Name: Siti Hajar Binti Shamsulkamal
Matric Number: 207620

Exercise Chapter 2

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

   Enterprise inventory system: Availability, usability, security.

   Smart Phone Map App: Availability, usability, performance.

   Video game: Performance, usability, modifiability.

   Social network site: Performance, usability, modifiability.

2. **Most important QA for each system and describe using scenarios.**

   a. Enterprise Inventory Control: Security

   Source : Management Staff

   Stimulus : tires to log in account

   Environment : Under normal operations

   Artifact : System

   Response : Account is being logged in

   Response Measure : Within 5 seconds

   b. Smart Phone Map App: Performance

   Source : Users

   Stimulus : start a new route

   Environment : Under normal operations

   Artifact : System

   Response : Transaction to generate route are processed

   Response Measure : With an average latency of 2 seconds

   c. Video Game: Performance

   Source : Players

   Stimulus : initiate the game

   Environment : Under normal operations

   Artifact : System

   Response : Game are initiated

Response Measure : With average latency of 5 seconds

d. Social Network Site: Modifiability

Source : Developer

Stimulus : wishes to add new features

Environment : build time

Artifact : source code

Response : Account is being logged in

Response Measure : in less than 14 days