University of British Columbia, Vancouver

Department of Computer Science

CPSC 304 Project Cover Page

Milestone #: ___1_____

Date: ____July 12, 2024_____

Group Number: ___7_____

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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 email 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 description

1. **What is the domain of the application? Describe it.**

   The domain of an application refers to the area of knowledge your application resides in. For example, if I am making an application for a hospital, the domain would be something like healthcare/patient management/logistics (it would depend on what the application is trying to do).

   The domain of our application is in gaming and information management, specifically for Pokemon players. It focuses on information about different types of Pokemon for Pokemon Players providing a comprehensive database and management system for Pokemon-related information. The domain is Pokemon/Trainer/Moves/Games.

2. **What aspects of the domain are modeled by the database?**

   In answering this question, you will want to talk about what your project is trying to address and how it fits within the domain. It is likely that in the process of answering these questions you will bring up examples of a real-life situation that the application could be applied to

   The database models various details within the pokemon world. This includes but not limited to, Pokemons, their types, their moves, where they live, and what champions use them. It also models the games and generations that the games are set in. For example, in real life applications, users can use the data within the database to strategize when playing the pokemon games.

Database specifications:

What functionality will the database provide? i.e. What kinds of things will people using the database be able to do?

Users will be able to gather information about what pokemons are in a certain game, what moves can that pokemon learn, where the pokemon lives according to the lore, what type are the pokemon, etc. This allows the users to strategize during gameplay as they can figure out what pokemons the champion uses, what types of moves the pokemon is weak against, and plan accordingly.

Description of the application platform: (2-3 sentences)

1. What database will your project use (department provided Oracle)? See the "Project Platforms" section of this document for more information.

   Oracle

2. What is your expected application technology stack (i.e., what programming languages and libraries do you want to use)? See the "Project Platforms" section of this document for more information.

   i. You can change/adjust your tech stack later as you learn more about how to get started for the project via latter tutorials

   php

ER Diagram

An ER diagram for the database that your application will use. It is OK to hand-draw it but if it is illegible or messy or confusing, marks will be taken off. You can use software to draw your diagram (e.g., draw.io, GoogleDraw, Microsoft Visio, Powerpoint, Gliffy, etc.) The result should be a legible PDF or PNG document. Note that your ER diagram must use the conventions from the

textbook and the lectures. For example, do not use crow's feet notation or notation from other textbooks).

a) Please limit your diagram to a letter size page (8.5 x 11 inches). If you require additional space, talk to your project mentor beforehand as this might mean that your project is a bit more complicated than what we expect