LaunchApplication
ID: 01
Actors: User
Preconditions: Application installed.

Flow of Events:
  1. User taps on Application icon.
  2. Application loads.
  3. <<include>> UserInfo.
  4. Use-Case Ends.

Post Conditions: UserInfo is displayed

UserInfo
ID: 02
Actors: User
Preconditions: Application launched.

Flow of Events:
  1. Phone displays UserInfo.
  2. Can skip.
  3. Can enter in age, weight and height. BMI is automatically calculated.
    a. Choose to be notified when to be re-weighed.
    b. Choose number + Days, weeks, months.
  4. Save.
  5. Use-Case Ends.

Post Conditions: Proceed to UserSettings

UserSettings
ID: 03
Actors: User
Preconditions: UserInfo skipped or saved.

Flow of Events:
  1. Select main weight unit: lbs or kg.
  2. Change default number of sets from 3.
  3. Change default number of reps from 10.
  4. Save.
  5. Use-Case Ends.

Post Conditions: Proceed to AddRoutines

AddRoutines
ID: 04
Actors: User
Preconditions: UserSettings saved.

Flow of Events:
  1. Can skip
  2. Can edit name of Routine01 and add Workouts.
  3. Can edit name of Routine02 and add Workouts.
  4. Add new Routines and change its name.
  5. Change the number of days/weeks/months for the rate to progress through the routines.
  6. Save.
  7. Use-Case Ends.

Post Conditions: Proceed to SeeWorkout

SeeWorkout
ID: 05
Actors: User
Preconditions: AddRoutines skipped or saved.

Flow of Events:
   1. If Routines
      a. See Routine names
      b. Click to expand Routine to see Workouts.
   2. See Workouts with day and time.
   3. Select Workouts.
      a. <<include>> EditWorkout.
   4. Can add Workouts.
   5. Can press the StartCalendarButton when user finished editing everything.
   6. Use-Case Ends.

Post Conditions: Proceed to EditWorkout or StartCalendar

EditWorkout
ID: 06
Actors: User
Preconditions: Workout selected or new Workout to add.

Flow of Events:
   1. See what Routine this Workout is in.
   2. See Workout table.
   3. Can Edit
      a. Select days(s) and time of Workout, option for alarm notification.
      b. Edit name of Workout.
      c. See pre-generated table of sets, reps, exercise and weight.
      d. Can enter new cell data.
         i. Keyboard will pop-up for data entry.
         ii. Property cells above keyboard select to add time or change weight unit.
      e. Can group rows to create superset.
      f. Can remove columns/rows.
      g. Can add more columns/rows.
      h. Save.
   4. Can tap row to "check" the Workout is finished.
   5. Can click to start any timers.
   6. Can click for graph.
      a. Select value headings to be plotted against each other.
      b. Confirm and generate plot graph.
   7. Check to complete Workout day.
   8. Use-Case Ends.

Post Conditions:

StartCalendar
ID: 07
Actors: User
Preconditions: Application installed and launched. UserInfo skipped or saved. UserSettings saved. AddRoutines skipped or saved. StartCalendarButton pressed.

Flow of Events:
   1. If Application launching after exiting.
        a. Read system time and application's calendar.
        b. Jump to correct (Routine and) Workout day.
   2. <<include>> EditWorkout.
   3. Use-Case Ends.

Post Conditions: