**Task Analysis #1: Creating/Signing into Simple Fitness Profile**

1. Creating a Profile
   1. Sign Up
      1. Locate & Select “Sign Up/Sign In”
      2. If the user already has an existing account, skip to Task 1.2. Otherwise, continue to Task 1.1.3.
      3. Select “Sign Up”
      4. Locate “First Name” Text box
         1. User enters real first name
      5. Locate ‘Last Name” Text box
         1. User enters real last name
      6. Locate “Email Address” Text box
         1. User enters valid email addresses
      7. Locate “Username” Text box
         1. User enters valid username
      8. Locate “Password”
         1. User enters valid password
      9. Locate “Confirm Password”
         1. User enters previously entered valid password
      10. Locate “Accept Terms & Conditions” checkbox
          1. User checks “Terms & Conditions”
      11. Locate “Agree to receiving promotional emails” checkbox
          1. User checks “Agree to receiving promotional emails”
      12. Locate & Select “Next” button
      13. Prompted to enter health information.
          1. User enters height
          2. User enters weight
          3. User enters desired weight
      14. Locate “Create Account” button
          1. User selects “Create Account”
      15. “Congratulations” message appears.
      16. “Sign In” button is prompted
   2. Sign in
      1. Locate & select “Sign in” button
      2. Locate “Username” textbox
         1. User enters valid username.
      3. Locate “Password” textbox
         1. User enters valid password.
      4. Locate & Select “Log In”.
      5. Homepage Opens

Goal Identification:

* To successfully create an account with Simple Fitness in an efficient and quick manner.

Task Decomposition:

* Open website
* Sign up to access Simple Fitness services
* Provide access upon account creation

Task Sequencing:

* User prompted to Sign in or Create Account
* If user has no existing account, prompted to create one.
* User creates account.
* User has access to service.

Task Dependencies:

* Users must have access to a browser-capable device.
* Users must have internet connection to access website

Time/ Resource Analysis

Error Analysis:

* User selects “Sign In” when they don’t have an account
* User puts a non-valid password
* User puts a non-valid email address
* User puts their username or email as their first/last name
* User puts weight as height and vice versa
* User forgets to select “Terms & Conditions”
* User puts a desired weight that’s higher than their current weight.
* User accidently tries to exit out during Account Creation Process
* User X’s out after “Congratulations, now sign in” page instead of signing in.

**Task Analysis #2: Logging in Fitness Progress**

1. Logging Fitness Progress
   1. From Homepage, locate Exercise tab/icon
      1. Select and open Exercise tab/icon
   2. Search for desired exercise
      1. Select from recently done exercises
      2. If exercise is not recently done, search for desired exercise via Search Bar or Category.
   3. Select desired exercise
   4. Page for desired exercise appears
   5. Log an exercise session.
      1. Locate & Select “Log in new session”
      2. Prompted to enter following information:
         1. Enter duration of session
         2. Calories burned (if applicable)
         3. Miles ran/Stairs climbed (if applicable)
         4. Mood after session
      3. Locate and Select “Save”
      4. Exercise Session now logged and saved to “Activity History”

Goal Identification:

* Allowing users to intuitively save and archive their progress.

Task Decomposition:

* Open website
* Open Exercise Menu
* Log Exercise
* Save

Task Sequencing:

* Open website
* If not already, log into user’s account
* Open “Exercise Menu”
* Select Desired Exercise
* Input data
* Save to Activity History for archiving and future analyzing

Task Dependencies:

Error Analysis:

* User inputs incorrect data
* User forgets to Save before closing out
* User attempts to Save before filling out minimal required data for proper logging.

**Task Analysis #3: Joining a Fitness Challenge**

1. Joining Fitness Challenge
   1. From Homepage, select “Challenge” tab/icon from Navigation Bar
      1. If not from NavBar, users may be brought to Challenge tab via promotional banner on homepage or similar.
   2. Browse Challenges
      1. Via “Featured” menu, where most trending challenges are displayed.
      2. Via “Local” menu, where challenges happening near user are displayed.
      3. Via “All” menu, where challenges are algorithmically categorized based on the users' preferences are displayed first.
   3. Selecting a Challenge
      1. Select the desired Challenges’ banner
   4. Joining
      1. After selecting, the user is shown the desired Challenges page with details about the challenge.
      2. Locate and Select “Join” button
   5. Confirmation
      1. User receives confirmation that they have joined.
      2. Challenge (and challenge progress) now appears in a dedicated widget on the profile dashboard.

Goal Identification:

* Provide a simple and transparent process for user to confidently join and participate in challenges.

Task Decomposition:

* Open homepage
* Navigate to Challenge page
* Select Challenge
* Join Challenge

Task Sequencing:

* Accessing the challenges menu
* User browses for challenges of interest
* User joins challenge
* User joins list of participants

Task Dependencies:

* Some Challenges may be unavailable to users depending on geographical location.

Error Analysis:

* User may accidently join wrong challenge
* Users may get confused on what challenges are available to them.