

Assignment I

Suppose following needs were expressed by a focus group:

"As a hobbyist photographer, I would like to tag or caption my smartphone pictures effectively so that I am able to search them conveniently".

"Additionally, as a professional travel blogger, I would also like to upload select pictures to my travel blog (web) site where visitors are also able to search pictures based on categories that would be obvious/relevant to other travelers".

Q1. [2 marks] Derive a set a user stories from these problem statements. Include the associated acceptance tests for each user story. Your marks will be based on the viability of the acceptance tests.

Q2. [2 marks] Capture the functionality as a UML Use Case Diagram. Your marks will be based on how effectively you use the possible relationships among actors and use cases in the use case diagrams.

Solution:

User Story 1

As a <photographer> I want to <capture pictures using my smartphone that are automatically timestamped, geotagged and given a globally unique ID> so that <I can view them later and reminisce>

User Story 2

As a <photographer> I would like to <assign a caption for any captured picture> so that <I can search them by specifying keywords>

User Story 3

As a <photographer> I would like to <search pictures based on time, location and/or keywords> so that <I can view pictures from my collection that I am interested in>

User Story 4

As a <blogger> I <want pictures to be uploaded to twitter> so that <it reaches larger audience>

