

# Test scenarios

When testing, the main task is to fully verify the performance. At the same time, we need to remember that we usually cannot spend a lot of time testing, so we need to find a balance between the quality of the test and the time it takes to complete it.

There is a method where one test checks one requirement. This approach is appropriate when there is no time limit for testing or when we are testing new functionality. This method is very good when we create a "traceability matrix".

Another method is also possible, in which we perform many checks in one test. This method is preferred for regression testing because checks the main functionality, spending less time.

In the examples given, I used both the method of checking one condition / requirement at a time (checking the login / password and "Plan settings"), and several checks at a time (testing the "Statistics" widget).

As part of the assignment, it was proposed to prepare 3 test scenarios and automate one of them, but I did a little more, because. in my opinion, checking the login / password combination is a mandatory test in a set of automated tests. This is not a complete set of tests for checking login and password input fields. The set may include checks for the validity of the login and password input fields (presence of the required characters, length, etc.)

Also, as required tests, tests were made to check the functionality of "Plan settings" and test the widget "Statistics"

I note that the proposed tests are far from a complete set of tests for this functionality.

1. A set of tests for checking the login / password.

*(These tests can be done in any order, as the tests describe the precondition necessary for the test. But the order described here will be the fastest)*

- a. "Incorrect login and incorrect password" - checking that when entering a combination of login and password that does not exist in the system, the system displays a warning and does not log in.
- b. "Correct login and incorrect password" - checking that when entering a login that is available in the system and an incorrect password, the system displays a warning and does not log in.
- c. "Incorrect login and correct password" - checking that when entering a login that is not in the system and a password for which there is a combination with a valid login, the system displays a warning and does not log in. This test may be excluded because it checks almost the same functionality as the "Incorrect login and incorrect password" test - checking for the existence of the entered login in the system. But the decision to conduct or exclude this test is best taken after consultation with the developers / PM (we do not know how the user validation function is implemented).

- d. "Correct login and password" - a completely positive case with the correct combination of login and password.
2. Checking the functionality of "Plan settings"
  - a. "Adding workouts days" - checking if the selected workouts days are displayed correctly. In addition, checking the maximum possible number of workouts days per week
  - b. "Reducing workouts days" - checking the correct display of the selected workouts days. In addition, checking the minimum possible number of workouts days per week
3. Checking the "Statistics" widget
  - a. "Adding information about the completed lesson" - checking that when you fully view the proposed video, information about the lesson and calories burned is correctly displayed on the "Statistics" widget

## 1. Login / Password

### **Name:**

"Incorrect login and incorrect password"

### **Precondition:**

Page opened "<https://www.gymondo.com/en/>"

Not logged in yet

The combination of login and password is missing in the system

login - 123456@gmail.com

password - qweasdzxc

### **Steps:**

No	Steps	Expected Result
1	Push button "Log in"	A modal window "Log in" will open
2	Pay attention to the button "LOG IN"	Button is not active
3	1. In the input field "Enter e-mail address" enter: <a href="mailto:123456@gmail.com">123456@gmail.com</a> 2. In the input field "Enter your password" enter: qweasdzxc	1. Entered values accepted 2. "LOG IN" button active
4	Push button "LOG IN"	1. The warning "The username or password you have entered is invalid. Please try again." 2. Login failed

### **Name:**

"Correct login and incorrect password"

**Precondition:**

Page opened "<https://www.gymondo.com/en/>"

Not logged in yet

Login exists in the system, but with a different password

login - [qa-prod1@gymondo.de](mailto:qa-prod1@gymondo.de)

password- qweasdzxc

**Steps:**

No	Steps	Expected Result
1	Push button "Log in"	A modal window "Log in" will open
2	Pay attention to the button "LOG IN"	Button is not active
3	1. In the input field "Enter e-mail address" enter: <a href="mailto:qa-prod1@gymondo.de">qa-prod1@gymondo.de</a> 2. In the input field "Enter your password" enter: qweasdzxc	1. Entered values accepted 2. "LOG IN" button active
4	Push button "LOG IN"	1. The warning "The username or password you have entered is invalid. Please try again." 2. Login failed

**Name:**

"Incorrect login and correct password"

**Precondition:**

Page opened "<https://www.gymondo.com/en/>"

Not logged in yet

The specified login is not in the system, but the specified password is used when authorizing another account

login - [123456@gmail.com](mailto:123456@gmail.com)

password - purpleSquid22!

**Steps:**

No	Steps	Expected Result
1	Push button "Log in"	A modal window "Log in" will open
2	Pay attention to the button "LOG IN"	Button is not active
3	1. In the input field "Enter e-mail address" enter: <a href="mailto:123456@gmail.com">123456@gmail.com</a> 2. In the input field "Enter your password"	1. Entered values accepted 2. "LOG IN" button active

	enter: purpleSquid22!	
4	Push button "LOG IN"	1. The warning "The username or password you have entered is invalid. Please try again." 2. Login failed

**Name:**

"Correct login and password"

**Precondition:**

Page opened "<https://www.gymondo.com/en/>"

Not logged in yet

Login and password combination is correct

login - [qa-prod1@gymondo.de](mailto:qa-prod1@gymondo.de)

password - purpleSquid22!

**Steps:**

No	Steps	Expected Result
1	Push button "Log in"	A modal window "Log in" will open
2	Pay attention to the button "LOG IN"	Button is not active
3	1. In the input field "Enter e-mail address" enter: <a href="mailto:qa-prod1@gymondo.de">qa-prod1@gymondo.de</a> 2. In the input field "Enter your password" enter: purpleSquid22!	1. Entered values accepted 2. "LOG IN" button active
4	Push button "LOG IN"	Logging in: The "My plan" page is displayed

## 2. Plan settings

**Name:**

"Plan settings. Adding workouts days"

**Precondition:**

Page opened [www.gymondo.com/train/timeline](https://www.gymondo.com/train/timeline)

Logged in

login - [qa-prod1@gymondo.de](mailto:qa-prod1@gymondo.de)

password - purpleSquid22!

New training program created

**Steps:**

№	Steps	Expected Result
1	Push button "Plan settings"	A modal window "Plan settings" will open
2	Pay attention to the button "Save"	Button is not active
3	Mark all days	1. The maximum number of marked days is 6 2. Button "Save" - active
4	Push button "Save"	1. Modal window "Plan settings" closed
5	Push button "Plan settings"	1. A modal window "Plan settings" will open 2. The days marked on the "step 3" are displayed

**Name:**

"Plan settings.Reducing workouts days"

**Precondition:**

Page opened [www.gymondo.com/train/timeline](http://www.gymondo.com/train/timeline)

Logged in

login - [ga-prod1@gymondo.de](mailto:ga-prod1@gymondo.de)

password - purpleSquid22!

New training program created

**Steps:**

№	Steps	Expected Result
1	Push button "Plan settings"	A modal window "Plan settings" will open
2	Pay attention to the button "Save"	Button is not active
3	Uncheck all days	1. The minimum number of marked days is 1 2. Button "Save" - active
4	Push button "Save"	1. Modal window "Plan settings" closed
5	Push button "Plan settings"	1. A modal window "Plan settings" will open 2. The days marked on the "step 3" are displayed

### 3. "Statistics" widget

**Name:**

"Adding information about the completed lesson"

**Precondition:**

Page opened [www.gymondo.com/train/timeline](http://www.gymondo.com/train/timeline)

Logged in

login - [ga-prod1@gymondo.de](mailto:ga-prod1@gymondo.de)

password - purpleSquid22!

Training program active

At least one day is marked on the calendar

**Steps:**

No	Steps	Expected Result
1	Pay attention to the data in the widget "Statistics": 1. Workouts completed 2. Total calories burned	Save / write displayed data
2	In the list of days, click on workout day	The video of the activity for that day will start to display
3	Click on video	Playback will start
4	Watch the video or skip to the end	A window will appear asking for the number of repetitions
5	Click "Skip"	A window with workout details will be displayed.
6	Pay attention to the number of kilocalories	Save / write displayed data
7	Close a window	The "My plan" page will be displayed
8	Pay attention to the data in the "Statistics" widget: 1. Workout completed 2. Total calories burned	The data has changed: 1. Workouts completed increased by one 2. Total calories burned increased by the kilocalorie value from "step 6"