TITLE: User Platform Requirements

DESCRIPTION: Run on a “smart phone” platform.

TITLE: Account Requirements

DESCRIPTION:

* Allow the user to log into the service with account credentials.
* Allow the user to create a new account in the service.
* Allow the user to delete their account in the service.

TITLE: Workout Schedule Requirements

DESCRIPTION:

* Allow the user to create a “workout schedule” composed of a “workout metric”, a frequency per week, and a total number of weeks.
* Allow the user to specify a “workout metric” as a number (an amount of time, a distance, or a number of repetitions) and a textual description.
* Allow the user to associate a payment method with a “workout schedule”.
* Allow the user to provide a user name to “authenticate” that “workout metrics” have been met for a particular “workout schedule”.

TITLE: Validation Requirements

DESCRIPTION:

* Allow a user with “authenticator” privileges to view “workout schedules” which they have been authorized to “authenticate” that “workout metrics” have been met.
* Allow a user with “authenticator” privileges to mark “workout metrics” in authorized “workout schedules” as “accomplished”.

TITLE: Server Platform Requirements

DESCRIPTION:

* Server shall run on an internet-connected Linux platform.

TITLE: Server Requirements

DESCRIPTION:

* Server shall allow for the creation, storage, and retrieval of user account information.
* Server shall allow for the creation, storage, and retrieval of “workout schedule” information associated with a specific user account.
* Server shall allow for the creation, storage, and retrieval of “workout metric” information associated with a specific user account and “workout schedule”.
* Server shall allow for many-to-one “authenticator” associations of one or more user accounts with a single user account.
* Server shall allow for debiting a financial account using “workout schedule” associated payment information.

TITLE: User Account Requirements

DESCRIPTION:

* User Account information shall include user-provided full name.
* User Account information shall include a login name.
* User Account information shall include a login password.
* User Account information shall include account balance information.

TITLE: Workout Schedule Requirements

DESCRIPTION:

* Workout Schedule information shall include a “workout metric”.