Test plan

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Location: Fontys R10

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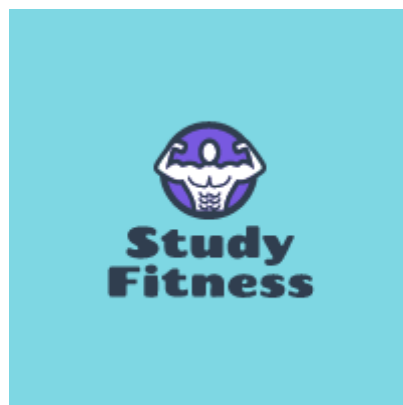
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Instructions

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

1. Start the application called "Study_Fitness(app)".
2. Enter Admin login data -> email: admin@email.com   password: 1234.

To use the Website these steps must be done:

1. Start the application called "Study Fitness(Website)".

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 incorect 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.

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.

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.

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.