Logo

Description automatically generated with medium confidence

**SOFTWARE ARCHITECTURE – SSE4350**

CHAPTER 2

SOFEA EZZATY BINTI MOHD KHUSRI

207084

1. Identify 3 Quality Attributes for each system.

a. Enterprise inventory system : Availability, usability, Security

b. Smart Phone map app : Availability, performance, usability

c. Video game : performance, usability, modifiability

d. Social network site : modifiability, performance, usability

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

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