University of British Columbia, Vancouver
Department of Computer Science

CPSC 304 Project Cover Page

Milestone #: ___1____

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Group Number: _36___

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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

What is the domain of the application? What aspects of the domain are modeled by the database?

The application is meant to be a Pokemon game management lookup system. The database models Pokemon species as well as individual Pokemon. Each Pokemon species has one or two types, can learn certain moves (which also have their own types), can have certain abilities, may evolve into another species, and has one specific egg group. Each individual Pokemon knows up to 4 moves, has a certain ability, and is owned by a trainer as part of the trainer's Pokemon collection. A trainer can be a regular NPC trainer, or they can be either a player character or a gym leader. The database also models locations, where trainers, Pokemon species, and items are found in the game.

What functionality will the database provide?

The functionality that the database will provide is the ability to quickly check the relationships between different Pokemon, Items, Locations and Trainers. More specifically, the database will provide the user with the ability to check which Pokemon species evolves into which other species, which species and items can be found at each location, which moves can be learned by which Pokemon species, and which Pokemon each trainer has. This is a useful resource for somebody playing a Pokemon game because it gives them a fast way to plan their journey and strategy. It will allow them to quickly catch the Pokemon they want wherever these species are found and defeat regular trainers, other players, and gym leaders along the way.

What platform will the final project be on? What is your application technology stack?

The platform the final project will be on is the Oracle server provided by the department.

The application technology stack will be Java, PHP, Oracle for the relational database and Git version control.

ER Diagram: