data consistency | Downtime

Architecturally Specific Requirement:

- It take less than 1 second to complete any given task. (M)
- A user must create or have an account to use the app. (H)
- A user can only edit items they own. (H)
- A user cannot place a bid on their own items. (M)
- User data must be in shared storage. (H)
- Users can access their data from the Sharing Mobile App (H)
- Users can access their data from the Sharing Web App (H)
- User will access up to date data (H) from the Sharing Mobile App (H)
- User will access up to date data (H) from the Sharing Web App (H)
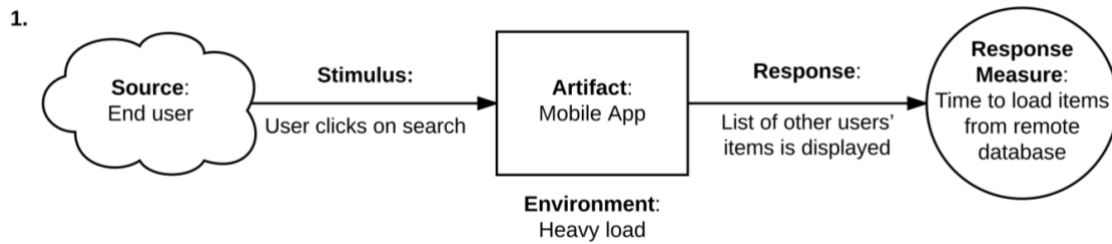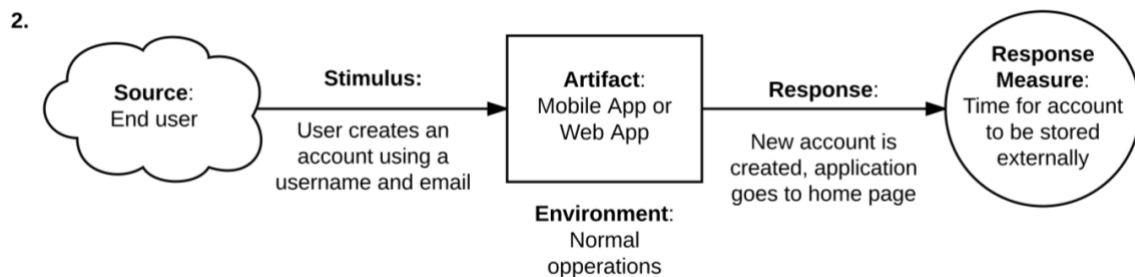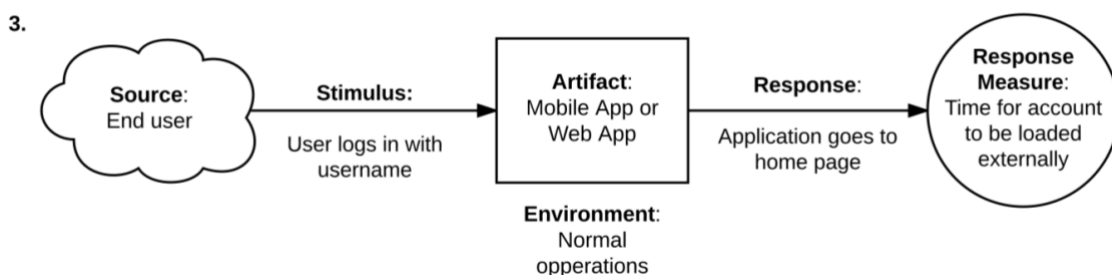- The app operations are still available on heavy load
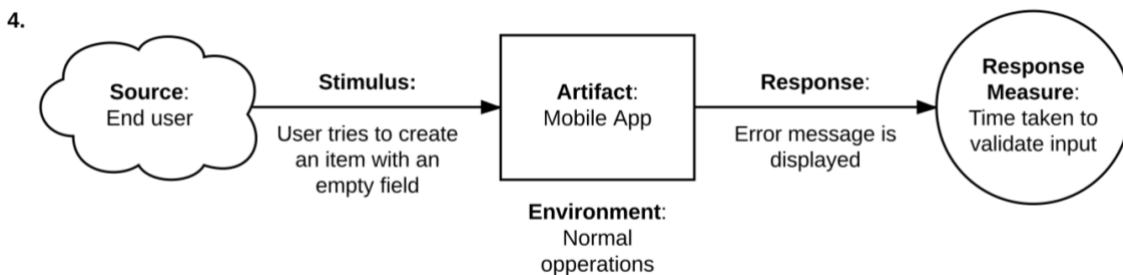
Quality attribute scenarios :

1.

It is a **Sensitivity point** to the ASR : it takes less than 1 second to complete any given task. Because displaying list of all other users on heavy load environment can obviously take more than 1 second.
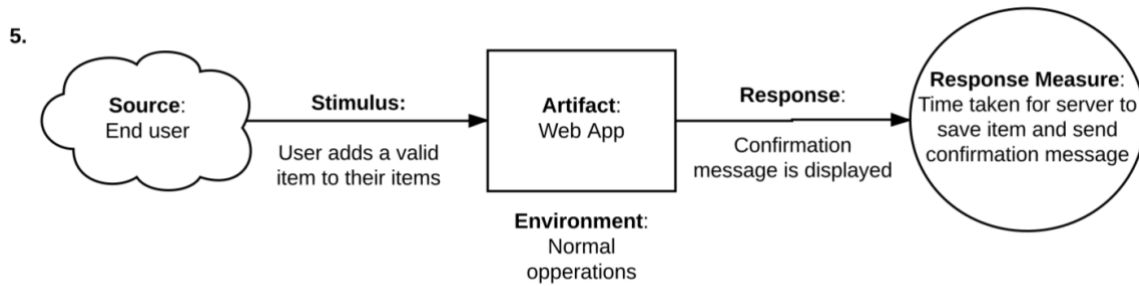
2.

Sensitivity point to the ASR : it takes less than 1 second to complete any given task. The account storage can take more time than expected due for example to bad internet connection.
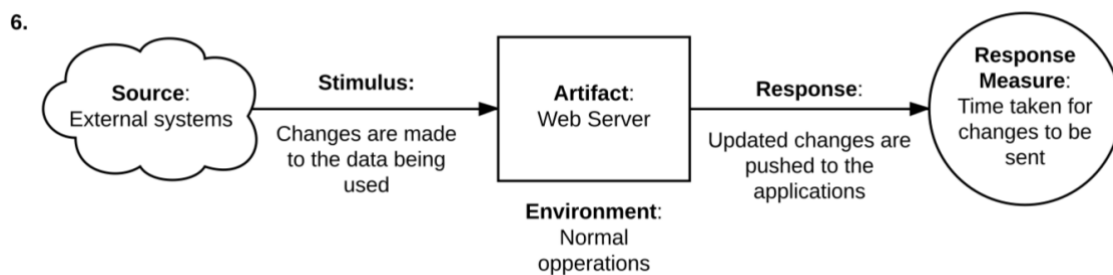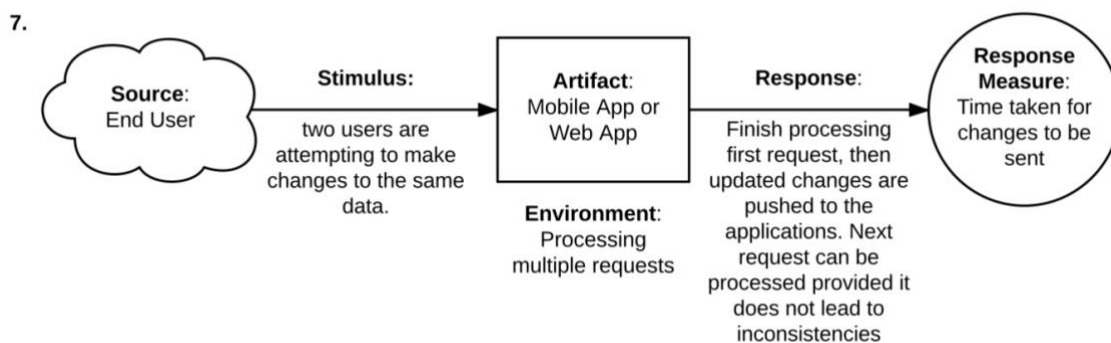
3.

Sensitivity point to the ASR : it takes less than 1 second to complete any given task. The account load can take more time than expected due for example to bad internet connection.

4.

Non-risk. It is on an normal operations environment and relatively simple attribute, so won't interfere with any ASR.

5.

Sensitivity point to the ASR : it takes less than 1 second to complete any given task. Item can take time to be saved and the confirmation message as well to reach the end user due for example to bad internet connection.

6.

Non Risk. It doesn't impact any of the ASRs. The user will still be able to access his data.

7.

Tradeoff. Because here the consistency is prioritized it can lead to some latency overhead with all the checking resulting.