

**1. Identify 3 QAs for each system.**

- a. Enterprise inventory system: Security, Availability, Usability
- b. Smart Phone map app: Performance, Availability, Usability
- c. Video game: Modifiability, Performance, Usability
- d. Social network site: Performance, Modifiability, Usability

**2. Most importance QA for each system and describe using scenario.**

**a. Enterprise Inventory Control: Security**

Source : Staff

Stimulus : Tries to login to the account

Environment : Under normal operations

Artifact : System services and data within system

Response : Successful login

Response Measure : Within 3 seconds

**b. Smart Phone Map App: Performance**

Source : User

Stimulus : Start a new journey

Environment : Under normal operations

Artifact : System services and data within system

Response : Process transaction to generate route for a new destination

Response Measure : Within 3 seconds

**c. Video Game: Performance**

Source : Player

Stimulus : Start the game

Environment : Under normal operations

Artifact : System services and data within system

Response : Game is initiated

Response Measure : Within 5 seconds

**d. Social Network Site: Modifiability**

Source : Developer

Stimulus : Wishes to change the UI

Environment : Design time

Artifact : Code

Response : Change made and unit tested

Response Measure : in three hours