

Test plan

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Location: Fontys R10

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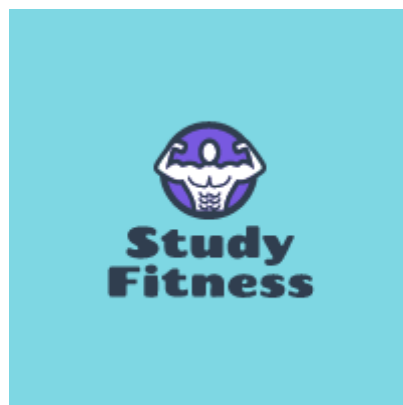


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Instructions

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(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. |