

LaunchApplication
<b>ID:</b> 01
<b>Actors:</b> User
<b>Preconditions:</b> Application installed.
<b>Flow of Events:</b> <ol style="list-style-type: none"> <li>1. User taps on Application icon.</li> <li>2. Application loads.</li> <li>3. &lt;&lt;include&gt;&gt; UserInfo.</li> <li>4. Use-Case Ends.</li> </ol>
<b>Post Conditions:</b> UserInfo is displayed

UserInfo
<b>ID:</b> 02
<b>Actors:</b> User
<b>Preconditions:</b> Application launched.
<b>Flow of Events:</b> <ol style="list-style-type: none"> <li>1. Phone displays UserInfo.</li> <li>2. Can skip.</li> <li>3. Can enter in age, weight and height. BMI is automatically calculated. <ol style="list-style-type: none"> <li>a. Choose to be notified when to be re-weighed.</li> <li>b. Choose number + Days, weeks, months.</li> </ol> </li> <li>4. Save.</li> <li>5. Use-Case Ends.</li> </ol>
<b>Post Conditions:</b> Proceed to UserSettings

UserSettings
<b>ID:</b> 03
<b>Actors:</b> User
<b>Preconditions:</b> UserInfo skipped or saved.
<b>Flow of Events:</b> <ol style="list-style-type: none"> <li>1. Select main weight unit: lbs or kg.</li> <li>2. Change default number of sets from 3.</li> <li>3. Change default number of reps from 10.</li> <li>4. Save.</li> <li>5. Use-Case Ends.</li> </ol>
<b>Post Conditions:</b> Proceed to AddRoutines

AddRoutines
<b>ID:</b> 04
<b>Actors:</b> User
<b>Preconditions:</b> UserSettings saved.
<b>Flow of Events:</b> <ol style="list-style-type: none"> <li>1. Can skip</li> <li>2. Can edit name of Routine01 and add Workouts.</li> <li>3. Can edit name of Routine02 and add Workouts.</li> <li>4. Add new Routines and change its name.</li> <li>5. Change the number of days/weeks/months for the rate to progress through the routines.</li> <li>6. Save.</li> <li>7. Use-Case Ends.</li> </ol>
<b>Post Conditions:</b> Proceed to SeeWorkout

SeeWorkout
<b>ID:</b> 05
<b>Actors:</b> User
<b>Preconditions:</b> AddRoutines skipped or saved.
<b>Flow of Events:</b> <ol style="list-style-type: none"> <li>1. If Routines <ol style="list-style-type: none"> <li>a. See Routine names</li> <li>b. Click to expand Routine to see Workouts.</li> </ol> </li> <li>2. See Workouts with day and time.</li> <li>3. Select Workouts. <ol style="list-style-type: none"> <li>a. &lt;&lt;include&gt;&gt; EditWorkout.</li> </ol> </li> <li>4. Can add Workouts.</li> <li>5. Can press the StartCalendarButton when user finished editing everything.</li> <li>6. Use-Case Ends.</li> </ol>
<b>Post Conditions:</b> Proceed to EditWorkout or StartCalendar

<b>EditWorkout</b>
<b>ID:</b> 06
<b>Actors:</b> User
<b>Preconditions:</b> Workout selected or new Workout to add.
<b>Flow of Events:</b> <ol style="list-style-type: none"> <li>1. See what Routine this Workout is in.</li> <li>2. See Workout table.</li> <li>3. Can Edit <ol style="list-style-type: none"> <li>a. Select days(s) and time of Workout, option for alarm notification.</li> <li>b. Edit name of Workout.</li> <li>c. See pre-generated table of sets, reps, exercise and weight.</li> <li>d. Can enter new cell data. <ol style="list-style-type: none"> <li>i. Keyboard will pop-up for data entry.</li> <li>ii. Property cells above keyboard select to add time or change weight unit.</li> </ol> </li> <li>e. Can group rows to create superset.</li> <li>f. Can remove columns/rows.</li> <li>g. Can add more columns/rows.</li> <li>h. Save.</li> </ol> </li> <li>4. Can tap row to “check” the Workout is finished.</li> <li>5. Can click to start any timers.</li> <li>6. Can click for graph. <ol style="list-style-type: none"> <li>a. Select value headings to be plotted against each other.</li> <li>b. Confirm and generate plot graph.</li> </ol> </li> <li>7. Check to complete Workout day.</li> <li>8. Use-Case Ends.</li> </ol>
<b>Post Conditions:</b>

<b>StartCalendar</b>
<b>ID:</b> 07
<b>Actors:</b> User
<b>Preconditions:</b> <p>Application installed and launched.</p> <p>UserInfo skipped or saved.</p> <p>UserSettings saved.</p> <p>AddRoutines skipped or saved.</p> <p>StartCalendarButton pressed.</p>
<b>Flow of Events:</b> <ol style="list-style-type: none"> <li>1. If Application launching after exiting. <ol style="list-style-type: none"> <li>a. Read system time and application’s calendar.</li> <li>b. Jump to correct (Routine and) Workout day.</li> </ol> </li> <li>2. &lt;&lt;include&gt;&gt; EditWorkout.</li> <li>3. Use-Case Ends.</li> </ol>
<b>Post Conditions:</b>