

ICT284 Systems Analysis and Design

Assignment 1 Feedback (S1 2020)

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1. Stakeholders and Requirements

(a) List the stakeholders for the proposed Official-Eze system, and in each case explain what their interest in the system is. 6/6

-No requirement to identify Internal/External/Operational/Executive

(b) List and briefly describe the functional requirements for the Official-Eze system as identified in the description. 8/8

(c) Using the FURPS+ categories, identify and briefly describe several non-functional requirements for Official-Eze. Address all of the categories (URPS+): if you consider that any of them are irrelevant, explain why. 6/6

TOTAL 20/20

2. Use case modelling: user goal technique

(a) Present your list in a table giving the use case name and an informative brief description. 10/15

-Some of these are quite generic and not specifically related to a swimmer's smartwatch

(b) Draw a use case diagram representing the same information. 2/5

-Title?

-Legend?

-Actor should be a stick-figure

TOTAL 12/20

3. Use case modelling – event decomposition technique

Use the event decomposition technique to carry out use case modelling for the Safe Crawlers Artificial Caving System (SCACS)

-Some of these are a little low-level

-Some state events will also involve Actors

TOTAL 11/20

4. Domain modelling

Draw a UML domain model class diagram for the system

-Legend?

-Generalisation/Specialisation Hierarchy could be a little neater

-Why is Dog not linked to Booking?

-DogLover?

-Not sure whether BookingReview should be a Domain Class here

TOTAL

12/20

GRAND TOTAL

55/80

%

68.75
