CPSC 304 Project Cover Page

Milestone #: 1

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Group Number: 27

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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

2. Project Description
   a) This application is a user-focused fitness application that allows users to track their workouts, nutrition, and body measurements. The domain of this application is fitness/body management.
   b) This project models the tracking of users' body measurements, daily workout and their daily nutrition.

3. Database Specifications
   a) CRUD Functionalities:
      i)   Users create new measurements
      ii)   Users can view their progress in measurements by date.
      iii) Users can create new workouts containing exercises or classes
      iv)   Users can view their daily calories remaining, which will be calculated through their measurements and workouts completed
      v)   Users can create new 'meals' containing 'food' items to update their nutrition values.
4. Application platform
   a) The database we will use for this project is Oracle.
   b) Our expected programming language to use is Java. We are planning to use the Spring Boot framework, HTML/CSS for frontend web development.
5. ER Diagram: