

CPSC 304 Project Cover Page

Milestone #: 3

Date: March 10th, 2025

Group Number: 87

Name	Student Number	CS Alias (Userid)	Preferred E-mail Address
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By typing our names and student numbers in the above table, we certify that the work in the attached assignment was performed solely by those whose names and student IDs are included above. (In the case of Project Milestone 0, the main purpose of this page is for you to let us know your e-mail address, and then let us assign you to a TA for your project supervisor.)

In addition, we indicate that we are fully aware of the rules and consequences of plagiarism, as set forth by the Department of Computer Science and the University of British Columbia

Project Summary

The database can be used as a tool for linguistic researchers to record data collected in the field when encountering new words, phonemes, and dialects of various languages. Researchers will also be able to record information upon meeting speakers of different languages, including their country of origin and any other relevant personal information. Outside of the field, linguistics professionals can refer back to this database for data on languages and phonetics.

Timeline and Task Breakdown

Tasks

- Milestone 4
 - ☐ Queries 1-6
 - ☐ Queries 7-10
 - ☐ GUI
 - ☐ Sanitization
 - ☐ Error Handling
 - ☐ User-friendliness
 - ☐ User-friendly query results
 - ☐ User notification
 - ☐ Drop, Recreate, and Reload Tables
 - ☐ Sufficient user data

March 24th - 26th

- ☐ Query 1 - insert
 - ☐ Relations used: Dialect
 - ☐ Group member assigned to query: Karli
 - ☐ Group member assigned to GUI page: Karli
- ☐ Query 2 - update
 - ☐ Relations used: Dialect
 - ☐ Group member assigned to query: Mostafa
 - ☐ Group member assigned to GUI page: Arman
- ☐ Query 3 - delete
 - ☐ Relations used: Dialect
 - ☐ Group member assigned to query: Karli
 - ☐ Group member assigned to GUI page: Karli
- ☐ Query 4 - selection

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- ☐ Relations used: Phonemes
- ☐ Group member assigned to query: Mostafa
- ☐ Group member assigned to GUI page: Arman
- ☐ Query 5 - projection
 - ☐ Relations used: Language
 - ☐ Group member assigned to query: Mostafa
 - ☐ Group member assigned to GUI page: Arman

March 26th - 28th

- ☐ Query 6 - join
 - ☐ Relations used: Country -> Speaker + Dialect
 - ☐ Group member assigned to query: Arman
 - ☐ Group member assigned to GUI page: Mostafa
- ☐ Query 7 - aggregation with **GROUP BY**
 - ☐ Relations used: tbd
 - ☐ Group member assigned to query: Karli
 - ☐ Group member assigned to GUI page: Mostafa
- ☐ Query 8 - aggregation with **HAVING**
 - ☐ Relations used: tbd
 - ☐ Group member assigned to query: Karli
 - ☐ Group member assigned to GUI page: Mostafa
- ☐ Query 9 - Nested aggregation with **GROUP BY**
 - ☐ Relations used: tbd
 - ☐ Group member assigned to query: Arman
 - ☐ Group member assigned to GUI page: Mostafa
- ☐ Query 10 - Division
 - ☐ Relations used: tbd
 - ☐ Group member assigned to query: Arman
 - ☐ Group member assigned to GUI page: Mostafa

March 29th - 30th

- ☐ Sanitization
 - ☐ Group member assigned: Karli

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- ☐ Error Handling
 - ☐ Group member assigned: all

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- ☐ User notification
 - ☐ Group member assigned: Mostafa

March 29th - 30th

- ☐ User-friendliness
 - ☐ Group member assigned: Mostafa
- ☐ User-friendly query results
 - ☐ Group member assigned: all
- ☐ Drop, Recreate, and Reload Tables
 - ☐ Group member assigned: Arman
- ☐ Sufficient user data
 - ☐ Group member assigned: Arman