Project Databases: Assignment 4

For this assignment, the administration of several relations will be implemented (drink orders, activity participants, activity supervisors, dormitory students).

Groups of two people create variants A and B.
Groups of three people create variants A, B and C.
Groups of four people create variants A, B, C and D.

Variant A: Process drink orders

Implement the processing of drink orders. It should be possible for the user to add drink orders.

- Add a menu item to access the ordering of drinks.
- Display a list of students and a list of drinks.
- Make it possible to add a drink order (selected student, selected drink, and a count).
- Let the user confirm the order before adding the order to the system.

Variant B: Manage activity supervisors

Implement the administration of activity supervisors. It should be possible for the user to add and remove activity supervisors (for a specific activity).

- In the list of activities, add a link to manage activity supervisors.
- Display the selected activity, a list of the lecturers who are supervisors for the selected activity, and a list of lecturers who are not supervisors for the selected activity.
- Make it possible to add and remove supervisors to/from the selected activity.

Variant C: Manage activity participants

Implement the administration of activity participants. It should be possible for the user to add and remove activity participants (for a specific activity).

- In the list of activities, add a link to manage activity participants.
- Display the selected activity, a list of students who are participating in the selected activity, and a list of students who are not participating in the activity.
- Make it possible to add and remove participants to/from the selected activity.

Variant D: Manage dormitory students

Implement the administration of dormitory students (adding and removing students from a dormitory).

- In the list of rooms, add a link (to each dormitory) to manage dormitory students.
- Display the selected dormitory, a list of students linked to this dormitory, and a list of students without a room.
- Make it possible to add and remove students to the selected dormitory.