Updated 11/1/2019

Use Case for Regular Users

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| --- | --- |
| Name | Registration process |
| ID | UC\_01 |
| Description | To enable user to use the web resources to become more familiar with healthy living |
| Actors | Regular User |
| Organizational Benefits | Educates users on their personal health and to help users have a healthier lifestyle. |
| Frequency of Use | Any time the user wants to track their progress or get more information about their personal stats. |
| Triggers | Lose weight, live better |
| Preconditions | Registration, Age, Name, Weight, Height |
| Postconditions | Based on amount of weight lost, and their goals with their bodies. |
| Main Course | 1. Prompt for user to register/login 2. User enters Personal information 3. Two factor authentication 4. Confirms authentication |
| Alternate Course | User account already exists   1. Redirect to Sign In   User doesn’t want to log in   1. Have the option to browse the site and track information without it being saved |
| Exceptions | System fails to create account   1. Notify user that an error has occurred 2. Return user to beginning of registration |

Use Case for Admin

|  |  |
| --- | --- |
| Name | Admin Account access |
| ID | UC\_02 |
| Description | Allows admin to access the database and configure users |
| Actors | Admin |
| Organizational Benefits | Increase the speed of troubleshooting administrative issues, ensure appropriate policies and technical measures are installed and enforced, and make it easier to configure user and system settings. |
| Frequency of Use | Semi-frequent |
| Triggers | Admin user logins to system |
| Preconditions | System admin accounts created  Appropriate privileges according to responsibilities assigned |
| Postconditions | Admin is logged into system with dashboard displaying options and system information |
| Main Course | 1. Prompt for user login 2. Authentication 3. Configure user accounts 4. Configure system settings 5. Backup system 6. Review system logs 7. Publish website with any changes |
| Alternate Course | 1. Login into server hosting application and database directly |
| Exceptions | Admin decides to leave company or forgets login credentials   1. Have backup admin account   Unauthorized user tries to access admin account over web   1. Enforce minimum login attempts |

Sequence Diagram

New User

Main Web Page

Database Server

Displays form

Submit information

Clicks register

User Registration Page

Create User

Send Confirmation

Click redirection link

Welcomes to main page

Access Fitness/Health Content