

# ICT284 Systems Analysis and Design

## Assignment 2 Feedback (S1 2020)

**Student Name:** Jin Cherng Chong

**Student Number:** 33170193

### Q1. Stakeholders

List the main **stakeholders** for the Weddings Parties Everything system (WPE).

5/5

- Customer's interest description could be better
- Edison's interest description could be better
- Caterer's interest description could be better

### Q2. Requirements Analysis

(a) List and briefly describe the main **functional requirements** for the WPE.

- Some of these are a little low-level for requirements (e.g. "Assign the "verified" label to caterers"/ "Keep track of the number of credits each caterer has"/ "Notify the caterers when they run out of credit"/ "Keep track of whether each caterer quotes were accepted or rejected by the customers") – these are more Use Cases

(b) List and briefly describe the main **nonfunctional requirements** for the WPE.

- Would like some kind of definition of Usability/Security

10/10

### Q3. Use Cases

(a) Use the **User Goal technique** to develop a list of **use cases** for the WPE.

- Some of these are a little too low-level to be Use Cases (e.g. "Search caterer's profile"/ "View caterer feedback"/ "Sign-in to account")
- "Advertise On-Time Guarantee"/ "Reimburse customer" is out of scope
- "Complete job" – I am not sure if this was mentioned in the narrative

(b) Use the **Event Decomposition technique** to identify any **additional use cases** for the WPE.

12/20

Q4. Create a **domain model class diagram** for the WPE, including all classes, attributes, associations, and multiplicity.

-Title?

-Legend?

-Why is parent/child written on some of the Associations instead of Multiplicities?

-Why is FeedbackReport a Class?

-Why is QuoteReport a Class?

-Why is CreditReport a Class?

- One Feedback belongs to many Jobs?
- I would have linked Feedback to Customer (instead of Caterer)

10/20

Q5. Create a **CRUD matrix** to check the consistency between your domain model class diagram and your **complete** list of use cases.

- This is a little messy
- Why is a Customer Created when they accept/reject a Job Quote?

8/10

Q6. Create a fully-developed use case description for the use case *Find caterer*.

- This is not consistent with the Use Case defined in 3

6/10

Q7. Draw an **activity diagram** to represent the flow of activities for the use case *Print credit payments report*.

- This use case should show Edison generating/printing the Credit Payments report
- Title?
- No 'Start point'?
- This is not consistent with the description of the Use Case in 3.
- I was looking for the steps taken to generate the report using loops etc.
- This should return 'control' to the Actor in the final steps – as they would read the report

2/10

Q8. Draw a system sequence diagram for the use case *Provide feedback*.

- Title?
- Not sure why PostingFeedback is so different to CreatingFeedback or EnteringFeedback
- Not sure how consistent this is with the Use Case description in 3.

6/10

Q9. Draw a **state machine diagram** to show the possible states and transitions for a **Catering Job** object.

- Title?
- Missing a couple of these: Requested, Quoted, Accepted, ~~Completed~~, ~~Reviewed~~, ~~Cancelled~~, ~~Closed~~

8/10

Q10. Develop a **user acceptance test plan** for a customer of the WPE system.

- These should only be the Use Cases involving the Customer
- I don't think these are consistently named with 3.
- Test Conditions need to be objective instructions to test the Use Case/s
- Expected Outcomes need to be visible changes (e.g. changes to the data etc.)

4/10

## GENERAL

2/5

-Q5 CRUD Matrix is a little messy

---

**GRAND TOTAL**

**73/120**

**%**

**60.83**

---