

# SC/CZ/CE2002 Object-Oriented Design & Programming

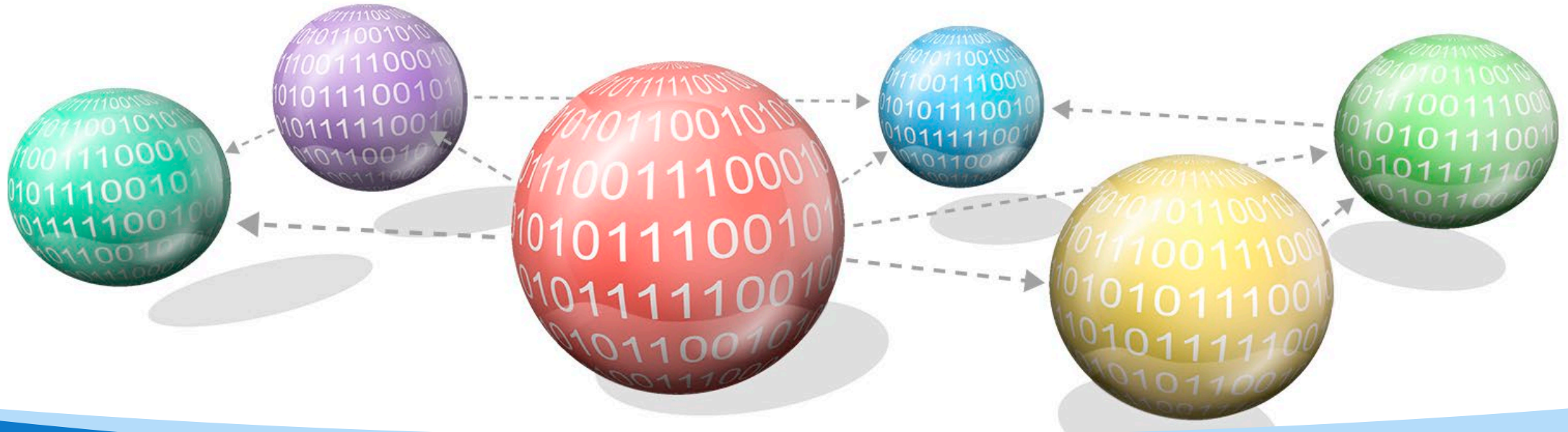
## Assignment FAQ

**Dr. Li Fang**

Senior Lecturer, School of Computer Science and Engineering



**NANYANG  
TECHNOLOGICAL  
UNIVERSITY**  
**SINGAPORE**

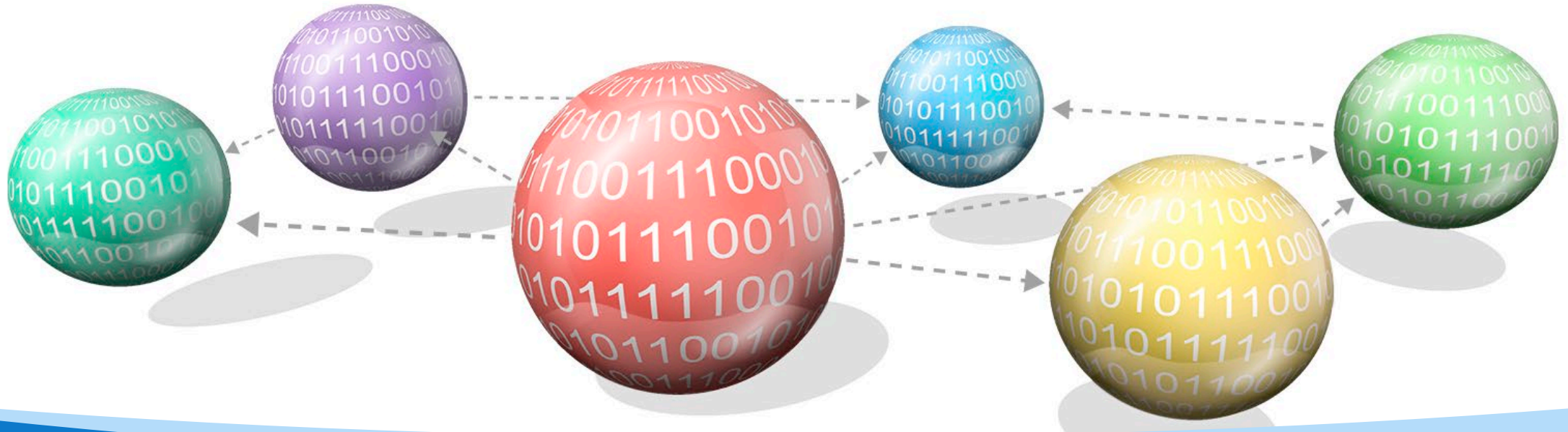


# General



Q: For the assignment are we allowed to include additional functionality on our application? Are we allowed to use java command line libraries to make the beautify the interface?

Ans: Yes, you can do that.



# UML diagram



Q: Since we have a large UML diagram, can we do a few sub-diagrams instead of a whole one??

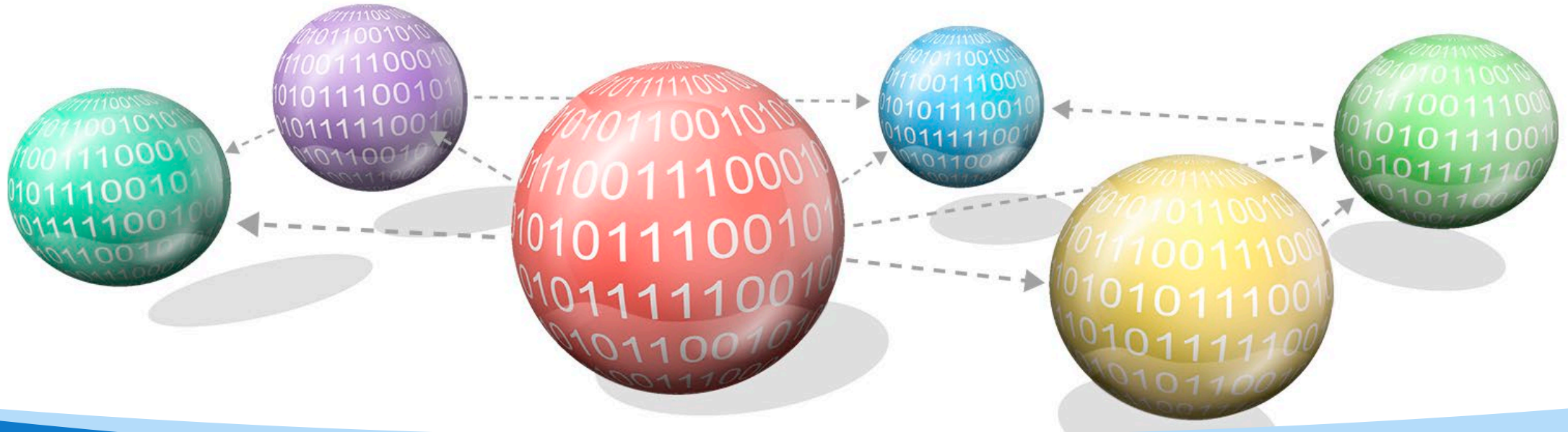
Ans: Sure. You can.



**Q: Should the application class be included in our UML diagram?**

**Ans: No need**





# Login/out



Q: Should we add logout functionality too so that in one execution of the program different kinds of users can be demoed??

Ans: Can.





Q: On the user login page, will the faculty information be expected from the user, or can we just take it from the database?

Ans: Read from database.



Q: At the firstmost login page, should the user be asked whether he/she is student/staff/camp coordinator as in NTU STARS? Or we glean everything from databases and show landing menu page accordingly? We just have the username and password fields in login page??

Ans: It is up to you. There are different approaches. Please be noted that the system needs verify if we allow the user to choose category.



**Q: Should there be a limit on number of login attempts/wrong password? If so, how many?**

Ans: This is considered additional feature beyond the basic requirement. You can define it by yourself.



**Q: Should passwords be hashed while storing?**

**Ans: No need. But you can have it as an additional feature.**



**Q: When a user changes his/her password while using the system (not when prompted by system upon initial onboarding but the user changes password by self choice by choosing a menu option), then will the user be made to re-login?**

**Or relogin is only when the user changes password from default one upon initialmost login?**

**?**

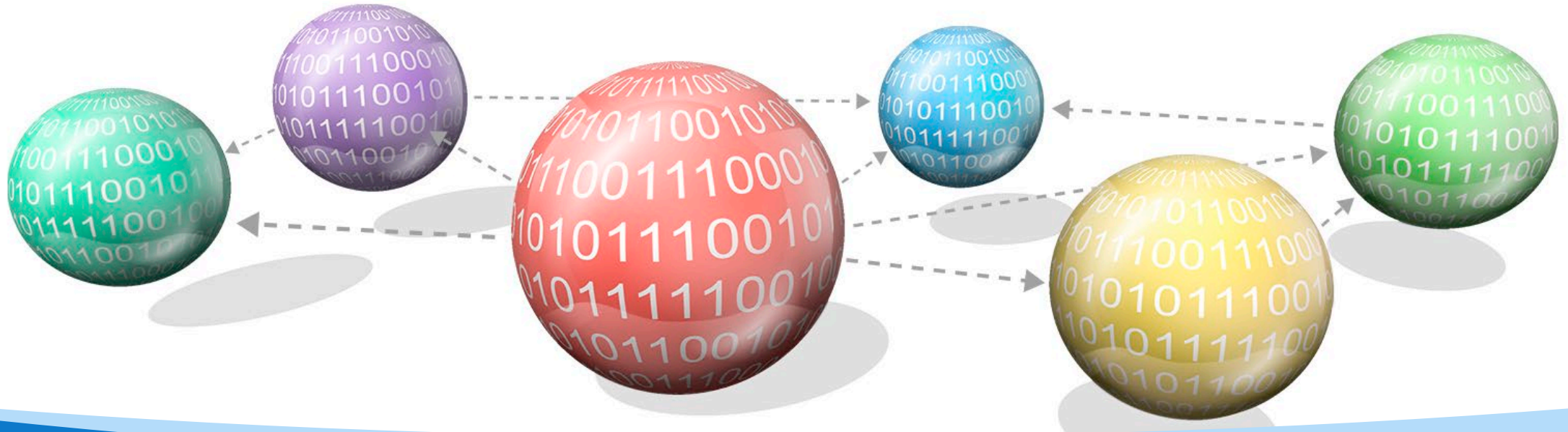
**Ans: It is up to you.**

**The user can either continue using the system for current session or be forced to relogin.**



**Q: Are we expected to implement real time data persistence for two users using the application concurrently? Or during the demo, it suffices to show one user logout before another user can login and start using the portal with the data persisted from the previous run of the previous user??**

**Ans: No need to bother multiple users using system concurrently. During the demo, it suffices to show one user logout before another user can login and start using the portal with the data persisted from the previous run of the previous user..**



# File





Q: Should we write and edit in the excel sheet? Or are the data all cleared once we exit the CAMS system?

Ans: You can either use excel or .txt file. You can store all data back to files.



Q: Can we introduce new data files like camplist.xlsx and passwordlist.xlsx for persisting data created in one run of the program across other runs?

Ans: Yes. You can....



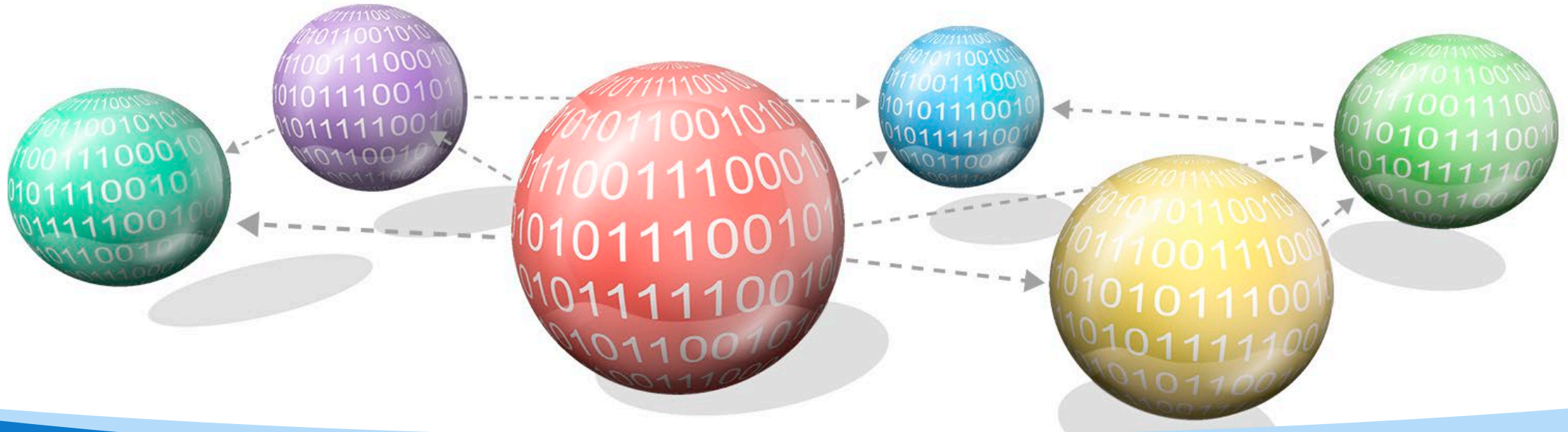
Q: Then may I know if we have to load in the updated excel files everytime a new user logs into the system? Or are we allowed to implement it by loading the file only once when the system starts but still generate the updates on the existing excel files?

Ans: It is up to you as long as you can demonstrate all the features required.



Q: A user list is initialized through a file uploaded into the system at initialisation. Does this mean that users cannot be created or deleted?

Ans: In this project, the system is a closed system. The user management is not part of the scope. If you would like to implement it, it is considered part of additional feature.



# Staff



Q: Can more than one faculty be allowed into a camp (but not the whole school)?

Ans: To make things simpler, no...



Q: Can staff view all camps that does not have visibility turned on as well??

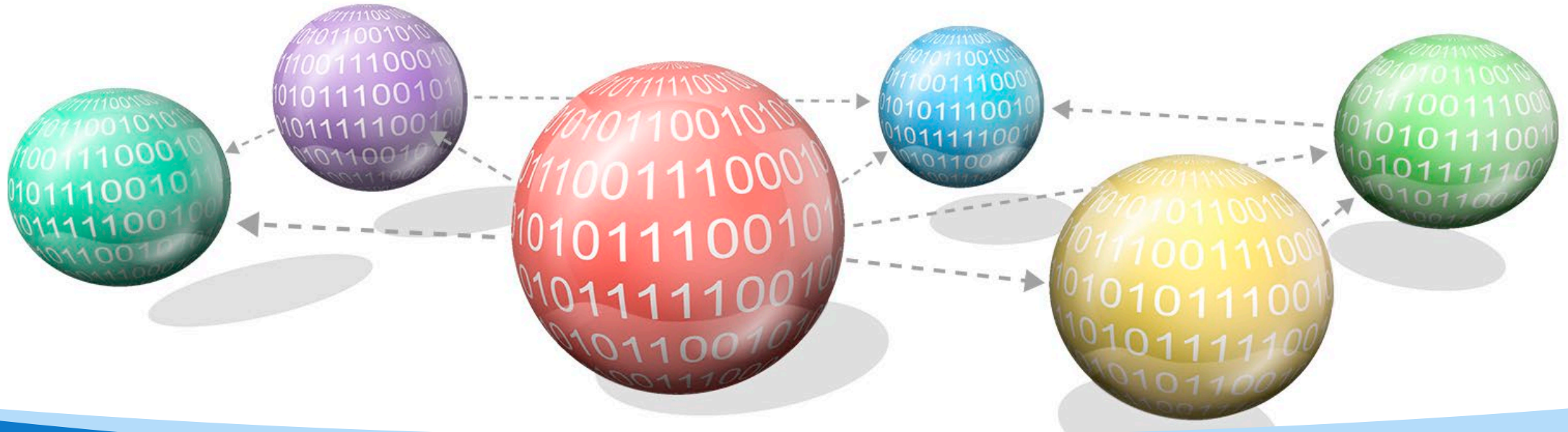
Ans: Can.. A staff can view all camps.





Q: Are staff allowed to transfer their camps to another staff?

Ans: No staff are not allowed to transfer their camp to another staff. They can create, edit and delete the camp as required.



# Suggestion



Q: When a Suggestion is accepted, should the changes be triggered immediately? Or is it just namesake??

Ans: The change will not be triggered automatically. The staff still need go through edit process to edit the camp to really implement the change, but this step is not compulsory.



Q: When the staff views the pending suggestion of their camps, he/she can reject/approve those suggestions. Can staff see the suggestions to other staff within the same faculty?

Ans: No. A staff are only able to view and approve the suggestions of camps that he/she has created.



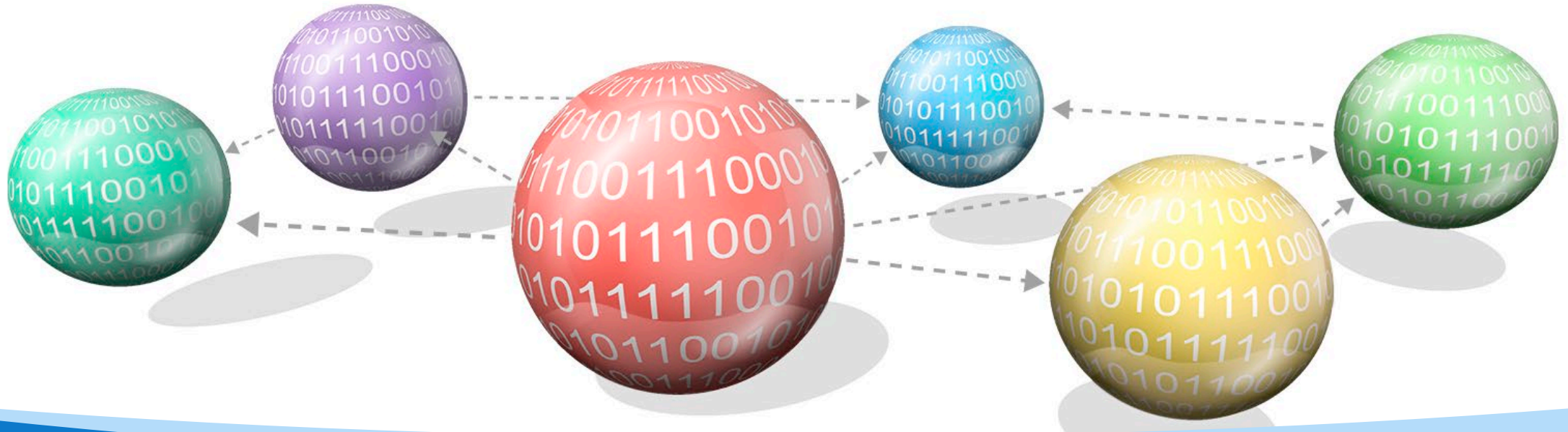
Q: Can a staff "reject" a suggestion?

Ans: Do not accept implies reject.



Q: For Suggestions, what are the details do we need to include? Are we supposed to only prompt for what changes to be made for the camp detail fields? Or is there any specific format we have to follow for adding suggestions to a camp??

Ans: Any suggestion will do. Demonstrate the feature only...



# Enquiry





Q: For Enquiries, are there any other specific details we need to include besides: title, description, date, and status? Once the enquiry has been answered, can the enquiry only be deleted if it's deleted by the user himself?

Ans: No specific requirement of enquiry content, a simple string for demonstration will do.

Cannot be deleted once the enquiry has been answered. It will be stored..



Q: Student can submit enquiries reg any camp? Or only ones they enrolled in alr?

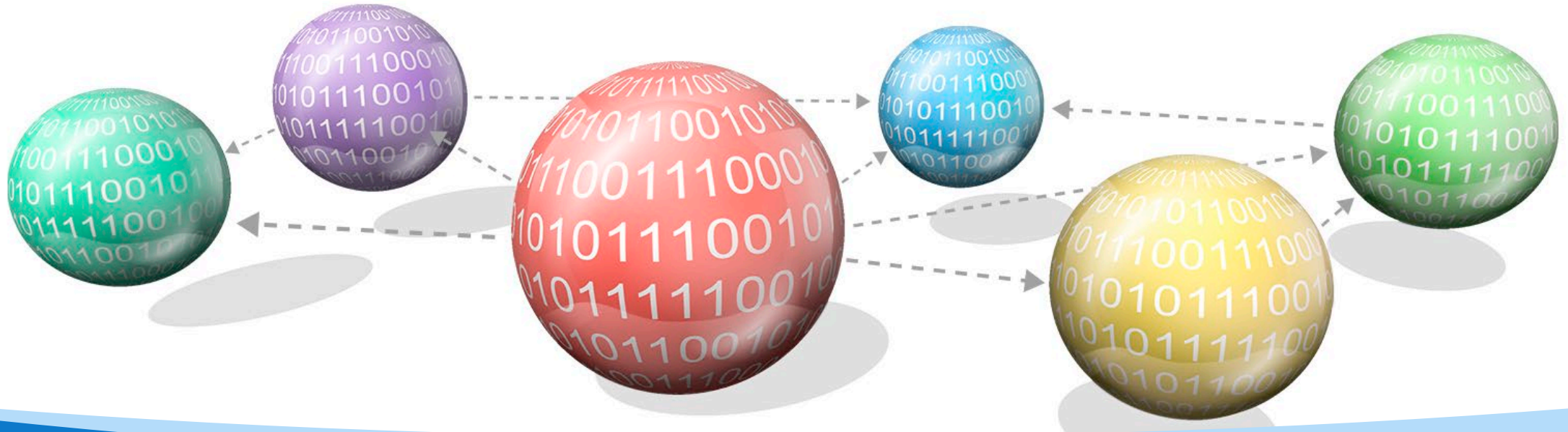
Ans: A student can submit enquiries to any camp he/she can see.



Q: Under Staff section "A staff can view and reply to enquiries from students to the camp(s) his/her has created. "

When a staff/committee member reply to an enquiry from a student, will that reply be seen by all the committee members and staff of that camp or only the attendee and that specific person that replied can see that message?

Ans: Yes. That reply can be seen by all the committee members and staff of that camp, besides the student who sent inquiry.



# Camp Com



Q: , In page 4, point 4, it says that "A camp committee member can generate a report of the list of students attending each camp that they have created."

However, the requirements stated that only "Staff" are able to create camps and not "CampCommitteMember". Could you please provide clarification regarding this matter?

Ans: Sorry, that is a mistake, on Page 4, point 4 should be...  
"they oversee"



Q: Does the answer to an enquiry by a Committee member need to be approved by a staff first before it is considered resolved?

Ans: No need.



Q: Can a camp committee be in charge of more than 2 camps?

Ans: No. A student is only able to be in the camp committee for one camp but can attend multiple camps.





Q: If say there are 50 vacancies in a camp in all, and 10 are Camp Committee..so rest 40 are Attendee..if all 40 get filled up, but Camp Committee still has 8 slots left..then will a Attendee be able to occupy those slots, i.e resulting in 41 Attendees+ 2 Committee members and 7 slots left in Committee? Or are Attendee slots and Committee slots totally exclusive and disjoint?

Ans: Totally exclusive and disjoint..



Q: If the visibility of a camp that a camp committee is in is turned off, will they still be able to view the camp information?

Ans: A camp cannot be turned off or deleted once there are student/ camp committee registered.



Q: Are committee members of the camp allowed to send enquiries for a specific camp and to their own camp as well??

Ans: No. Assume committee members know the information of their own camps.



Q: For Camp Participants, Is there a ratio for the number of participants to the number of camp committee members? If not, can the camp still be created for 9 camp committee members and for 1 attendee attending only if there are only 10 slots? Or alternatively, are there any minimum number of participants we need to set for the camp??

Ans: To make things simpler, No such constraint. But you can add in as additional feature....



Q: Regarding the points the committee member gets, are these points the committee member get tied to the camp? Or are the points tied to the committee member? (i.e points gathered are for one camp instead of all camps)?

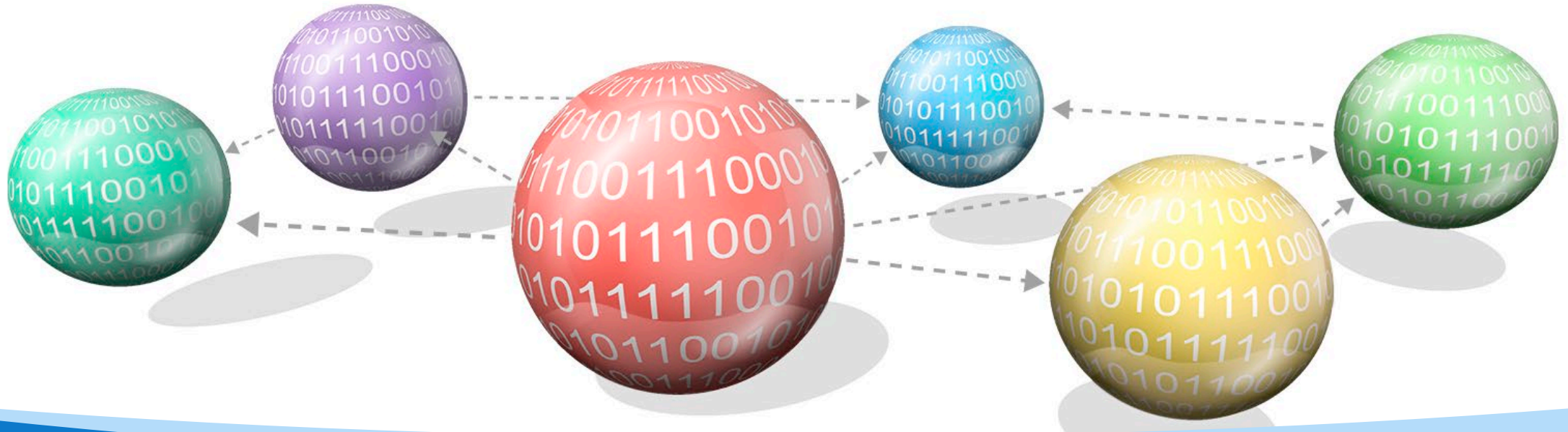
Ans: Tied to the committee member.



Q:

Camp committee member : A camp committee member can view the details of the camp that he/she has registered for. Is there a difference between what a student and camp committee member can view in terms of details of the camp?  
?

Ans: For camp information, no difference.



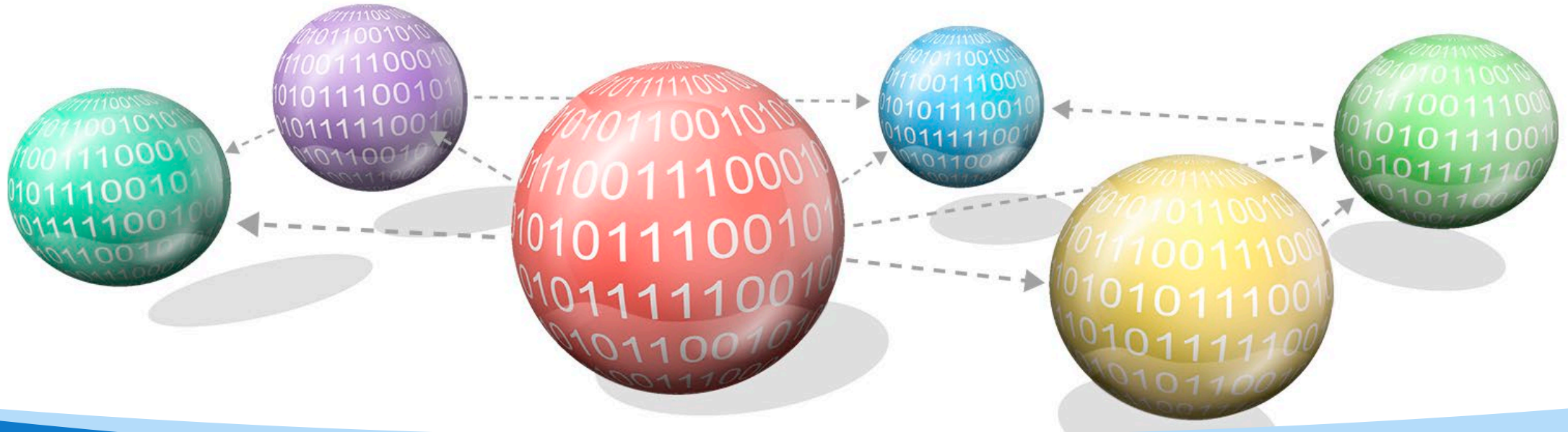
# Report



Q: Regarding the implementation details of both reports to be generated, is there a specific format for the report as for what needs to be printed?

Ans: No specific format...





# Camp



Q: Are the camp dates always a continuous duration??

Ans: To make things simpler, Yes..



**Q: May I acquire what "dates" mean under camp information? Does it mean more than 1 date, 1 date only or a start and end date?**

**Ans: A camp might last for a few days.**



**Q: Can 2 camps have the same names? So can we have a unique camp ID for every camp for differentiating?**

**Ans: To make things simpler, the camp names must be unique, which will be the camp ID as well.**



**Q: are students meant to see detailed information about the camps they might enrol in or are already registered for, or do they only have access to information about available slots?**

**Ans: The students can see detailed information about all the camps visible to him, i.e., open to NTU or open to his faculty, visibility is on, no matter he registered or not.**



Q: Is slot referring to total number of attendees allowed to join per date or total number of attendee regardless of dates? Simply put, must I care about the date in which the attendee sign up for the camp? Alternatively, as long as an attendee sign up for that camp, the total slots available for that camp is reduced by one, therefore I don't have ask the prospective attendee to select one of the dates from the dates field of camp.

Ans: As long as an attendee signs up for that camp, the total slots available for that camp is reduced by one, A camp is treated as a whole.



Q: Referencing the assignment guidelines for Generating reports “staff can generate a report of the list of students attending each camp that his/her has created. The list will include details of the camp as well as the roles of the participants. There should be filters for how the staff would want to generate the list. (attendee, camp committee, etc.) (generate in either txt or csv format).”

May I know what this ‘filters’ mean?

Is it similar to the “filters” in the context of viewing camps? “All users can use filters to view the camp list (date, location etc.) Assume that default is by alphabetical order.”?

Ans: “filter” means search filters. It is different from sorting sequence. After search filtering, you can use your own way to sort, basic requirement of our system is alphabetic sequence.

New





Q: May i check if my understanding is correct?

A staff can generate a report, if he chooses to filter by `CampName=='A'`, then only details for camp with campName A will be generated.

If he chooses to filter by `attendeeName=='Tom'`, output will only be generated for camps with Tom as an attendee.

Likewise, for Viewing of camps,

if a staff wants to view his own camps, he can choose to filter by `location=='Pioneer'` and only details of his camps that are in pioneer will be shown.

We do not need to implement 'sort by' functionality. We can just always print the order based on campName.

Is that correct?

Ans: Yes, your understanding is correct.



Q: whether there is a need to divide up all the functions within a single class/entity and make them into all separate, individual logic classes. OR would it still be fine to just have a bit larger chunks of logic classes handling multiple functions by itself?

Ans: No need to divide up all the functions within a single class/entity and make them into all separate, individual logic classes as long as you have a few sample classes to demonstrate your understanding of SOLID principles. Moreover, giant classes are not allowed.



Q: For the group project, is it ok to use Maven/Gradle dependencies? The requirements file says that no JSON or XML files may be used for data storage, but the Maven/Gradle frameworks only use XML/JSON files strictly for dependency management, and not to store data. We intend to store our data in the YAML format. Is this ok?

Ans: Only text, excel, csv files are allowed.



Q: Can “NTU” Faculty level have more than one camp or only one camp?

Ans: More than one.

Q: each staff can only have 1 camp as a constraint right?

Ans: Staff create camp is 1:1.

But can have more than one NTU level camps in whole system. E.g, staffA creates a NTU level camp. staffB creates another NTU level camp.



Q: Has the students been split into camp attendee and camp committee members or can they select and choose their own role as a student ?

Ans: A student can choose to be registered as attendee or camp committee member as long as there is vacancy.



Q: Can a staff remove a student from the camp list of participants or from list of camp committee members?

Ans: It is not required. But you can implement it as additional feature..

