# Database Course Project Final Submission

From the course project, two parts left, implementing an interface, and writing the final report.

* For the interface feel free to use any language you prefer. The easiest way is to use Java, since we had a lab early in the semester about it.

Your interface could be very simple, like a Java program that gets inputs from the user, convert the request to an SQL query and run it on your database, and print the results back to the screen.

* Your report should include the following sections:
* Title page
* Project description (the part you submitted early in the semester).
* ER diagram (The most recent one you have, feel free to update it if you think the one you submitted before wasn’t the best).
* RM diagram of your project ER.
* Screenshots of implementing the RM in Workbench.
* Sample data in your database.
* Queries that you run on your database, and describing what they do.
* Screenshots of interface of the project (as many as possible to show how your program works).
* Conclusion; anything interesting you did in the project, your suggestions for improvement as future work on the project.
* Form of who did what.

Fill the following table and add it to the last page of the report:

|  |  |  |
| --- | --- | --- |
| Team member name | Section(s) you implemented, wrote or designed. | Approximate hours you spent[[1]](#footnote-1) |
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* Optional: a video to demo the project.

If you think it is easier to demo your program via a video, you can use a software like Zoom to record your screen showing how your GUI program.

## The course project evaluation factors

* For database implementation section:

Number of tables, complexity of queries you run, constraints you applied, views (if you created any) and other concepts you learned during the semester.

* For GUI:

Ease of use and practicality of the GUI.

* For report:

The effort you put in the preparation of the report.

1. If you don’t have a clear idea of number of hours, just write your guess of hours you spent on the project. [↑](#footnote-ref-1)