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| Data Name | Description |
| initialization | Initialization refers to the state where the user has first launched the application Helia while not having an account at the moment. The user will be directed to a registration page and complete the preference setting procedure. |
| section | The term section represents one of the three main functionality of the application Helia – Discover, workout record and health record. |
| application | Application refers to the final product of this project – a health oriented android application named Helia. |
| username | Username refers to the unique account name that the user has inputted while registering. The username will be used along with password to authenticate a user. |
| Privacy protection | The user’s data collected while registering and setting personal preferences will be protected and not accessible by external entities unless the user has agreed to share some parts of his/her information. |
| Workout records | The workout records are generated after the completion of one exercise (running, cycling or walking). A record will contain the duration, distance, and the calories burnt information. |
| Exercise Type | Refers to the three exercise functions provided by the application – running, cycling and walking. |
| Calories | A calorie is a unit of energy. The small calorie, or gram calorie (symbol: cal), is defined as the amount of energy needed to raise the temperature of one gram of water by one degree Celsius at a pressure of one atmosphere. We adopt large calories, which is 1,000 units of gram calorie in our application. |
| Vibration sensor | The vibration sensor is a built-in sensor in mobile phones. It will be an alternative if the GPS signal is not enough to support the functions of the application. |
| Discover | Discover stands for a section that suggests the user 1. suitable sports activity and venues to exercise; 2. Nearby healthy eateries. |
| Weather Forecast | This is a real-time dataset taken from data.gov.sg that gives weather forecast for next 2 hours, next 24 hours and next 4 days. |
| Ultraviolet Index (UVI) | This is a real-time dataset taken from data.gov.sg that gives UV Index value averaged over the past hour. It is updated every hour between 7 AM and 7 PM every day. |
| Pollution Standard Index (PSI) | This is a real-time dataset taken from data.gov.sg that gives overall and regional PSI data (24-hr PSI, 3-hr PSI, Pollutant Concentration and Sub-Index). |
| Recommended Eateries | This is a real-time dataset taken from data.gov.sg that gives locations of a list of healthier eateries partners on a map. |
| Avatar | Avatar is an icon, figure, or photo that displaying a person on the Internet. |
| BMI | Body Mass Index (BMI) is an attempt to quantify the amount of tissue mass (muscle, fat, and bone) in an individual, and then categorize that person as underweight, normal weight, overweight, or obese based on that value.  The value is derived from the body mass divided by the square of the body height. The unit is kg/m2. |
| Workout Purposes | Refers to the purposes of the workout, including:  Start-up: Simple and light workouts to get user fit and relax.  Lean Fit: Get lean and fit with moderate exercises that builds endurance.  Body Strong: highly intensive exercises that helps to push body strength and improve muscle tone. |
| Activity Level | Refers to the number of hours per week the user is currently working out. The data is used to calculate the recommended workout in Discover section. |
| Water Consumption | Water consumption is defined as the freshwater intake by the user per day. |
| Histogram Graph | A Histogram Graph is an accurate representation of the distribution of numerical data. A Histogram Graph will be used to represent the user’s calories changes over a period of time. |
| Login | Login is the process by which an individual gains access to a computer system/ database/ application by identifying and authenticating themselves. |
| Logout | Logout means to end access to a computer system/ database/ application. Logout informs that the current user wishes to end the login session |