Test plan

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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 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

ID	UC	Name	Pre-condition	Test data	Expected result
TC-01	UC01	Create a new exercise	The admin has started the app	Type Ex:	Confirmation for successfully creating an exercise.
			and has logged in.	LowerBodyExercise	, -
				Name: Squats	
				Difficulty: medium	
				Equipment: bar	
				NumReps: 8	
				Weight: 50	
				Specialty: both legs	
				PictureURL: http/	
ID	UC	Name	Pre-condition	Test data	Expected result
TC-02	UC01	Create a new exercise with	The admin has started the app	Type Ex: My exercise	An error message is shown that the exercise was not
		incorect data	and has logged in.	Name: Squats	successfully created due to incorrect data -> There is no
				Difficulty: medium	such type of exercise called "My exercise".
				Equipment: bar	
				NumReps: 8	
				Weight: 50	
				Specialty: both legs	
				PictureURL: http/	
ID	LIC	Name	Pre-condition	Test data	Expected result
ID TC-03	UC UC01	Name Create a new exercise that	Pre-condition The admin has started the app	Test data	Expected result An error message is shown that the exercise already
TC-03	UC UC01	Create a new exercise that	The admin has started the app	Type Ex:	An error message is shown that the exercise already
			The admin has started the app and has logged in. An exercise	Type Ex: LowerBodyExercise	
		Create a new exercise that	The admin has started the app	Type Ex: LowerBodyExercise Name: Squats	An error message is shown that the exercise already
		Create a new exercise that	The admin has started the app and has logged in. An exercise called "Squats" has already been	Type Ex: LowerBodyExercise Name: Squats Difficulty: medium	An error message is shown that the exercise already
		Create a new exercise that	The admin has started the app and has logged in. An exercise called "Squats" has already been	Type Ex: LowerBodyExercise Name: Squats Difficulty: medium Equipment: bar	An error message is shown that the exercise already
		Create a new exercise that	The admin has started the app and has logged in. An exercise called "Squats" has already been	Type Ex: LowerBodyExercise Name: Squats Difficulty: medium Equipment: bar NumReps: 8	An error message is shown that the exercise already
		Create a new exercise that	The admin has started the app and has logged in. An exercise called "Squats" has already been	Type Ex: LowerBodyExercise Name: Squats Difficulty: medium Equipment: bar NumReps: 8 Weight: 50	An error message is shown that the exercise already
		Create a new exercise that	The admin has started the app and has logged in. An exercise called "Squats" has already been	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
		Create a new exercise that	The admin has started the app and has logged in. An exercise called "Squats" has already been	Type Ex: LowerBodyExercise Name: Squats Difficulty: medium Equipment: bar NumReps: 8 Weight: 50	An error message is shown that the exercise already
TC-03	UC01	Create a new exercise that already exists Name	The admin has started the app and has logged in. An exercise called "Squats" has already been created. Pre-condition	Type Ex: LowerBodyExercise Name: Squats Difficulty: medium Equipment: bar NumReps: 8 Weight: 50 Specialty: both legs PictureURL: http/ Test data	An error message is shown that the exercise already
TC-03	UC01	Create a new exercise that already exists Name Edit the data of an existing	The admin has started the app and has logged in. An exercise called "Squats" has already been created. Pre-condition The admin has started the app	Type Ex: LowerBodyExercise Name: Squats Difficulty: medium Equipment: bar NumReps: 8 Weight: 50 Specialty: both legs PictureURL: http/ Test data Ex Name: Squats	An error message is shown that the exercise already exists.
TC-03	UC01	Create a new exercise that already exists Name	The admin has started the app and has logged in. An exercise called "Squats" has already been created. Pre-condition The admin has started the app and has logged in. An exercise	Type Ex: LowerBodyExercise Name: Squats Difficulty: medium Equipment: bar NumReps: 8 Weight: 50 Specialty: both legs PictureURL: http/ Test data Ex Name: Squats Difficulty: hard	An error message is shown that the exercise already exists. Expected result
TC-03	UC01	Create a new exercise that already exists Name Edit the data of an existing	The admin has started the app and has logged in. An exercise called "Squats" has already been created. Pre-condition The admin has started the app and has logged in. An exercise called "Squats" has already been	Type Ex: LowerBodyExercise Name: Squats Difficulty: medium Equipment: bar NumReps: 8 Weight: 50 Specialty: both legs PictureURL: http/ Test data Ex Name: Squats Difficulty: hard Reps: 5	An error message is shown that the exercise already exists. Expected result
TC-03	UC01	Create a new exercise that already exists Name Edit the data of an existing	The admin has started the app and has logged in. An exercise called "Squats" has already been created. Pre-condition The admin has started the app and has logged in. An exercise	Type Ex: LowerBodyExercise Name: Squats Difficulty: medium Equipment: bar NumReps: 8 Weight: 50 Specialty: both legs PictureURL: http/ Test data Ex Name: Squats Difficulty: hard	An error message is shown that the exercise already exists. Expected result
TC-03	UC01	Create a new exercise that already exists Name Edit the data of an existing	The admin has started the app and has logged in. An exercise called "Squats" has already been created. Pre-condition The admin has started the app and has logged in. An exercise called "Squats" has already been	Type Ex: LowerBodyExercise Name: Squats Difficulty: medium Equipment: bar NumReps: 8 Weight: 50 Specialty: both legs PictureURL: http/ Test data Ex Name: Squats Difficulty: hard Reps: 5	An error message is shown that the exercise already exists. Expected result
TC-03	UC01	Create a new exercise that already exists Name Edit the data of an existing	The admin has started the app and has logged in. An exercise called "Squats" has already been created. Pre-condition The admin has started the app and has logged in. An exercise called "Squats" has already been	Type Ex: LowerBodyExercise Name: Squats Difficulty: medium Equipment: bar NumReps: 8 Weight: 50 Specialty: both legs PictureURL: http/ Test data Ex Name: Squats Difficulty: hard Reps: 5	An error message is shown that the exercise already exists. Expected result
TC-03	UC01	Create a new exercise that already exists Name Edit the data of an existing	The admin has started the app and has logged in. An exercise called "Squats" has already been created. Pre-condition The admin has started the app and has logged in. An exercise called "Squats" has already been	Type Ex: LowerBodyExercise Name: Squats Difficulty: medium Equipment: bar NumReps: 8 Weight: 50 Specialty: both legs PictureURL: http/ Test data Ex Name: Squats Difficulty: hard Reps: 5	An error message is shown that the exercise already exists. Expected result
TC-03	UC01	Create a new exercise that already exists Name Edit the data of an existing	The admin has started the app and has logged in. An exercise called "Squats" has already been created. Pre-condition The admin has started the app and has logged in. An exercise called "Squats" has already been	Type Ex: LowerBodyExercise Name: Squats Difficulty: medium Equipment: bar NumReps: 8 Weight: 50 Specialty: both legs PictureURL: http/ Test data Ex Name: Squats Difficulty: hard Reps: 5	An error message is shown that the exercise already exists. Expected result

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	4
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.	
ID	UC	Nama	Pre-condition	Test data	Even stand one olt	-
TC-07	UC06	Name Calculate BMI using the BMI calculator	The user has opened the BMI page	Choose a gender: male Age:17 Height: 170 Weight: 80	Expected result 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	Г
	TC-13	UC10	See exercise details.	The user has opened the	Select an exercise and	The user can see details of the chosen exercise.	
\Box				Exercise page	press "view details".		
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_	ID	UC	Name	Pre-condition	Test data	Expected result	t
+	TC-14	UC08	Incorrect login for member.	The user has opened the	Username: userrrrr	The user can see an error message that the login	┪
\dashv				MyAccount page	Password: 1234	credentials are incorrect.	Н
\exists				,			Г
7							
\exists							
\perp							
_							
1	ID	UC	Name	Pre-condition	Test data	Expected result	
	ID TC-15	UC UC09	Name Incorrect login for manager.	The user has opened the	Username: userrrrr	The manager can see an error message that the login	
				The user has opened the	Username: userrrrr	The manager can see an error message that the login	
				The user has opened the	Username: userrrrr	The manager can see an error message that the login	
				The user has opened the	Username: userrrrr	The manager can see an error message that the login	
				The user has opened the	Username: userrrrr	The manager can see an error message that the login	
				The user has opened the	Username: userrrrr	The manager can see an error message that the login	
				The user has opened the	Username: userrrrr	The manager can see an error message that the login	
		UC09		The user has opened the	Username: userrrrr	The manager can see an error message that the login	
	TC-15	UC09	Incorrect login for manager.	The user has opened the MyAccount page Pre-condition	Username: userrrr Password: 1234 Test data	The manager can see an error message that the login credentials are incorrect. Expected result	
	TC-15	UC09	Incorrect login for manager.	The user has opened the MyAccount page Pre-condition The admin has started the app	Username: userrrr Password: 1234 Test data Name: Running 2km	The manager can see an error message that the login credentials are incorrect.	
	TC-15	UC09	Incorrect login for manager.	The user has opened the MyAccount page Pre-condition	Username: userrrr Password: 1234 Test data Name: Running 2km Difficulty: Beginner	The manager can see an error message that the login credentials are incorrect. Expected result	
	TC-15	UC09	Incorrect login for manager.	The user has opened the MyAccount page Pre-condition The admin has started the app	Username: userrrr Password: 1234 Test data Name: Running 2km Difficulty: Beginner Calories: 100	The manager can see an error message that the login credentials are incorrect. Expected result	
	TC-15	UC09	Incorrect login for manager.	The user has opened the MyAccount page Pre-condition The admin has started the app	Username: userrrr Password: 1234 Test data Name: Running 2km Difficulty: Beginner	The manager can see an error message that the login credentials are incorrect. Expected result	
	TC-15	UC09	Incorrect login for manager.	The user has opened the MyAccount page Pre-condition The admin has started the app	Username: userrrr Password: 1234 Test data Name: Running 2km Difficulty: Beginner Calories: 100	The manager can see an error message that the login credentials are incorrect. Expected result	
	TC-15	UC09	Incorrect login for manager.	The user has opened the MyAccount page Pre-condition The admin has started the app	Username: userrrr Password: 1234 Test data Name: Running 2km Difficulty: Beginner Calories: 100	The manager can see an error message that the login credentials are incorrect. Expected result	
	TC-15	UC09	Incorrect login for manager.	The user has opened the MyAccount page Pre-condition The admin has started the app	Username: userrrr Password: 1234 Test data Name: Running 2km Difficulty: Beginner Calories: 100	The manager can see an error message that the login credentials are incorrect. Expected result	
	TC-15	UC09	Incorrect login for manager.	The user has opened the MyAccount page Pre-condition The admin has started the app	Username: userrrr Password: 1234 Test data Name: Running 2km Difficulty: Beginner Calories: 100	The manager can see an error message that the login credentials are incorrect. Expected result	

ID	UC	Name	Pre-condition	Test data	Expected result
TC-17		Create a new cardio with incorect data	The admin 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 admin 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		Edit the data of an existing	The admin has started the app	Name: Running 4km	Expected result Confirmation that the cardio has been changed.
10-19	0012	cardio	and has logged in. An exercise called "Running 2km" has already been created.	Difficulty: Intermediate Calories: 150 PictureURL: http/	commission distance taldio has been distinged.
TC-20	UC13	Delete a cardio	The admin 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 admin has started the app and has logged in. An exercise	Ex Name: Running 4km	The admin can see the cardio on the screen.
			called "Running 4km" has already been created.		
			alleady been created.		
ID	UC	Name	Pre-condition	Test data	Expected result
TC-22	UC16	Create a new user	The admin has started the app and has logged in or Customer	First Name: Gosho Username: GOGO	Confirmation for successfully creating a user.
			wants to create an account.	Password: 1234	
ID	UC	Name	Pre-condition	Test data	Expected result
TC-23	UC16	Create a new user that already exists	The admin has started the app and has logged in or Customer	Username: GOGO FirstName: Ivo	An error message is shown that the user already exist
		Create a new user that	The admin has started the app and has logged in or Customer wants to create an account. User	Username: GOGO	
		Create a new user that	The admin has started the app and has logged in or Customer	Username: GOGO FirstName: Ivo	
		Create a new user that	The admin has started the app and has logged in or Customer wants to create an account. User	Username: GOGO FirstName: Ivo	
		Create a new user that	The admin has started the app and has logged in or Customer wants to create an account. User	Username: GOGO FirstName: Ivo	
		Create a new user that	The admin has started the app and has logged in or Customer wants to create an account. User	Username: GOGO FirstName: Ivo	
		Create a new user that	The admin has started the app and has logged in or Customer wants to create an account. User	Username: GOGO FirstName: Ivo	
		Create a new user that	The admin has started the app and has logged in or Customer wants to create an account. User	Username: GOGO FirstName: Ivo	
TC-23	UC16	Create a new user that already exists	The admin has started the app and has logged in or Customer wants to create an account. User with username "GOGO" exists. Pre-condition The admin has started the app	Username: GOGO FirstName: Ivo Password: 123	An error message is shown that the user already exist
TC-23	UC16	Create a new user that already exists Name	The admin has started the app and has logged in or Customer wants to create an account. User with username "GOGO" exists. Pre-condition The admin has started the app and has logged in or Customer	Username: GOGO FirstName: Ivo Password: 123	An error message is shown that the user already exist Expected result
TC-23	UC16	Create a new user that already exists Name	The admin has started the app and has logged in or Customer wants to create an account. User with username "GOGO" exists. Pre-condition The admin has started the app and has logged in or Customer wants to create an account. User	Username: GOGO FirstName: Ivo Password: 123	An error message is shown that the user already exist
TC-23	UC16	Create a new user that already exists Name	The admin has started the app and has logged in or Customer wants to create an account. User with username "GOGO" exists. Pre-condition The admin has started the app and has logged in or Customer wants to create an account. User with username "GOGO" has	Username: GOGO FirstName: Ivo Password: 123	An error message is shown that the user already exist
TC-23	UC16	Create a new user that already exists Name	The admin has started the app and has logged in or Customer wants to create an account. User with username "GOGO" exists. Pre-condition The admin has started the app and has logged in or Customer wants to create an account. User	Username: GOGO FirstName: Ivo Password: 123	An error message is shown that the user already exist
TC-23	UC16	Create a new user that already exists Name	The admin has started the app and has logged in or Customer wants to create an account. User with username "GOGO" exists. Pre-condition The admin has started the app and has logged in or Customer wants to create an account. User with username "GOGO" has	Username: GOGO FirstName: Ivo Password: 123	An error message is shown that the user already exist
TC-23	UC16	Create a new user that already exists Name	The admin has started the app and has logged in or Customer wants to create an account. User with username "GOGO" exists. Pre-condition The admin has started the app and has logged in or Customer wants to create an account. User with username "GOGO" has	Username: GOGO FirstName: Ivo Password: 123	An error message is shown that the user alread

ID	UC	Name	Pre-condition	Test data	Expected result
TC-25		Delete user	The admin 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.