SC/CZ/CE2002 Object-Oriented Design & Programming

Assignment FAQ

Dr. Li Fang
Senior Lecturer, CCDS

Q: May I kindly ask if there are any platforms for real-time collaboration in creating a UML diagram for the group project such as in google docs for example? To my knowledge, VP works in that changes must be individually committed to reflect them.

Ans: Yes. You can use VP online for real-time collaboration

- Student can use VP Online as their cloud base team collaboration repository.
- Please reference to the article below about how to setup the cloud repository.
- They'll need first to install the VP UML onto their laptop/PC with the license first.

- https://knowhow.visual-paradigm.com/vp-online/

Q: From our understanding, both test cases are used after the Patient sees the Doctor. Our implementation for Test Case 10 seems to completely overlap with Test Case 15.

Test Case 10: Update Patient Medical Records
- Doctor adds a new diagnosis and treatment plan to a patient's medical record.
- Verify that the medical record is updated successfully, reflecting the new information.
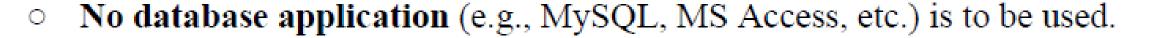
Test Case 15: Record Appointment Outcome
- Doctor records the outcome of a completed appointment.
- Verify that the appointment outcome is recorded, and relevant updates are visible to the patient under "View Past Appointment Outcome Records".

Ans: These are two different scenarios. The doctor can update the record without requiring an appointment.

Q: I noticed that the assignment PDF specifies, "No database application (e.g., MySQL, MS Access, etc.) is to be used." I would like to clarify whether storing and reading data from Excel files (.xlsx) or text files (.txt) is allowed for the SC2002 Health Management System (HMS) assignment.

Ans: Yes. storing and reading data from Excel files (.xlsx) or text files (.txt) are allowed.

- **No database application** (e.g., MySQL, MS Access, etc.) is to be used.

- **No JSON or XML** formats are to be used.

Q: **Do we need to strictly follow the order, properties and names of the data columns in the supplied .xlsx files or can we introduce new data columns in our own implementation?**

Ans: You can include new data columns in your own implementation.

Q: **Are we allowed to change the excel file format from .xlsx to .csv? This is because it is easier to retrieve and write data to .csv files. The project PDF only mentioned no JSON/XML format allowed.**

Ans: You are allowed to change the excel file format from .xlsx to .csv.

Q:

Is Hospital ID the same as staff ID and patient ID? Or do we need to create a running number for Hospital ID?

Ans: Hospital ID is the same as staff ID and patient ID.

Q: Are we allowed to use design patterns such as Singletons in our solution?

Ans: Yes. You can use design patterns.

Q: Can we import any external libraries to aid our solution, or are there any specific restrictions on this?

Ans: It depends on which library you want to import. The libraries for data management are not allowed.

Q: . I currently have 3 members in my project group as we are unable to find another member for our group. May I ask whether a 3-membered group is allowed and if it is, whether we will be graded more leniently as we have less members?

Ans: If your TA has made their best effort but was unable to recruit more members, we will take into consideration that your group has fewer members while assessing.

Group Assignment 40%
Deadline: **<u>Friday of Week 14 November 22 2024</u>**

- Group Assignment code, class diagram, and report submission deadline: One day before your scheduled oral with your TA

- Group Assignment oral presentation deadline
  - Via Physical/Online meeting
  - Arrange Group Assignment oral presentation date and time earlier with your TA
  - Every student must take turn to present

Deadline:
Friday of Week 14 November 22 2024

PEER EVALUATION

Importance of Peer Evaluation

Keeping the Team on Track

Expecting Quality

Interacting with Teammates

Peer Evaluation

Contributing to the Team's Work

Having Relevant KSAs