Developing Quality Software

Coursework 2 Design & Project Management

TEAM: 4 (6 team members) Mark 74.5

**Task 1 Detailed Use Case description**

**15/20**

Basic flow achieves an observable result Excellent Good Adequate Poor

Consistent style, use of template Excellent Good Adequate Poor

Actor interaction & exchanged info clear: Excellent Good Adequate Poor

Flow of events start/finish clear & appropriate Excellent Good Adequate Poor

Alternative flow, clear & appropriate Excellent Good Adequate Poor

Pre- and post- conditions clearly described Excellent Good Adequate Poor

Use Cases are user-focused: All Most Some Few/None

**Additional Comments**

**Although the steps through the use case are clear, some of then would have been better split into two. For example ‘continue to next question’ , Would have been better split into gain immediate feedback and continue to next question.**

**When writing the alternative flows make sure you only refer to those specific to the use case. Incorrect pasword is not an appropriate alternaive flow because your pre condition already states that the password was correct.**

**Task 2**

Clear and concise class names: Excellent Good Adequate Poor

Appropriate attributes for classes: Excellent Good Adequate Poor

Appropriate operations/methods for classes: Excellent Good Adequate Poor

Sufficiently support the major requirements Excellent Good Adequate Poor

in Use Cases.

Clarity and correctness of relationships Excellent Good Adequate Poor

**37.5**

**Additional Comments**

* Please do not use spaces in class names or operations and attribute names.
* In your Setup class, there seems to be a mix-up between operations and attributes. You should provide boxes for both, even if there are no attributes (it should be an empty box then).
* You should use the aggregation relationship only where it logically makes sense. Why is “Engagement Team” an aggregation of Statistics and Setup?
* Try to avoid merging relationships, as is the case for the relationship between Quiz and Question and Setup.
* You seem to be using an undefined relationship between Engagement Team and Quiz. The solid arrow is not defined in UML.

**Task 3: Project plan / Gantt Chart**

**8/15**

Gantt Chart Not Done

Breakdown of the project into appropriate activities

Excellent Good Adequate Poor

Appropriate allocation of Team members to activities

Excellent Good Adequate Poor

All milestones, deadlines for deliverables, have been included in the Gantt Chart

The majority of milestones, deadlines for deliverables, have been included in the Gantt Chart

Some milestones, deadlines for deliverables, have been included in the Gantt Chart

Very few, if any, milestones, deadlines for deliverables, have been included in the Gantt Chart

**Additional comments**

The Gantt Chart project plan should be for the entire project, including the implementation. You have only provided a plan for the elements already done. For what you have provided the project has been spit up into appropriate activities. Your scale of days makes it challenging to read across multiple sheets, in future consuder what scale to use. You have all the relevant milestones for the part of the project you have included, plus some additional ones. Ideally the additional milestones could have been labelled a little clearer.

# Task 4: Risk Analysis / Planning

**14/15**

**Excellent 15 - 12**

Risks identified are all highly relevant

strategies to minimize disruption are extremely appropriate

Good 12– 8

Most risks identified are relevant

strategies to minimize disruption are appropriate but coud be more detailed

Adequate 8 - 6

Some risks identified are relevant

respective strategies proposed to minimize disruption are appropriate

strategies to minimize disruption are limited detail

Poor 6-0

Few risks identified are relevant

Few strategies proposed to minimize disruption are appropriate.