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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. |
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