CPSC 304 Project Cover Page

Milestone #: 3
Date: Mon, Mar 11
Group Number: 7

Name	Student Number	CS Alias (Userid)	Preferred E-mail Address
Linda Han	81054231	z7m9j	hanlinda0903@gmail.com
Yudan Chen	74330309	x6a2g	cydan199@student.ubc.ca
Mike Lu	72573983	e0s9m	mike020830@gmail.com

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

Github Repository:

https://github.students.cs.ubc.ca/CPSC304-2023W-T2/project_e0s9m_x6a2g_z7m9j

Summary

Our project entails a **ski resort operation system**, it focuses on several components of a ski resort such as the people (skiers and rescue team), facilities & programs (lift, ski slope, ski lessons), and environmental elements (weather condition and wildlife).

Tech Stack

Database: Oracle
backend/frontend: PHP, html, css

Timeline and task breakdown

We will be creating 4 webpages:

- **Homepage** - Staff can monitor ski slopes and lift operations
- **Lesson scheduling** - Staff can manage the scheduling of ski lessons, assign instructors, and track lesson attendance.
- **Skier profile management** - Staff can access and update skiers' profiles, including personal information, ski pass details.
- **Incident and wildlife monitoring** - Staff can monitor wildlife activity, log and track incidents, as well as coordinating rescue teams

Week of March 15-23

Task	Assigned to
Create table of ski slopes and lift (Homepage), Ski lessons (Lesson scheduling), Skier, Ski pass (Skier profile) and rescue team, incident and wildlife (Incident and wildlife monitoring). Insert dummy data.	Mike Linda Yudan
Design project architecture(Website Structure, buttons and components needed)	All
Database interaction design should include a mock up of insert, delete, update, join,	All

aggregation with group by, aggregation with having queries using the GUI.	
Backend: Write query for insert, delete, update	Mike Linda Yudan
Frontend: showing the result from query, including the buttons used, error handling for queries	Each person responsible for the front end of their corresponding queries
Include user notification after completion of insert, update, delete action.	Each person responsible for user notification of their corresponding queries

Week of March 24-31

Task	Assigned to
Backend: write queries for nested aggregation with group by, projection, selection, division queries, join, Aggregation with HAVING, Projection, aggregation with group by	Mike Linda Yudan
Frontend: Integrate queries into all webpages, creating buttons and error messages.	Each person responsible for the front end of their corresponding queries

Week of April 1-5

Task	Assigned to
Debug and add basic security practices	All
Improve user friendliness (potentially modify UI to make it easier to use)	All
Submit project on canvas on April 5	Linda