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| **User Account Creation** | |
| **Scenario** | User wants to sign up for the website so they can start monitoring their fitness. |
| **Brief description** | User ‘signs up’, inputting the required form details and submitting their account information to be recorded/stored and a new user profile and account to be created. |
| **Trigger** | User selects the ‘sign up’ button. |
| **Actor(s)** | User. |
| **Preconditions** | User does not already have an account; User has a valid email address |
| **Flow of events** | 1. User fills out the form details (name, username, email etc…). 2. User selects ‘submit button’. 3. System stores the account information in the database. 4. User presented with their account dashboard. |
| **Extensions** | 2.a User already has an account.  2.a.1 Prompt user that the email address has already been used and ask if they want to recover the account.  2.2 Username has already been used.  Prompt user to choose a different username.  2.3 User inputs an invalid email address.  Prompt the user to input a valid email address. |
| **Post-conditions** | A new user account has been created; User presented with their dashboard |

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| **USE CASE NAME** | **User account creation** | |
| **Goal in Context** | To create a new user account for the website, with the user submitting their details and the account information being stored in the database. | |
| **Scope & Level** | Overall system | |
| **Preconditions** | Web Page is open. User does not already have an account. User has a valid email address | |
| **Success End Condition** | A new user account has been created. User presented with their dashboard | |
| **Failed End Condition** | A new user account is not created. | |
| **Primary Actor** | User | |
| **Trigger** | User selects the ‘sign up’ button. | |
| **SUCCESS SCENARIO** | **Step** | **Action** |
|  | 1 | The register webpage loads up, displaying the required details as a form input |
|  | 2 | Actor fills out the form details (username, email, firstname, surname, date of birth, current height, current weight & password) |
|  | 3 | Actor selects the submit/register button |
|  | 4 | System runs checks to determine if the username and email address are valid |
|  | 5 | System stores the information in the database |
|  | 6 | System sends the user an email to confirm the account has been created |
|  | 7 | System presents the actor with their personal dashboard web page |
| **ALTERNATIVE SCENARIO** | **Step** | **Branching action** |
|  | 3a | The user already has an account. System notifies the user and asks if they wish to recover the account. |
|  | 3b | The username has already been used. System notifies the user and prompts them to choose a different username. |
|  | 3c | The email entered is invalid (does not match an email format). System notifies the user and prompts them to use a valid email address. |
| **RELATED INFORMATION** | | |
| **Priority** | Top priority | |
| **Performance Target** | - | |
| **Frequency** | Moderate | |
| **Subordinate Use Cases** | - | |
| **Channel to Primary Actor** | User Interface (web page) | |
| **Secondary Actors** | - | |
| **Channel to Secondary Actors** | - | |
| **OPEN ISSUES** | If database is not online it may not be caught that a user account has not been created. | |
| **SCHEDULE** | Due date is version 1.0 release | |
| **AUTHOR** | Jack Sayer - 28.02.18 | |