# CPSC 304 Project Cover Page

Milestone #:  3

Date: Mar 12 2023

Group Number: 65

| 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: Endanger DB.

**Project Summary**

The idea of this project is an application for an information reference database for individuals who encounter wildlife to check if a species of animal they may not be familiar with is endangered. The domain would be in biology / ecology as information about specific animals can be queried. The database will also provide contact information for potentially specific animal rescue organizations in the local area if an endangered species is injured so proper help and surveying can assist in preserving the animal population.

The domain aspect we are trying to model by this database should allow us to do several functions. The domains we will be modeling include: continents, country, organizations, animals, food, living environment, and threats.

CPSC304: Group 65 Milestone 3

Timeline:
Week March 12:
- Goals
  - Discuss GUI design
    - Everyone
  - Environment Setup
    - Everyone
  - Connection Handler
    - Tasks: Establish connection with undergrad server
      - Assigned: Frankey
  - SQL Script:
    - Task: Single SQL script for loading init data.
      - Assigned: Frankey
  - Create Models
    - Countries
    - Continent
    - Etc. and all other models.
      - Assigned: Frankey

Week March 19:
- Goals
  - Design accepted from above
    - Begin developing login screen
      - Assigned: Erin, Tianhong
    - Begin developing main UI interface
      - Assigned: Erin, Tianhong
    - Error handling
      - Assigned: Erin, Tianhong
    - User notification
      - Assigned: Erin, Tianhong
  - Implement Functionality in Connection Handler to form SQL queries
    - Tasks: INSERT, DELETE, UPDATE, Selection, Projection, Join, Aggregation with group by, Aggregation with having, Nested, Division
      - Assigned: Everyone
    - Drop, recreate, reload tables.
      - Assigned: Erin, Tianhong

Week March 26:
- Goals
  - Testing / Debugging
    - Assigned: Everyone

Week April 2:
- Goals

- ○ Review Project Requirements to ensure all necessary deliverables are met.
    - ■ Tasks:
        - ● Project description (compare initial description to the final version; add a copy of schema).
        - ● Screenshot of all query usages (include one picture of each: INSERT, DELETE, UPDATE, Selection, Projection, Join, Aggregation with group by, Aggregation with having, Nested, Division)
        - ● ReadMe file.
    - ■ Assigned: Everyone
- ○ PDF Submission
    - ■ Tasks:
        - ● Assigned: Everyone
- ○ April 4th -> Confirm with everyone project has been submitted
- ○ Deadline April 5th Project Submission