**Dental Clinic Services System**

**Summary of the Progress one Presentation**

**Questions and Answers**

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**Summary of the Progress one Presentation**

**Questions and Answers**

1. **In use case diagram the ‘edit’ use case and ‘delete’ use case are included in the ‘create’ use case all the time. Does it mean that every ‘edit’ and ‘delete’ task is preceded by ‘create’ all the time?**

- In order for the officer to be able to edit or delete an account or an appointment, that information needs to be available in the database first. However, ‘create’ does not need to be done right before ‘edit’ or ‘delete’ is performed (i.e. time interval between two tasks can be considerably long). Therefore, the ‘edit’ and ‘delete’ use cases may not need to be included in the ‘create’ use case. The change has been made accordingly in DCSS-SRS-ver1.1

1. **What is that price information for?**

- The description column is used to show the other details besides treatment case, for example, treatment price. The price information should help patients estimate how much money they will need to bring to pay for the treatments.

1. **Does the software handle all possible (both successful and erroneous) cases of making appointments properly?**

- After submitting the Progress 1 deliverables, we found some problems in the source code that some methods have errors. We think we need to improve our unit tests to test methods more thoroughly and are planning to add more test cases for the Progress 1 implementation in Progress 2.

1. **What if there are more than one dentist in the clinic. Would the system handle appointments for several dentists?**

- Yes, the system can handle appointments for more than one dentist. More than one appointment can be made for the same time slot as long as the appointment is for different dentistID and patientID. Because one clinic may have more than one dentist, two or more dentists can see patients simultaneously. In the appointment schedule, it is not allowed for the same patientID to have appointments for more than one dentistID at the same time/date. Only one patient can see only one dentist at a given time.

1. **How is the officer table related to other tables in the database design?**

- The officer table just stores the officer’s information. So, this table is not associated with the patient, dentist, and appointment tables.

1. **Can any visitor view appointment information? Do they need to login to the system to see the schedule?**

- Visitors do not need to enter their password to see the schedule because the appointment page allows every user to enter the page. All appointments are displayed on the Google calendar to help clinic users make a decision for making a new appointment.

1. **It is more desirable that the system should generate PatientIDs and DentistIDs automatically.**

- In Progress 2, we will change our implementation to auto-generate PatientIDs and DentistIDs. We believe auto-generation should be better because sometimes the officer cannot remember what ID numbers already exist in the database.

1. **AD-10 shows that your system has a validation mechanism. Has it been fully implemented?**

- The system uses an Html method in the source code for validation. For example, if some fields which require values (i.e. user input) are left blank, an error message will be displayed. We use this command call “required”.

1. **Diagrams in the documents need to be created using UML software, e.g. Visual Diagram.**

- We will create diagrams using a UML tool and submitted an updated version in Progress 2.