CPSC 304 Project Cover Page

Milestone #: 1

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Group Number: 65

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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

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Project: Endanger DB.

Project Overview
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.

Specifications
Queries:
- Find an organization in a region that can care for a given animal. Given animal, country, continent
- Find a list of endangered species, given country / continent and other search parameters.

Insertion:
- The ability to insert an organization into the database.
- The ability to add an endangered animal species into the database.
- The ability to delete threats, food and living environments.
- The ability to add threats to specific animals.

Deletions:
- The ability to remove any organization from the database.
    - Default on deletion.
- The ability to remove any animal species from the database.
- The ability to delete threats, food and living environments.

Updates:
- We should be able to update information about animal species, organizations, threats, food and living environment.

Platform
The platform our project uses is JDBC. Our expected application technology stack is to use Oracle as our database, use SQL plus as our database access language. For any front-end related programming, we will use HTML/CSS.

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