

Concordia University
 Dept. of Computer Science & Software Engineering
 Comp 353 – Databases – Summer 2024
Main Project Evaluation

Group ID: _____

Section: _____

Date: _____

Time: _____

POD 1: _____

POD 2: _____

Project Evaluation:

Tasks	Max	POD 1	POD 2	Avg	
Conceptual DB Design (in E/R)	10				
E/R to Relations Conversion	5				
Normalization Process Details	5				
Sample Test Data	5				
Organization & Report	15				
Demo	5				
GUI Functionality	3				
GUI Clarity	1				
GUI Simplicity	1				
Implemented Functionalities	35				
Verify Connection to AITS server	5				
Random query (Q1-Q5)	5				
Q6 (Club member team formation assignment)	5				
Random query (Q7-Q18)	5				
Q19 (Trigger)	5				
Q20 (Integrity)	5				
Q21 (Generating Emails)	5				
Additional Features (Bonus)	1				
Total Group	80				Total Member/100
Member 1:	20				
Member 2:	20				
Member 3:	20				
Member 4:	20				
Member 5:	20				

The preliminary project report should be submitted before the project demo and should include the following:

- Team ID (assigned by AITS), or Group ID, Student ID and official name of every team member should clearly appear on the cover page of the report.
- A signed *originality* form.
- A section in the report with the title “CONTRIBUTIONS” in which it clearly describes the contributions of each team member to the project, that is, it describes who did what part of the project. It is expected that each member of the team has been responsible for and contributed to a fair part of the project. Please note that NOT every member of a team may get the same grade in the project, in particular when the participation and contribution by a member is “insufficient.”

Project report MUST contain:

1. Reasonable Assumptions made in the proposed database design or system.
2. E/R-Diagram (no UML diagram please).
3. E/R to Relation conversions and the functional dependencies of each relation, The primary key, and possible alternate keys.
4. Normalization (and possible decomposition) steps.
5. Functionalities implemented to satisfy the application requirements.
6. Trigger(s) used.
7. Possible additional features (if any) to complement the project description.

Guidelines for the demo:

Every member of each team MUST be present and participate during the project demo. Therefore, each member must be prepared to answer any question by the PODs during the demo regarding a part of the system for which a team member is responsible.

During the demo, each member may be asked to formulate some queries based on the requirements. Using these queries, the team member can demonstrate features, performance, and the (required or additional) functionalities of the application system. The demo MUST be done in the LABs using the PCs and running the MySQL managed by the faculty AITS. Please note that while the application can run on the team members' laptops, the PODs will evaluate and test the application by running it on a lab PC. PODs need to verify the proper connection to the IITS server.

Any additional feature(s) that might have been implemented which exceeds the requirements should be introduced and presented during the demo, for possible additional 1 point as bonus.