use case description

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Use case # | UC01 | | | |
| Use case name | Register | | | |
| Scenario | Person wants to make new plans | | | |
| Triggering event | User clicks register button | | | |
| Brief description | Add a new user in app | | | |
| Actors | user | | | |
| Related use cases | User login, user clicks profile tab | | | |
| Pre-conditions | Open home tab | | | |
| Post-conditions | No | | | |
| Flow of events | Actor | | system | |
|  |  | 1. | System asks for sign in or sign up |
| 2 | User chooses to sign up | 3 | System displays registering required inputs. |
| 4 | User fills in and registers | 5 | System adds new user and directs user to profile page |
| 6 | User builds their profile. | 7 | System saves profile and directs user to home page. |
| Exceptions | Email Address has been registered, back to register page | | | |

Table 1: UC01- Register

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Use case # | UC02 | | | |
| Use case name | Check exercise instruction | | | |
| Scenario | Person wants to check different exercise | | | |
| Triggering event | User clicks exercise tab | | | |
| Brief description | User can look exercise instruction which would show the exercise description. User can confirm that the action would be done properly. | | | |
| Actors | user | | | |
| Related use cases | No | | | |
| Pre-conditions | Open app | | | |
| Post-conditions | No | | | |
| Flow of events | Actor | | system | |
|  |  | 1. | System displays index page with “exercise” button |
| 2 | User taps “exercise” button | 3 | System will display different type of exercises such as “chest”, “triceps”, “shoulder”, “cardio” and etc. |
| 4 | User taps any one of those types, for example “chest”. | 5 | System checks look up table and shows the chest exercise list. |
| 6 | User taps any action from the list by exercise name. | 7 | Systems will go this exercise instruction page, including exercise name, description, and tips. |
| Exceptions | Display all exercise by type. | | | |

Table 2: UC02- Check exercise instruction

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Use case # | UC03 | | | |
| Use case name | Start workout | | | |
| Scenario | Person wants to workout with our app | | | |
| Triggering event | User clicks workout tab | | | |
| Brief description | Starting workout will help users record their different set, weight, and reps. System will save the date in database to help user check it in the future. | | | |
| Actors | user | | | |
| Related use cases | Add, edit, delete plans; add, edit, delete actions; add, edit, delete action details. | | | |
| Pre-conditions | Open workout tab | | | |
| Post-conditions | Click one plan | | | |
| Flow of events | Actor | | system | |
|  |  | 1. | System prompt actions list of one plan. |
| 2 | User selects one action | 3 | System will show the action picture, training table with set, weight, and reps column, and “save”, “rest” button. |
| 4 | User enter the a set of weight and reps, and tap “save set” button. | 5 | System saves the detail ,and clear the entered input box and set sets number plus one. |
| 6 | User continues to enter weight and reps until finishing workout, and taps “Finish workout” button. | 7 | System return to action lists page. |
| Exceptions | No | | | |

Table 3: UC03- Start workout

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Use case # | UC04 | | | |
| Use case name | Manage exercise plan | | | |
| Scenario | Person wants to manage workout plans | | | |
| Triggering event | User clicks one plan in workout plan page | | | |
| Brief description | User will check exercise plan, and system will also provide user to add and delete actions. | | | |
| Actors | user | | | |
| Related use cases | add, delete actions; add, edit, delete action details. | | | |
| Pre-conditions | Open workout page and click on plan | | | |
| Post-conditions | User must add plans before actions and details. | | | |
| Flow of events | Actor | | system | |
|  |  | 1 | System prompts all plans, and “add plan” button |
| 2 | Users taps “add” button. | 3 | Systems prompt a planName input box and “add” button. |
| 4 | User enter planName and click “add” button | 5 | System add this plan and reload the page within showing newly plan. |
| 6 | User click one plan | 7 | System go pageAction and display all actions, “Edit plan”, and “Delete plan”. |
| 8 | User tap “Edit plan” | 9 | System prompts planName input box and date input box, and “update plan” button |
|  | 10 | User click “update plan” button | 11 | System saved the new plan with new planName and date. |
|  | 12 | User click “delete plan” button | 13 | System delete this plan and return to workout plans list page. |
| Exceptions | No | | | |

Table 4: UC04- Manage exercise plan

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Use case # | UC05 | | | |
| Use case name | Manage actions | | | |
| Scenario | Person wants to workout with our app | | | |
| Triggering event | User clicks one plan in workout page | | | |
| Brief description | System display all actions in this plan, and user can manage it by add, edit, and delete it. | | | |
| Actors | user | | | |
| Related use cases | Add, edit, delete plans; add, edit, delete action details. | | | |
| Pre-conditions | Click one plan in workout page | | | |
| Post-conditions | Click one plan | | | |
| Flow of events | Actor | | system | |
|  |  | 1. | System prompt actions list of one plan. |
| 2 | User selects one action | 3 | System will show the action picture, action name and “add action” button |
| 4 | User taps “add plan” button | 5 | System display all actions in a list |
| 6 | User clicks one action | 7 | System save this action in this list |
|  | 8 | User click one action | 9 | System go action detail page with “delete action” button |
|  | 10 | User select “delete plan” button | 11 | System delete this action in this plan, and return to action list page |
| Exceptions | no | | | |

Table 5: UC05- Manage actions

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Use case # | UC06 | | | |
| Use case name | Manage detail | | | |
| Scenario | Person wants to workout with our app | | | |
| Triggering event | User clicks one action in actions list page | | | |
| Brief description | System display action detail with input box and serval button to allow user enter record and manage it. | | | |
| Actors | user | | | |
| Related use cases | Manage actions; manage plans | | | |
| Pre-conditions | Click one action in workout page | | | |
| Post-conditions | no | | | |
| Flow of events | Actor | | system | |
|  |  | 1 | System display 3 input boxes and “save set” button, “cancel” button, “finish action” button, and “action history” button. |
| 2 | User enter number for weight, rep and date, and click “save set” button. | 3 | System save this set in detail table, and refresh this page. |
| 4 | user click “action history” button | 5 | System go detail history page and display all details, and “back” button |
| 6 | User select one set | 7 | System display current detail in input box and “update” button and “delete” button |
|  | 8 | User change the number and click “update” button | 9 | System update the new detail and return to details list page |
|  | 10 | User taps “delete” button in current action detail page | 11 | System delete this detail and return to details list page |
| Exceptions | no | | | |

Table 6: UC06- Manage detail