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| **Story # :** | user wants register an new account | **Priority** |  |
| **Effort** |  |
| As a | New user | | |
| I want | Register an account | | |
| So that I can | Log in my account | | |
| Acceptance criteria | **Criterion 1:**  **Given** I’m in log in page  I can find an register button  **When** I click the register button  fill in all the information required  registered by use personal email  **Then** I have an new valid account  I can log in this application      **Criterion 2:**  **Given** I’m in register form  **When** I fill in my personal email and password  **Then** An registered successfully message is displayed  And I registered as a new user | | |

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| **Story # :** | user wants to update their workout data | **Priority** |  |
| **Effort** |  |
| As a | User | | |
| I want | Update workout data | | |
| So that I can | Track my fitness progress | | |
| Acceptance criteria | **Criterion 1:**  **Given** I have followed my fitness progress  Application’s predetermined parameters and goals have been achieved  **When** I updating my workout data  **Then** The application update my date to my fitness progress  The application present my goals have been completed      **Criterion 2:**  **Given** My daily workout date has been updated  **When** I want inspection my data  **Then** The application will promote the new update data  I can earn today’s “Medals” | | |

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| **Story # :** | user wants create an personal fitness plan | **Priority** |  |
| **Effort** |  |
| As a | User | | |
| I want | Create my personal fitness program | | |
| So that I can | Manage my fitness process base on my own condition | | |
| Acceptance criteria | **Criterion 1:**  **Given** I’m want to create a new program  I don’t want to follow original program  **When** I created my own program  **Then** I have to follow my own program  I can do my workout anytime anywhere  I don’t have to do some sport that I don’t want to do        **Criterion 2:**  **Given** I have set up all my new achievements  I start following my own program  **When** I following my own program  **Then** I can check what I have achieved  And I can share my own program to other users | | |

As an administrator

I want to add items

So that I can have more customers

Acceptance Criteria:

Given:

• I’m on home page

• I can see the administrator entrance

• I can log in as an administrator

When:

• Select the administrator entrance

• I click login button

Then:

• The system switch login mode

• I can see administrator dashboard

As an administrator

I want to design recipes for users

So that users can achieve the exercise effect faster

Acceptance Criteria:

Given:

• I’m on administrator dashboard

• I can see the recipes of users

• I can manage recipes

When:

• Select recipe options

• I click manage button

Then:

• I can see the user's recipe

• I can manage recipes

As an administrator

I want to set medal achievements

So that users can be more motivated

Acceptance Criteria:

Given:

• I’m on administrator dashboard

• I can see the achievements of users

• I can add the types of medals

When:

• Select medal options

• I click add medals button

Then:

• I can see the number of medals won

• I can set up new medals

As an administrator

I want to promote new Workouts and Programs

So that fitness programs can be more attractive

Acceptance Criteria:

Given:

• I’m on administrator dashboard

• I can set the news

• I can edit new training programs

When:

• Select news options

• I click set news button

Then:

• I can see the original training programs

• I can edit original training programs

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| Use Case ID: | ACC\_CN\_1 |
| Use Case Name: | login |
| Created By: | Jiaqi Li |
| Date Created: | 23-08-20 |
| Description: | This use case allows user to login into the system to access the relevant functions according to the user’s role. To login this system, all users need to enter their unique staffID and corresponding password. Users have a maximum of 5 attempts to login, after 5 attempts, accounts will be locked, only administrators can unlock their accounts. |
| Primary Actor: | User |
| Secondary Actor: | None |
| Preconditions: | 1. User has a valid account 2. The system is operating normally |
| Postconditions: | 1. The system displays the relevant dashboard |
| Main Flow: | 1. The user enters the staffID and password 2. The user submits the staffID and password 3. The system validates the staffID and password 4. The system verifies the staffID and password 5. The system displays the user’s dashboard 6. End |
| Alternative Flows: | 3a. Missing staffID and/or password   1. The system prompts for staffID and password 2. Return to step 1   3b. Maximum 5 attempts exceeded  1. Display “Maximum attempts exceeded, please contact administrator”  2. User’s account is locked  3. End  4a. Invalid staffID and/or password  1. Display “Invalid staffID and/or password, please try again”  2. The system prompts for staffID and password  3. Return to step 1 |

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| Use Case ID: | ACC\_CN\_2 |
| Use Case Name: | comment |
| Created By: | Jiaqi Li |
| Date Created: | 23-08-20 |
| Description: | This use case allows user to comment recipes，medals，new Workouts and Programs. To comment other’s training diary or photos, users can not be muted. Users can report other’s bad comment and administrator can mute users. If users do not like other’s comment that in their own posts, users can delete comment，administrator can delete everyone’s comment. |
| Primary Actor: | User |
| Secondary Actor: | Administrator |
| Preconditions: | 1. User has a valid account 2. User is not muted |
| Postconditions: | 1. Your comment appears under other people’s posts. |
| Main Flow: | 1. The user clicks comment button 2. The user edits a comment 3. The user submits a comment 4. The comments can be seen 5. The user reports a comment 6. The user deletes a comment 7. The administrator deletes a comment |
| Alternative Flows: | 3a. User is muted  Display “You are muted by the administrator”  Return to step 1  3b. Your previous comments have been reported too many times  1. Display “Your comment will be reviewed”  2. Comment failed  3. End  6a/7a Comment has been deleted  1. Display “Comment has been deleted, do not repeat the operation”  2. End |

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| Use Case ID: | ACC\_CN\_3 |
| Use Case Name: | Achievement |
| Created By: | Yi Xin |
| Date Created: | 23-08-20 |
| Description: | This use case allows user to following the application’s predetermined parameters. To achieve those ‘Medals’ , all users need to update their personal date. Users have to update their workout data. Otherwise the application cannot collect users ‘date. |
| Primary Actor: | User |
| Secondary Actor: | None |
| Preconditions: | 1. User has followed my fitness progress 2. Application’s predetermined parameters and goals have been achieved |
| Postconditions: | 1. The system displays the achievement completed |
| Main Flow: | 1. The user update their personal date 2. The user submits their personal date 3. The application confirm user’s date 4. End |
| Alternative Flows: | 3a. Date don’t match   1. The application’s display date not match 2. Return to step 1   3b. Achievement has not completed  1. Display “Achievement has not completed”  2. End |

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| Use Case ID: | ACC\_CN\_4 |
| Use Case Name: | New program |
| Created By: | Yi Xin |
| Date Created: | 23-08-20 |
| Description: | This use case allows user to create a new program. Users can follow what they create instead of following the application’s predetermined parameter. Users can share these programs in the community. Users can exchange experiences and opinions with each other, good suggestions can be adopted, and bad suggestions can be ignored |
| Primary Actor: | User |
| Secondary Actor: | Administrator |
| Preconditions: | 1. User has created a new program 2. User has posted on the community |
| Postconditions: | 1. Your program has been read and commented |
| Main Flow: | 1. The user clicks comment button 2. The user edits a comment 3. The user submits a comment 4. The comments can be seen |
| Alternative Flows: | 3a. User didn’t post their program  Display “Nothing”  Return to step 1  3b. User program have been reported  1. Display “Your program has been reported”  2. Program post failed  3. End |

