SportApp

T9-SWA-Quality-Assurance

Front-end

Software Qualification Specifications Acceptance

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# Introduction

The aim of this software qualification specification assurance (SQSA) is to present test procedures results which and to validate the **SportApp** project. Acronyms table

|  |  |
| --- | --- |
| NA | Not applicable |
| NR | Not run |
| POK | Partially OK |
| TC | Test case |

# Project context

The aim of **SportApp** project is to create an application for mobile devices designed for the sports centers and intended to be used by their employee and adherents.

Basically, this application will have two distinct parts:

One part named “administration” for the manager and / or the coaches (administrators) of a sport center, allowing them to create and edit the program of their adherents, and to add the result of a follow-up (total mass, body fat proportion, water proportion, muscle proportion, etc.) in the profile of their adherent. The team of the sport center will be able to edit a basic “floormap” of the facility and to place the sports stations available in the center. They will also be able to add a description of the machines, with a video of presentation of the exercise workable, and an explanation of which muscle group is used in these exercises.

On the other hand, a part named “client” designed for the adherents, allowing them to see their exercises program, check the time / repetitions / weight advised by his coach for each exercise, and enter his progress (augmentation of weight, number of repetitions, etc.) and to access to the location of the machines in relation of the exercise selected on the program. They will also be allowed to see the description & video provided by the team of the sports center, and to send 2 types of poke to the coach:

1) Ask for help with this machine

2) Report a defective machine

The use will be able to see his follow-ups and check his evolution in time. He will also be able to ask a follow-up with his coach.

# Global results

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | OK | KO | POK | NR | NA |
| Manual tests | XX.XX% | XX.XX% | XX.XX% | XX.XX% | XX.XX% |
| NB/Total | NB/Total | NB/Total | NB/Total | NB/Total |
| Automatic tests | XX.XX% | XX.XX% | XX.XX% | XX.XX% | XX.XX% |
| NB/Total | NB/Total | NB/Total | NB/Total | NB/Total |

# Manual tests

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| MAN\_010 | Create account test | | Result | Comment |
| TC\_01 | **Test**:   1. Connect as administrator. 2. Click on User Management button. 3. Click on Add New User button. 4. Enter all the add new user fields with correct information. 5. Click on Submit button.   **Expected**:  *Success Alert warns that user creation succeeds.* | | NR |  |
| TC\_02 | **Test**:   1. Connect as administrator. 2. Click on User Management button. 3. Click on Add New User button. 4. Enter all the create new user fields with incorrect information. 5. Click on Submit button.   **Expected**:  *Error Alert warns that user creation failed.* | | NR |  |
| TC\_03 | **Test**:   1. Connect as administrator. 2. Click on Team Management button. 3. Click on Add Team Member button. 4. Select Administrator as profile. 5. Enter all the create new team member fields with correct information. 6. Click on Submit button.   **Expected**:  *Success Alert warns that administrator creation succeeds.* | | NR |  |
| TC\_04 | **Test**:   1. Connect as administrator. 2. Click on Team Management button. 3. Click on Add New Team Member button. 4. Select Administrator as profile. 5. Enter all the create new team member fields with incorrect information. 6. Click on Submit button.   **Expected**:  *Error Alert warns that administrator creation failed.* | | NR |  |
| TC\_05 | **Test**:   1. Connect as administrator. 2. Click on Team Management button. 3. Click on Add New Team Member button. 4. Select Coach as profile. 5. Enter all the create new team member fields with correct information. 6. Click on Submit button.   **Expected**:  *Success Alert warns that coach creation succeeds.* | | NR |  |
| TC\_06 | **Test**:   1. Connect as administrator. 2. Click on Team Management button. 3. Click on Add New Team Member button. 4. Select Coach as profile. 5. Enter all the create new team member fields with incorrect information. 6. Click on Submit button.   **Expected**:  *Error Alert warns that coach creation failed.* | | NR |  |
| Final result | Execution date | XX/XX/XXXX | NR | |
| Tested version | Version 1.0 |
| Tester name | Tester name |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| MAN\_020 | Sign in test | | Result | Comment |
| TC\_01 | **Test:**   1. Launch SportApp application. 2. Enter “[admin@email.com](mailto:admin@email.com)“ in email field. 3. Enter “admin” in password field. 4. Click on Submit button.   **Expected:**  *Connection succeeds. Administrator home is displayed.* | | NR |  |
| TC\_02 | **Test:**   1. Launch SportApp application. 2. Enter “[admin@email.com](mailto:admin@email.com)“ in email field. 3. Enter “toto” in password field. 4. Click on Submit button.   **Expected:**  *Connection failed. Error Alert displayed while screen stay on login page.* | | NR |  |
| TC\_03 | **Test:**   1. Launch SportApp application. 2. Enter “[coach@email.com](mailto:coach@email.com)“ in email field. 3. Enter “coach” in password field. 4. Click on Submit button.   **Expected:**  *Connection succeeds. Coach home is displayed.* | | NR |  |
| TC\_04 | **Test:**   1. Launch SportApp application. 2. Enter “[coach@email.com](mailto:coach@email.com)“ in email field. 3. Enter “toto” in password field. 4. Click on Submit button.   **Expected:**  *Connection failed. Error Alert displayed while screen stay on login page.* | | NR |  |
| TC\_05 | **Test:**   1. Launch SportApp application. 2. Enter “[user@email.com](mailto:user@email.com)“ in email field. 3. Enter “user” in password field. 4. Click on Submit button.   **Expected:**  *Connection succeeds. User home is displayed.* | | NR |  |
| TC\_06 | **Test:**   1. Launch SportApp application. 2. Enter “[user@email.com](mailto:user@email.com)“ in email field. 3. Enter “toto” in password field. 4. Click on Submit button.   **Expected:**  *Connection failed. Error Alert displayed while screen stay on login page.* | | NR |  |
| Final result | Execution date | XX/XX/XXXX | NR | |
| Tested version | Version 1.0 |
| Tester name | Tester name |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| MAN\_030 | User: home page test | | Result | Comment |
| TC\_01 | **Test:**   1. Connect user any user account.   **Expected:**  *Home page of user must display 5 buttons: Programs, Progress, Appointments, Events, Settings.* | | NR |  |
| TC\_02 | **Test:**   1. Connect user any user account. 2. Click on Program button.   **Expected:**  *Program page must be displayed with all the user session as button.* | | NR |  |
| TC\_03 | **Test:**   1. Connect user any user account. 2. Click on Progress button.   **Expected:**  *Progress page must be displayed with all the user progress metrics sortable by time or categories.* | | NR |  |
| TC\_04 | **Test:**   1. Connect user any user account. 2. Click on Appointments button.   **Expected:**  *Appointments page must be displayed with appointments calendar and create new appointment button.* | | NR |  |
| TC\_05 | **Test:**   1. Connect user any user account. 2. Click on Events button.   **Expected:**  *E*vents *page must be displayed with all events sorted by dates.* | | NR |  |
| TC\_06 | **Test:**   1. Connect user any user account. 2. Click on Settings button.   **Expected:**  *Settings page must be displayed.* | | NR |  |
| Final result | Execution date | XX/XX/XXXX | NR | |
| Tested version | Version 1.0 |
| Tester name | Tester name |

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| --- | --- | --- | --- | --- |
| MAN\_040 | User: session test | | Result | Comment |
| TC\_01 | **Test:**   1. Connect user any user account. 2. Click on Program button. 3. Click on any session in the sessions list. 4. Click on Select session button.   **Expected:**  *Selected session must be now set as active.* | | NR |  |
| Final result | Execution date | XX/XX/XXXX | NR | |
| Tested version | Version 1.0 |
| Tester name | Tester name |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| MAN\_050 | User: exercise details display test | | Result | Comment |
| TC\_01 | **Test:**   1. Connect user any user account. 2. Click on Program button. 3. Click on any session in the sessions list. 4. Click on Select session button. 5. Click on any exercise into exercises list.   **Expected:**  *Selected exercise details must be displayed.* | | NR |  |
| Final result | Execution date | XX/XX/XXXX | NR | |
| Tested version | Version 1.0 |
| Tester name | Tester name |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| MAN\_060 | User: exercise details information test | | Result | Comment |
| TC\_01 | **Test:**   1. Connect user any user account. 2. Click on Program button. 3. Click on any session in the sessions list. 4. Click on Select session button. 5. Click on any exercise into exercises list.   **Expected:**  *Selected exercise details must be displayed with Explanatory exercise video, exercise dash board (advised weight, current weight, recovery time, number of repetitions, occurrences).* | | NR |  |
| Final result | Execution date | XX/XX/XXXX | NR | |
| Tested version | Version 1.0 |
| Tester name | Tester name |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| MAN\_061 | User: exercise weight test | | Result | Comment |
| TC\_01 | **Test:**   1. Connect user any user account. 2. Click on Program button. 3. Click on any session in the sessions list. 4. Click on Select session button. 5. Click on any exercise into exercises list. 6. Click on exercise details button. 7. On the current weight field, select any weight with the weight picker. 8. Return on exercise page.   **Expected:**  *On the exercise dashboard, current weight must be now the previously selected weight.* | | NR |  |
| Final result | Execution date | XX/XX/XXXX | NR | |
| Tested version | Version 1.0 |
| Tester name | Tester name |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| MAN\_070 | User: machine details test | | Result | Comment |
| TC\_01 | **Test:**   1. Connect user any user account. 2. Click on Program button. 3. Click on any session in the sessions list. 4. Click on Select session button. 5. Click on any exercise into exercises list. 6. In the exercise details page, click on Machine view button.   **Expected:**  *The machine page must display a descriptive video, A broken machine button, a poke coach button.* | | NR |  |
| Final result | Execution date | XX/XX/XXXX | NR | |
| Tested version | Version 1.0 |
| Tester name | Tester name |

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| --- | --- | --- | --- | --- |
| MAN\_080 | User: progress test | | Result | Comment |
| TC\_01 | **Test:**   1. Connect user any user account. 2. Click on Progress button.   **Expected:**  *Progress page must be displayed with progress metrics, sort by categories button and sort by date button.* | | NR |  |
| Final result | Execution date | XX/XX/XXXX | NR | |
| Tested version | Version 1.0 |
| Tester name | Tester name |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| MAN\_090 | User: appointments test | | Result | Comment |
| TC\_01 | **Test:**   1. Connect user any user account. 2. Click on Appointments button.   **Expected:**  *Appointments page must be displayed with list of appointments, create new appointment button, delete appointment button.* | | NR |  |
| Final result | Execution date | XX/XX/XXXX | NR | |
| Tested version | Version 1.0 |
| Tester name | Tester name |

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| --- | --- | --- | --- | --- |
| MAN\_091 | User: event display test | | Result | Comment |
| TC\_01 | **Test:**   1. Connect user any user account. 2. Click on Event button.   **Expected:**  *Events page must be displayed with all future events sort by date.* | | NR |  |
| Final result | Execution date | XX/XX/XXXX | NR | |
| Tested version | Version 1.0 |
| Tester name | Tester name |

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| --- | --- | --- | --- | --- |
| MAN\_092 | User: event subscribe test | | Result | Comment |
| TC\_01 | **Test:**   1. Connect user any user account. 2. Click on Event button. 3. Click on non-registered event on the events list.   **Expected:**  *Event description page must be displayed with event information and subscribe button.* | | NR |  |
| TC\_02 | **Test:**   1. Connect user any user account. 2. Click on Event button. 3. Click on non-registered event on the events list.   **Expected:**  *Event description page must be displayed with event information and unsubscribe button.* | | NR |  |
| Final result | Execution date | XX/XX/XXXX | NR | |
| Tested version | Version 1.0 |
| Tester name | Tester name |

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| --- | --- | --- | --- | --- |
| MAN\_100 | User: settings test | | Result | Comment |
| TC\_01 | **Test:**   1. Connect user any user account. 2. Click on Settings button.   **Expected:**  *Settings page must be displayed with enable system notifications checkbox and selected sport-center.* | | NR |  |
| TC\_02 | **Test:**   1. Connect user any user account. 2. Click on Settings button. 3. Click on Selected sport-center. 4. With the sport-center picker, select a new sport-center.   **Expected:**  *In Settings page, the selected sport-center must be the previously selected sport-center.* | | NR |  |
| TC\_03 | **Test:**   1. Connect user any user account. 2. Click on Settings button. 3. Click on checkbox with Enable system notifications unchecked.   **Expected:**  *A system notification enabled Alert must be displayed and checkbox must be checked.* | | NR |  |
| TC\_04 | **Test:**   1. Connect user any user account. 2. Click on Settings button. 3. Click on checkbox with Enable system notifications checked.   **Expected:**  *A system notification disabled Alert must be displayed, and checkbox must be unchecked.* | | NR |  |
| Final result | Execution date | XX/XX/XXXX | NR | |
| Tested version | Version 1.0 |
| Tester name | Tester name |

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| --- | --- | --- | --- | --- |
| MAN\_110 | Administrator: team management test | | Result | Comment |
| TC\_01 | **Test:**   1. Connect administrator any administrator account. 2. Click on Team Management button.   **Expected:**  *After administrator logged, the home display some buttons which in the Team Management button.*  *After clicking on the Team Management button, the team management page is displayed.* | | NR |  |
| Final result | Execution date | XX/XX/XXXX | NR | |
| Tested version | Version 1.0 |
| Tester name | Tester name |

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| --- | --- | --- | --- | --- |
| MAN\_120 | Administrator: add coach test | | Result | Comment |
| TC\_01 | **Test:**   1. Connect administrator any administrator account. 2. Click on Team Management button. 3. Click on Add New Team Member button.   **Expected:**  *Add new team member page is displayed. In this page, First name, Last name, email, password and age fields are available.* | | NR |  |
| TC\_02 | **Test:**   1. Connect administrator any administrator account. 2. Click on Team Management button. 3. Click on Add New Team Member button. 4. Enter all required fields with correct information. 5. Click on submit button.   **Expected:**  *Success Alert warns that Coach creation succeed. Return to Team Management page* | | NR |  |
| TC\_03 | **Test:**   1. Connect administrator any administrator account. 2. Click on Team Management button. 3. Click on Add New Team Member button. 4. Enter all required fields with incorrect information. 5. Click on submit button.   **Expected:**  *Error Alert warns that Coach creation failed. Return to Team Management page.* | | NR |  |
| Final result | Execution date | XX/XX/XXXX | NR | |
| Tested version | Version 1.0 |
| Tester name | Tester name |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| MAN\_160 | Administrator: floor management add machine test | | Result | Comment |
| TC\_01 | **Test:**   1. Connect administrator any administrator account. 2. Click on Machine Management button.   **Expected:**  *Display Machine list page with a complete list of all machines. Add new machine button must be also displayed.* | | NR |  |
| TC\_02 | **Test:**   1. Connect administrator any administrator account. 2. Click on Machine Management button. 3. Click on Add new machine button.   **Expected:**  *The Add new machine page must be displayed with 4 fields: Machine name, Machine type, sport-center, Machine description video.* | | NR |  |
| TC\_03 | **Test:**   1. Connect administrator any administrator account. 2. Click on Machine Management button. 3. Click on any machine on the machines list.   **Expected:**  *Display machine information page, with edit and delete machine button.* | | NR |  |
| Final result | Execution date | XX/XX/XXXX | NR | |
| Tested version | Version 1.0 |
| Tester name | Tester name |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| MAN\_170 | Administrator: floor management add machine details test | | Result | Comment |
| TC\_01 | **Test:**   1. Connect administrator any administrator account. 2. Click on Machine Management button. 3. Click on any machine on the machines list.   **Expected:**  *Display machine information page, with edit and delete machine button.* | | NR |  |
| TC\_02 | **Test:**   1. Connect administrator any administrator account. 2. Click on Machine Management button. 3. Click on any machine on the machines list. 4. Edit any field with new correct value 5. Click on validate button.   **Expected:**  *A success edit machine details Alert is displayed. Return to Machine list.* | | NR |  |
| TC\_03 | **Test:**   1. Connect administrator any administrator account. 2. Click on Machine Management button. 3. Click on any machine on the machines list. 4. Edit any field with new incorrect value 5. Click on validate button.   **Expected:**  *An error edit machine details Alert is displayed.* | | NR |  |
| Final result | Execution date | XX/XX/XXXX | NR | |
| Tested version | Version 1.0 |
| Tester name | Tester name |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| MAN\_200 | Administrator: display events test | | Result | Comment |
| TC\_01 | **Test:**   1. Connect administrator any administrator account. 2. Click on Events Management button.   **Expected:**  *Display the events managements page with a list of all events and add new event button.* | | NR |  |
| Final result | Execution date | XX/XX/XXXX | NR | |
| Tested version | Version 1.0 |
| Tester name | Tester name |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| MAN\_210 | Administrator: events management test | | Result | Comment |
| TC\_01 | **Test:**   1. Connect administrator any administrator account. 2. Click on Events Management button. 3. Click on Add new event button.   **Expected:**  *Display the event details page with event name, event description, event picture, event date, event start time, event stop time.* | | NR |  |
| TC\_02 | **Test:**   1. Connect administrator any administrator account. 2. Click on Events Management button. 3. Click on Add new event button. 4. Enter correct information on all required fields. 5. Click on Submit button.   **Expected:**  *Success event creation Alert is displayed. Return to Events managements page.* | | NR |  |
| TC\_03 | **Test:**   1. Connect administrator any administrator account. 2. Click on Events Management button. 3. Click on Add new event button. 4. Enter incorrect information on all required fields. 5. Click on Submit button.   **Expected:**  *Error event creation Alert is displayed.* | | NR |  |
| TC\_04 | **Test:**   1. Connect administrator any administrator account. 2. Click on Events Management button. 3. Click on any event on the events list.   **Expected:**  *Display the event details page with event name, event description, event picture, event date, event start time, event stop time.* | | NR |  |
| TC\_05 | **Test:**   1. Connect administrator any administrator account. 2. Click on Events Management button. 3. Click on any event on the events list. 4. Enter any new correct data into an event detail field. 5. Click on submit button.   **Expected:**  *Success edit event Alert is displayed. Return to Events management page.* | | NR |  |
| TC\_06 | **Test:**   1. Connect administrator any administrator account. 2. Click on Events Management button. 3. Click on any event on the events list. 4. Enter any new incorrect data into an event detail field. 5. Click on submit button.   **Expected:**  *Error edit event Alert is displayed.* | | NR |  |
| TC\_07 | **Test:**   1. Connect administrator any administrator account. 2. Click on Events Management button. 3. Click on any event on the events list. 4. Click on Delete Event button.   **Expected:**  *A confirmation Alert is displayed and ask for confirmation. If administrator validate, the* event *is deleted from events list. Return to events management page.* | | NR |  |
| Final result | Execution date | XX/XX/XXXX | NR | |
| Tested version | Version 1.0 |
| Tester name | Tester name |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| MAN\_220 | Administrator: event detail test | | Result | Comment |
| TC\_01 | **Test:**   1. Connect administrator any administrator account. 2. Click on Events Management button. 3. Click on any event on the events list.   **Expected:**  *Display the event details page with event name, event description, event picture, event date, event start time, event stop time.* | | NR |  |
| Final result | Execution date | XX/XX/XXXX | NR | |
| Tested version | Version 1.0 |
| Tester name | Tester name |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| MAN\_250 | Test title | | Result | Comment |
| TC\_01 | **Test:**   1. Connect coach with any coach account. 2. Click on Appointments Management button.   **Expected:**  *Display the appointments management page. With a list of all appointments and create appointment button.* | | NR |  |
| Final result | Execution date | XX/XX/XXXX | NR | |
| Tested version | Version 1.0 |
| Tester name | Tester name |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| MAN\_260 | Test title | | Result | Comment |
| TC\_01 | **Test:**   1. Connect coach with any coach account. 2. Click on Appointments Management button. 3. Click on any appointment into appointments list.   **Expected:**  *Display the appointment details. With appointments details, close appointment button, edit appointment button.* | | NR |  |
| TC\_02 | **Test:**   1. Connect coach with any coach account. 2. Click on Appointments Management button. 3. Click on any appointment into appointments list. 4. Click on edit appointment button.   **Expected:**  *Display the edit appointment page, with appointment date, time and user.* | | NR |  |
| TC\_03 | **Test:**   1. Connect coach with any coach account. 2. Click on Appointments Management button. 3. Click on Add appointment button.   **Expected:**  *Create new appointment page is displayed with date, time and user for appointment.* | | NR |  |
| Final result | Execution date | XX/XX/XXXX | NR | |
| Tested version | Version 1.0 |
| Tester name | Tester name |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| MAN\_270 | Coach: appointments management test 2 | | Result | Comment |
| TC\_01 | **Test:**   1. Connect coach with any coach account. 2. Click on Appointments Management button. 3. Click on Add appointment button.   **Expected:**  *Create new appointment page is displayed with date, time and user for appointment.* | | NR |  |
| TC\_02 | **Test:**   1. Connect coach with any coach account. 2. Click on Appointments Management button. 3. Click on Add appointment button. 4. Enter correct information into all the page fields. 5. Click on submit button.   **Expected:**  *Success Alert is displayed and warns coach that appointment creation was a success. Return to Appointments management page.* | | NR |  |
| TC\_03 | **Test:**   1. Connect coach with any coach account. 2. Click on Appointments Management button. 3. Click on Add appointment button. 4. Enter incorrect information into all the page fields. 5. Click on submit button.   **Expected:**  *Error Alert is displayed and warns coach that appointment creation failed.* | | NR |  |
| Final result | Execution date | XX/XX/XXXX | NR | |
| Tested version | Version 1.0 |
| Tester name | Tester name |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| MAN\_280 | Coach: pokes display test | | Result | Comment |
| TC\_01 | **Test:**   1. Connect coach with any coach account. 2. Click on Pokes Management button.   **Expected:**  *Display the pokes management page with a list of all current pokes.* | | NR |  |
| Final result | Execution date | XX/XX/XXXX | NR | |
| Tested version | Version 1.0 |
| Tester name | Tester name |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| MAN\_290 | Coach: pokes check test | | Result | Comment |
| TC\_01 | **Test:**   1. Connect coach with any coach account. 2. Click on Pokes Management button. 3. Click any poke on the pokes list. 4. Check poke checkbox. 5. Click on validate button.   **Expected:**  *Display the pokes details page. Check the checkbox. Return to pokes management page with updated poke status is now checked.* | | NR |  |
| TC\_02 | **Test:**   1. Connect coach with any coach account. 2. Click on Pokes Management button. 3. Click any poke on the pokes list. 4. Uncheck poke checkbox. 5. Click on validate button.   **Expected:**  *Display the pokes details page. Uncheck the checkbox. Return to pokes management page with updated poke status is now not checked.* | | NR |  |
| Final result | Execution date | XX/XX/XXXX | NR | |
| Tested version | Version 1.0 |
| Tester name | Tester name |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| MAN\_300 | Coach: pokes delete test | | Result | Comment |
| TC\_01 | **Test:**   1. Connect coach with any coach account. 2. Click on Pokes Management button. 3. Click any poke on the pokes list. 4. Click on Delete poke button.   **Expected:**  *Display the pokes details page. Clicking on Delete poke button opens a confirmation Alert. If coach validate, poke is deleted and return to poke management page.* | | NR |  |
| Final result | Execution date | XX/XX/XXXX | NR | |
| Tested version | Version 1.0 |
| Tester name | Tester name |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| MAN\_310 | Coach: user home page | | Result | Comment |
| TC\_01 | **Test:**   1. Connect coach with any coach account. 2. Click on Users Management button.   **Expected:**  *Display the list of users and Add new user button and search user field.* | | NR |  |
| TC\_02 | **Test:**   1. Connect coach with any coach account. 2. Click on Users Management button. 3. Click on any user on users list.   **Expected:**  *Display the user details page with user first and last name, age, email, edit user button, delete user button, view user sessions button.* | | NR |  |
| Final result | Execution date | XX/XX/XXXX | NR | |
| Tested version | Version 1.0 |
| Tester name | Tester name |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| MAN\_320 | Coach: user search test | | Result | Comment |
| TC\_01 | **Test:**   1. Connect coach with any coach account. 2. Click on Users Management button.   **Expected:**  *Display the user details page with user first and last name, age, email, edit user button, delete user button.* | | NR |  |
| TC\_02 | **Test:**   1. Connect coach with any coach account. 2. Click on Users Management button. 3. Click on the search field and enter an existing user name. 4. Click on Search button.   **Expected:**  *Display the search user page. This page displays a list of users that matches with the search name.* | | NR |  |
| TC\_03 | **Test:**   1. Connect coach with any coach account. 2. Click on Users Management button. 3. Click on the search field and enter an existing user name. 4. Click on Search button.   **Expected:**  *Display the search user page with “No user corresponding to your search entry” message.* | | NR |  |
| Final result | Execution date | XX/XX/XXXX | NR | |
| Tested version | Version 1.0 |
| Tester name | Tester name |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| MAN\_330 | Coach: user profile test | | Result | Comment |
| TC\_01 | **Test:**   1. Connect coach with any coach account. 2. Click on Users Management button. 3. Click on any user on users list.   **Expected:**  *Display the user details page with user first and last name, age, email, edit user button, delete user button, view user sessions button.* | | NR |  |
| Final result | Execution date | XX/XX/XXXX | NR | |
| Tested version | Version 1.0 |
| Tester name | Tester name |
|  |  |  |  | |
| MAN\_340 | Coach: user sport program test | | Result | Comment |
| TC\_01 | **Test:**   1. Connect coach with any coach account. 2. Click on Users Management button. 3. Click on any user on users list. 4. Click on View user sessions button.   **Expected:**  *Display the user session page.* | | NR |  |
| TC\_02 | **Test:**   1. Connect coach with any coach account. 2. Click on Users Management button. 3. Click on any user on users list. 4. Click on View user sessions button. 5. Click on any user sport session.   **Expected:**  *Display the user program page.* | | NR |  |
| TC\_03 | **Test:**   1. Connect coach with any coach account. 2. Click on Users Management button. 3. Click on any user on users list. 4. Click on View user sessions button. 5. Click on any user sport session. 6. Click on any exercise from the program.   **Expected:**  *Display the exercise details page.* | | NR |  |
| Final result | Execution date | XX/XX/XXXX | NR | |
| Tested version | Version 1.0 |
| Tester name | Tester name |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| MAN\_350 | Coach: user sport session test | | Result | Comment |
| TC\_01 | **Test:**   1. Connect coach with any coach account. 2. Click on Users Management button. 3. Click on any user on users list. 4. Click on View user sessions button.   **Expected:**  *Display the user session page.* | | NR |  |
| TC\_02 | **Test:**   1. Connect coach with any coach account. 2. Click on Users Management button. 3. Click on any user on users list. 4. Click on View user sessions button. 5. Click on any user sport session.   **Expected:**  *Display the user program page.* | | NR |  |
| TC\_03 | **Test:**   1. Connect coach with any coach account. 2. Click on Users Management button. 3. Click on any user on users list. 4. Click on View user sessions button. 5. Click on any user sport session. 6. Click on any exercise from the program.   **Expected:**  *Display the exercise details page.* | | NR |  |
| Final result | Execution date | XX/XX/XXXX | NR | |
| Tested version | Version 1.0 |
| Tester name | Tester name |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| MAN\_360 | Coach: user exercise management test 1 | | Result | Comment |
| TC\_01 | **Test:**   1. Connect coach with any coach account. 2. Click on Exercises management button.   **Expected:**  *Display the exercises management page with a list of all exercises and add new exercise button.* | | NR |  |
| TC\_02 | **Test:**   1. Connect coach with any coach account. 2. Click on Exercises management button. 3. Click on add new exercise button.   **Expected:**  *Display the create new exercise page with fields: exercise name, description, descriptive video, link to machine picker.* | | NR |  |
| TC\_03 | **Test:**   1. Connect coach with any coach account. 2. Click on Exercises management button. 3. Click on add new exercise button. 4. Enter correct data into the required fields. 5. Click on Submit button.   **Expected:**  *Success exercise creation Alert is displayed to warn coach that exercise creation succeeds.* | | NR |  |
| TC\_04 | **Test:**   1. Connect coach with any coach account. 2. Click on Exercises management button. 3. Click on add new exercise button. 4. Enter incorrect data into the required fields. 5. Click on Submit button.   **Expected:**  *Error exercise creation Alert is displayed to warn coach that exercise creation failed.* | | NR |  |
| Final result | Execution date | XX/XX/XXXX | NR | |
| Tested version | Version 1.0 |
| Tester name | Tester name |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| MAN\_370 | Coach: user exercise management test 2 | | Result | Comment |
| TC\_01 | **Test:**   1. Connect coach with any coach account. 2. Click on Users Management button. 3. Click on any user on users list. 4. Click on View user sessions button. 5. Click on any user sport session. 6. Click on any exercise from the program.   **Expected:**  *Display the exercise details page.* | | NR |  |
| TC\_02 | **Test:**   1. Connect coach with any coach account. 2. Click on Users Management button. 3. Click on any user on users list. 4. Click on View user sessions button. 5. Click on any user sport session. 6. Click on any exercise from the program. 7. Change any field with correct value. 8. Click on Submit button.   **Expected:**  *Success exercise edition Alert is displayed. Return to user program page with exercise updated with new values.* | | NR |  |
| TC\_03 | **Test:**   1. Connect coach with any coach account. 2. Click on Users Management button. 3. Click on any user on users list. 4. Click on View user sessions button. 5. Click on any user sport session. 6. Click on any exercise from the program. 7. Change any field with incorrect value. 8. Click on Submit button.   **Expected:**  *Error editing exercise Alert is displayed.* | | NR |  |
| Final result | Execution date | XX/XX/XXXX | NR | |
| Tested version | Version 1.0 |
| Tester name | Tester name |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| MAN\_380 | Coach: user exercise management test 3 | | Result | Comment |
| TC\_01 | **Test:**   1. Connect coach with any coach account. 2. Click on Users Management button. 3. Click on any user on users list. 4. Click on View user sessions button. 5. Click on any user sport session. 6. Click on Add new exercise button.   **Expected:**  *Display the add new exercise page with user exercise list and all exercises list.* | | NR |  |
| TC\_02 | **Test:**   1. Connect coach with any coach account. 2. Click on Users Management button. 3. Click on any user on users list. 4. Click on View user sessions button. 5. Click on any user sport session. 6. Click on Add new exercise button. 7. Drag an exercise from all exercises list into user exercise list. 8. Click on Submit button.   **Expected:**  *Return to user exercises page. User exercises list is now updated with the new exercise.* | | NR |  |
| Final result | Execution date | XX/XX/XXXX | NR | |
| Tested version | Version 1.0 |
| Tester name | Tester name |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| MAN\_390 | Coach: user exercise management test 4 | | Result | Comment |
| TC\_01 | **Test:**   1. Connect coach with any coach account. 2. Click on Users Management button. 3. Click on any user on users list. 4. Click on View user sessions button. 5. Click on any user sport session. 6. Click on any exercise on exercises list. 7. Click on edit exercise button.   **Expected:**  *The edit exercise page must be displayed with exercises name, description, descriptive video link, submit and edit button.* | | NR |  |
| TC\_02 | **Test:**   1. Connect coach with any coach account. 2. Click on Users Management button. 3. Click on any user on users list. 4. Click on View user sessions button. 5. Click on any user sport session. 6. Click on any exercise on exercises list. 7. Click on edit exercise button. 8. Enter correct data into any fields. 9. Click on Submit button.   **Expected:**  *Success edit exercise Alert must be displayed.* *In the user exercise list, the exercise must be now updated with new values.* | | NR |  |
| TC\_03 | **Test:**   1. Connect coach with any coach account. 2. Click on Users Management button. 3. Click on any user on users list. 4. Click on View user sessions button. 5. Click on any user sport session. 6. Click on Add new exercise button. 7. Click on edit exercise button. 8. Enter correct data into any fields. 9. Click on Submit button.   **Expected:**  *Error edit exercise Alert must be displayed.* | | NR |  |
| TC\_04 | **Test:**   1. Connect coach with any coach account. 2. Click on Users Management button. 3. Click on any user on users list. 4. Click on View user sessions button. 5. Click on any user sport session. 6. Click on any exercise on exercises list. 7. Click on delete button.   **Expected:**  *A confirmation alert is display. If Coach validate, the exercise is deleted and return to user exercises list page.* | | NR |  |
| Final result | Execution date | XX/XX/XXXX | NR | |
| Tested version | Version 1.0 |
| Tester name | Tester name |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| MAN\_400 | Coach: user progress test 1 | | Result | Comment |
| TC\_01 | **Test:**   1. Connect coach with any coach account. 2. Click on Users Management button. 3. Click on any user on users list. 4. Click on View user sessions progress.   **Expected:**  *Display user progress page.* | | NR |  |
| Final result | Execution date | XX/XX/XXXX | NR | |
| Tested version | Version 1.0 |
| Tester name | Tester name |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| MAN\_410 | Coach: user progress test 2 | | Result | Comment |
| TC\_01 | **Test:**   1. Connect coach with any coach account. 2. Click on Users Management button. 3. Click on any user on users list. 4. Click on View user sessions progress. 5. Click on View old entries button.   **Expected:**  *Display user progress old entries.* | | NR |  |
| Final result | Execution date | XX/XX/XXXX | NR | |
| Tested version | Version 1.0 |
| Tester name | Tester name |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| MAN\_420 | Coach: user progress test 3 | | Result | Comment |
| TC\_01 | **Test:**   1. Connect coach with any coach account. 2. Click on Users Management button. 3. Click on any user on users list. 4. Click on View user sessions progress. 5. Click on any entry.   **Expected:**  *Display entry details page.* | | NR |  |
| TC\_02 | **Test:**   1. Connect coach with any coach account. 2. Click on Users Management button. 3. Click on any user on users list. 4. Click on View user sessions progress. 5. Click on any entry. 6. Click on Delete entry button.   **Expected:**  *Confirmation Alert is displayed. If coach validate, delete the entry. Return to user progress page.* | | NR |  |
| Final result | Execution date | XX/XX/XXXX | NR | |
| Tested version | Version 1.0 |
| Tester name | Tester name |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| MAN\_430 | Test title | | Result | Comment |
| TC\_01 | **Test:**   1. Connect coach with any coach account. 2. Click on Users Management button. 3. Click on any user on users list. 4. Click on View user sessions progress. 5. Click on Add new entry button.   **Expected:**  *Display Add new entry page.* | | NR |  |
| TC\_02 | **Test:**   1. Connect coach with any coach account. 2. Click on Users Management button. 3. Click on any user on users list. 4. Click on View user sessions progress. 5. Click on Add new entry button. 6. Enter correct data in all fields. 7. Click on Submit button.   **Expected:**  *Success new entry Alert is displayed to warn coach that user entry creation succeeds. Return to user progress page.* | | NR |  |
| TC\_03 | **Test:**   1. Connect coach with any coach account. 2. Click on Users Management button. 3. Click on any user on users list. 4. Click on View user sessions progress. 5. Click on Add new entry button. 6. Enter incorrect data in all fields. 7. Click on Submit button.   **Expected:**  *Error new entry Alert is displayed to warn coach that user entry creation Failed.* | | NR |  |
| Final result | Execution date | XX/XX/XXXX | NR | |
| Tested version | Version 1.0 |
| Tester name | Tester name |

# Automatic tests

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| AUTO\_010 | Test title | | Result | Comment |
| TC\_01 | Description TC\_01 | | OK |  |
| TC\_02 | Description TC\_02 | | KO |  |
|  |  | | POK |  |
|  |  | | NR |  |
|  |  | | NA |  |
| Final result | Execution date | XX/XX/XXXX | POK | |
| Tested version | Version id |
| Tester name | Tester name |

# Traceability matrix

This matrix makes the correspondence between components, classes, functions and requirements developed in the request for proposal.

|  |  |  |  |
| --- | --- | --- | --- |
| Id test | Test title | Id requirement | Requirement description |
| MAN\_010 | Create account test | REQ\_FUNC\_010 | A user must create an account with email address, a first name, a last name, and a password. The user can also optionally enter his age. |
| MAN\_020 | Sign in test | REQ\_FUNC\_020 | A user / coach / administrator must be able to sign-in in the application. |
| MAN\_030 | User: home page test | REQ\_FUNC\_030 | A user must be able to consult in the home page:   * His sport program designed by his coach * His progress reported in follow-up with the coach (mass, body fat, etc.) * The appointments calendar of his coach * An event page * A setting page |
| MAN\_040 | User: session test | REQ\_FUNC\_040 | A user must be able to choose the session he wants to perform in the program page. |
| MAN\_050 | User: exercise details display test | REQ\_FUNC\_050 | A user must be able to consult the details of an exercise in a chosen session page. |
| MAN\_060 | User: exercise details information test | REQ\_FUNC\_060 | A user must be able to consult in a chosen exercise:   * An explanatory video of the exercise (optional) * The exercises of substitutions (optional) * The machine details page (optional) * A dashboard with the advised weight, the current used weight, the recovery time and the number of repetitions and occurrences for this exercise |
| MAN\_061 | User: exercise weight test | REQ\_FUNC\_061 | A user must be able to edit the current used weight of a chosen exercise |
| MAN\_070 | User: machine details test | REQ\_FUNC\_070 | In a machine detail page, a user must:   * Consult a descriptive video of the machine (optional) * Report a broken machine * Poke a coach for help with the machine |
| MAN\_080 | User: progress test | REQ\_FUNC\_080 | In the progress page, the user must be able to:   * Filter his progress by category (fat mass, total mass, water mass, etc.) * Filter his progress in time (one week, one month, all, etc.) |
| MAN\_090 | User: appointments test | REQ\_FUNC\_090 | In the coach appointment page, the user must be able to:   * Choose an appointment slot with his coach * Delete an appointment with his coach * Add a comment when appointing with his coach |
| MAN\_091 | User: event display test | REQ\_FUNC\_091 | In the event page, the user must be able to see all the available event, sorted by date |
| MAN\_092 | User: event subscribe test | REQ\_FUNC\_092 | In the event page, the user must be able to subscribe to an event |
| MAN\_100 | User: settings test | REQ\_FUNC\_100 | In the setting page, the user must be able to:   * Choose his sports center * Enable or disable the notification |
| MAN\_110 | Administrator: team management test | REQ\_FUNC\_110 | An administrator must be able to access to the team management page from the home page |
| MAN\_120 | Administrator: add coach test | REQ\_FUNC\_120 | An administrator must be able to add a coach in the team management page by entering a first name, a last name, an email and a password for this new user |
| ~~MAN\_130~~ | ~~Administrator: floor management display test~~ | ~~REQ\_FUNC\_130~~ | ~~An administrator must be able to access to the floor management page from the homepage~~ |
| ~~MAN\_140~~ | ~~Administrator: floor management details test~~ | ~~REQ\_FUNC\_140~~ | ~~An administrator must be able to add, remove or edit a floor from the floor management page~~ |
| ~~MAN\_150~~ | ~~Administrator: floor management add floor test~~ | ~~REQ\_FUNC\_150~~ | ~~An administrator must be able to add a name to a floor from the floor edition page~~ |
| MAN\_160 | Administrator: floor management add machine test | REQ\_FUNC\_160 | An administrator must be able to add, remove or edit a machine in the machine list from the floor edition page |
| MAN\_170 | Administrator: floor management add machine details test | REQ\_FUNC\_170 | An administrator must be able to add a machine name, a machine description and a presentative video on the machine edition page. |
| ~~MAN\_180~~ | ~~Administrator: floor management add machine on floor test~~ | ~~REQ\_FUNC\_180~~ | ~~An administrator must be able to drag a machine from the machine list to the floor map on the floor edition page~~ |
| ~~MAN\_190~~ | ~~Administrator: floor management draw floor test~~ | ~~REQ\_FUNC\_190~~ | ~~An administrator must be able to draw the shape of the floor from the floor edition page~~ |
| MAN\_200 | Administrator: display events test | REQ\_FUNC\_200 | An administrator must be able to access to the event page from the homepage |
| MAN\_210 | Administrator: events management test | REQ\_FUNC\_210 | An administrator must be able to add, remove or edit an event from the event page |
| MAN\_220 | Administrator: event detail test | REQ\_FUNC\_220 | An administrator must be able to enter an event name, an event description, an event date and hours range, and to enable the notification system by checking the notification box |
| ~~MAN\_230~~ | ~~Administrator: event notification test~~ | ~~REQ\_FUNC\_230~~ | ~~If the notification box is checked, all the user must receive a notification on the confirmation of the event creation / edition~~ |
| ~~MAN\_240~~ | ~~Administrator: machine state test~~ | ~~REQ\_FUNC\_240~~ | ~~An administrator and a coach must be able to see the machines states (broken or not) on every machine on the floor map from the floor management page, and to edit-it by simply clicking on the machine.~~ |
| MAN\_250 | Coach: appointments display test | REQ\_FUNC\_250 | A coach must be able to access to his appointments page from his homepage |
| MAN\_260 | Coach: appointments management test 1 | REQ\_FUNC\_260 | A coach must be able to open, close or edit an appointment slot on the appointments page |
| MAN\_270 | Coach: appointments management test 2 | REQ\_FUNC\_270 | A coach must be able to add a date and an hour range to a slot |
| MAN\_280 | Coach: pokes display test | REQ\_FUNC\_280 | A coach must be able to access to the poke page from his homepage |
| MAN\_290 | Coach: pokes check test | REQ\_FUNC\_290 | A coach must be able to check every poke sent by the users |
| MAN\_300 | Coach: pokes delete test | REQ\_FUNC\_300 | A coach must be able to delete a completed poke |
| MAN\_310 | Coach: user home page | REQ\_FUNC\_310 | A coach must be able to access to the user page from the home page |
| MAN\_320 | Coach: user search test | REQ\_FUNC\_320 | coach must be able search a user by its name from the user page |
| MAN\_330 | Coach: user profile test | REQ\_FUNC\_330 | A coach must be able to access to the user profile page by clicking on a user from the user page |
| MAN\_340 | Coach: user sport program test | REQ\_FUNC\_340 | A coach must be able to access to the user sport program page form the user profile page |
| MAN\_350 | Coach: user sport session test | REQ\_FUNC\_350 | A coach must be able to access to the user sport sessions pages from the user program page |
| MAN\_360 | Coach: user exercise management test 1 | REQ\_FUNC\_360 | A coach must be able to add to an exercise in the exercise list by entering the name of the exercise, a description of the exercise, a descriptive video link, and linking the exercise to an existing machine |
| MAN\_370 | Coach: user exercise management test 2 | REQ\_FUNC\_370 | A coach must be able to set the weight, the recovery time and the number of repetitions in the dashboard of the user exercise |
| MAN\_380 | Coach: user exercise management test 3 | REQ\_FUNC\_380 | A coach must be able to drag an exercise from the exercise list to the user session board |
| MAN\_390 | Coach: user exercise management test 4 | REQ\_FUNC\_390 | A coach must be able to edit or remove an existing exercise on the list |
| MAN\_400 | Coach: user progress test 1 | REQ\_FUNC\_400 | A coach must be able to access to the user progress page |
| MAN\_410 | Coach: user progress test 2 | REQ\_FUNC\_410 | A coach must be able to see every old entry on the progress page |
| MAN\_420 | Coach: user progress test 3 | REQ\_FUNC\_420 | A coach must be able to remove or edit an existing entry |
| MAN\_430 | Coach: user progress test 4 | REQ\_FUNC\_430 | A coach must be able to add a new entry by entering:   * Total body mass (mandatory) * Body fat * Body muscle * Body water * A comment |