

Test plan

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Location: Fontys R10

Members: Danko Kralski

Tutors: Jessie Chua, Frank de Lepper, Andre Postma

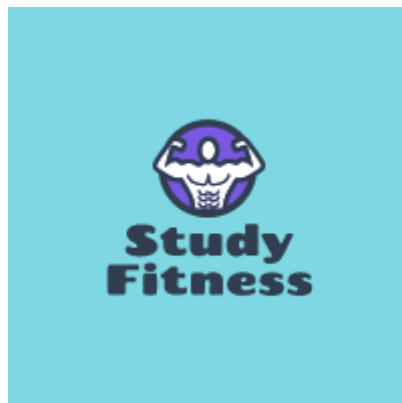


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Instructions

To use the Windows Form application these steps must be done:

1. Start the application called "Study Fitness(App)".
2. Enter Admin login data -> username: Admin password: 1234.

To use the Website these steps must be done:

1. Start the application called "Study Fitness(App)" or use this link: (link?)

Test cases

Windows Forms:

ID	UC	Name	Pre-condition	Test data	Expected result
TC-01	UC01	Create a new exercise	The admin has started the app and has logged in.	Type Ex: LowerBodyExercise Name: Squats Difficulty: medium Equipment: bar NumReps: 8 Weight: 50 Specialty: both legs	Confirmation for successfully creating an exercise.
ID	UC	Name	Pre-condition	Test data	Expected result
TC-02	UC01	Create a new exercise with incorrect data	The admin has started the app and has logged in.	Type Ex: My exercise Name: Squats Difficulty: medium Equipment: bar NumReps: 8 Weight: 50 Specialty: both legs	An error message is shown that the exercise was not successfully created due to incorrect data -> There is no such type of exercise called "My exercise".
ID	UC	Name	Pre-condition	Test data	Expected result
TC-03	UC01	Create a new exercise that already exists	The admin has started the app and has logged in. An exercise called "Squats" has already been created.	Type Ex: LowerBodyExercise Name: Squats Difficulty: medium Equipment: bar NumReps: 8 Weight: 50 Specialty: both legs	An error message is shown that the exercise already exists.

ID	UC	Name	Pre-condition	Test data	Expected result
TC-04	UC02	Edit the data of an existing exercise	The admin has started the app and has logged in. An exercise called "Squats" has already been created.	Ex Name: Squats Difficulty: hard Reps: 5 Weight: 100	Confirmation that the exercise has been changed.
TC-05	UC03	Delete an exercise	The admin has started the app and has logged in. An exercise called "Squats" has already been created.	Ex Name: Squats	Confirmation that the exercise has been deleted.
ID	UC	Name	Pre-condition	Test data	Expected result
TC-06	UC04	Search for an existing exercise	The admin has started the app and has logged in. An exercise called "Squats" has already been created.	Ex Name: Squats	The admin can see the exercise on the screen.

Website:

ID	UC	Name	Pre-condition	Test data	Expected result
TC-07	UC06	Calculate BMI using the BMI calculator	The user has opened the BMI page	Choose a gender: male Age:17 Height: 170 Weight: 80	The user can see their result on the screen (You are a Male (age: 17) with BMI: 27,68166089965398).
ID	UC	Name	Pre-condition	Test data	Expected result
TC-08	UC06	Calculate BMI using the BMI calculator but not filling all the required data	The user has opened the BMI page	Choose a gender: male Age:17 Height: Weight:	The user can see a message that points out that there are required details that are missing.
ID	UC	Name	Pre-condition	Test data	Expected result
TC-09	UC06	Calculate TDEE using the TDEE calculator	The user has opened the TDEE page	Choose a gender: male Age:17 Height: 170 Weight: 80 Level of activity: low	The user can see their result on the screen (You are a male (age: 17) with TDEE: 2260).

ID	UC	Name	Pre-condition	Test data	Expected result
TC-10	UC06	Calculate TDEE using the TDEE calculator but not filling all the required data	The user has opened the TDEE page	Choose a gender: male Age:17 Height: Weight: Level of activity: low	The user can see a message that points out that there are required details that are missing.

ID	UC	Name	Pre-condition	Test data	Expected result
TC-11	UC08	Login as a member	The user has opened the MyAccount page	Username: user Password: 1234	The user can see their personal page.

ID	UC	Name	Pre-condition	Test data	Expected result
TC-12	UC09	Login as a manager	The user has opened the MyAccount page	Username: admin Password: 1234	The user can see the manager page.

ID	UC	Name	Pre-condition	Test data	Expected result
TC-13	UC10	See exercise details.	The user has opened the Exercise page	Select an exercise and press "view details".	The user can see details of the chosen exercise.

ID	UC	Name	Pre-condition	Test data	Expected result
TC-14	UC08	Incorrect login for member.	The user has opened the MyAccount page	Username: userrrrr Password: 1234	The user can see an error message that the login credentials are incorrect.

ID	UC	Name	Pre-condition	Test data	Expected result
TC-15	UC09	Incorrect login for manager.	The user has opened the MyAccount page	Username: userrrrr Password: 1234	The manager can see an error message that the login credentials are incorrect.