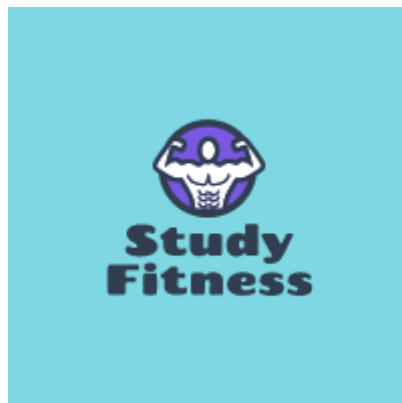# Test plan

Date: 24.2.2023

Location: Fontys R10

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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 one of the following:
   - Manager login data -> username: Admin   password: 1234.
   - Trainer data -> username: Trainer   password: 1234.
   - User data -> username: User   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

ID	UC	Name	Pre-condition	Test data	Expected result
TC-01	UC01	Create a new exercise	The Manager has logged in.	Type Ex: LowerBodyExercise Name: Squats Difficulty: medium Equipment: bar NumReps: 8 Weight: 50 Specialty: both legs PictureURL: http/...	Confirmation for successfully creating an exercise.

ID	UC	Name	Pre-condition	Test data	Expected result
TC-02	UC01	Create a new exercise with incorect data	The Manager has logged in.	Type Ex: My exercise Name: Squats Difficulty: medium Equipment: bar NumReps: 8 Weight: 50 Specialty: both legs PictureURL: http/...	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 exercise that already exists	The Manager 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 PictureURL: http/...	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 Manager 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 Manager 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 Manager has logged in. An exercise called "Squats" has already been created.	Ex Name: Squats	The admin can see the exercise on the screen.

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: 27,68).

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.

ID	UC	Name	Pre-condition	Test data	Expected result
TC-16	UC11	Create a new cardio	The Manager has started the app and has logged in.	Name: Running 2km Difficulty: Beginner Calories: 100 PicturURL: http//..	Confirmation for successfully creating a cardio.

ID	UC	Name	Pre-condition	Test data	Expected result
TC-17	UC11	Create a new cardio with incorect data	The Manager has started the app and has logged in.	Name: Running 2km Difficulty: Beginner Calories: -100 PicturURL: http//..	An error message is shown that the cardio was not successfully created due to incorrect data -> Calories cannot be negative.

ID	UC	Name	Pre-condition	Test data	Expected result
TC-18	UC11	Create a new cardio that already exists	The Manager has started the app and has logged in. An exercise called "Running 2km" has already been created.	Name: Running 2km Difficulty: Beginner Calories: -100 PicturURL: http//..	An error message is shown that the cardio already exists.

ID	UC	Name	Pre-condition	Test data	Expected result
TC-19	UC12	Edit the data of an existing cardio	The Manager has started the app and has logged in. An exercise called "Running 2km" has already been created.	Name: Running 4km Difficulty: Intermediate Calories: 150 PictureURL: http/..	Confirmation that the cardio has been changed.
TC-20	UC13	Delete a cardio	The Manager has started the app and has logged in. An cardio called "Running 4km" has already been created.	Name: Running 4km	Confirmation that the cardio has been deleted.

ID	UC	Name	Pre-condition	Test data	Expected result
TC-21	UC14	Search for an existing cardio	The Manager has started the app and has logged in. An exercise called "Running 4km" has already been created.	Ex Name: Running 4km	The admin can see the cardio on the screen.

ID	UC	Name	Pre-condition	Test data	Expected result
TC-22	UC16	Create a new user	The Manager has started the app and has logged in or Customer wants to create an account.	First Name: Gosho Username: GOGO Password: 1234	Confirmation for successfully creating a user.

ID	UC	Name	Pre-condition	Test data	Expected result
TC-23	UC16	Create a new user that already exists	The Manager has started the app and has logged in or Customer wants to create an account. User with username "GOGO" exists.	Username: GOGO FIrstName: Ivo Password: 123	An error message is shown that the user already exists.

ID	UC	Name	Pre-condition	Test data	Expected result
TC-24	UC17	Edit data of user	The Manager has started the app and has logged in or Customer wants to create an account. User with username "GOGO" has already been created.	First Name: Ivo 2	Confirmation that data has been changed.

ID	UC	Name	Pre-condition	Test data	Expected result
TC-25	UC18	Delete user	The Manager has started the app and has logged in or Customer wants to create an account. User with username "GOGO" has already been created.		Confirmation that the user has been deleted.