

You have completed two important checkpoints, your project idea and converting them into HTML pages. Congratulations! The next step is to design a database schema for your project. You are required to design a Database schema following the rubrics given below for your whole project. You can use mySQL or MSSQL or noSQL to design your schema.

Rubrics:

Criterion	Excellent (Full Credit)	Good (70% pts)
Database Design and Architecture 30 %	-Logically designed database that corresponds to the backend structure of the project. -Completely and accurately explained design usage and purpose.	-Exhibited a partial implementation of the design. -Some minor inaccuracy when explaining design usage and purpose.
Table Creation 20 %	- Created all of the tables defined in the project requirements. - Named tables appropriately in regard to their data elements.	-Created most of the tables defined in the project requirements. -Table name was a little unclear in regard to its data elements.
Normalization, Relations and Cardinalities 20 %	- Correctly interpreted and created all necessary relations with clear indication to the cardinalities and observing the three normalizations forms. -Primary and foreign Key fields are correctly referenced in each related table.	-Correctly interpreted most of the necessary relations to cardinalities and came up with at least two normalizations. -Minor incorrect references for primary and foreign keys.
Keys and Entities 20%	-Correctly choose all primary and foreign keys maintaining the naming convention.	-Correctly choose most of the primary and foreign keys respecting the naming convention.
Implementation/ Records 10%	-Accurately entered data elements (dummy data is accepted) into tables.	-Inaccurately entered some data.
Queries (Bonus) 10% [No partial point for this criteria]	-Perform some important on-demand queries.	-Queries are unable to produce the expected outputs.

Electing team leader:

As part of this checkpoint, each team is required to elect a team leader. Team leader will be responsible to arrange at least one meeting per week with his/her team on zoom/google meet/team. During the meeting, the team leader should divide the workloads among the team members and discuss the corresponding deliverables for

the next week. Additionally, the team leader is required to report the meeting time and minute (short description of the discussion) on the shared [sheet](#).

Deliverable:

1. Report: Please describe your Database schema design in one page, with additional pages for screenshots of your designed schema.
2. Database schema file(e.g. .sql file).

Please upload the database schema file to the canvas. Report should be uploaded as a separate PDF file.