|  |  |
| --- | --- |
| 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 |

|  |  |
| --- | --- |
| 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 |

|  |  |
| --- | --- |
| 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 |

|  |  |
| --- | --- |
| 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 |