

SE 410 SOFTWARE FRAMEWORK APPLICATIONS REQUIREMENTS LIST

PROJECT NAME : Digital Health and Fitness Tracker with Trainer Access

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FUNCTIONAL REQUIREMENTS		
REQ. #		PRIORITY/VERSION
1	The system should include a registration and login system for clients on the web application, allowing them to register and log in using their email address	
2	The system should allow trainers to log in using their email address and password on the desktop application.	
3	The system should allow users to enter and update their health data and personal information, including age, height, weight, body mass index, muscle and fat ratio.	
4	The system should allow users to create and manage their workout routines.	
5	The system should include a system where users can record their workouts.	
6	The system should allow trainers to define and track fitness goals for clients, such as losing 2 kg per month, exercising at least 4 times a week etc.	
7	The system should allow to clients and trainers for monitoring workout progress.	

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8	The system should send notifications about the progress of the exercise program.	
NON-FUNCTIONAL REQUIREMENTS		
REQ. #		PRIORITY/VERSION
1	The system should respond to most user actions within 2.5 seconds.	
2	The application should support the English language.	
3	The user interface must be simple and intuitive, designed based on user feedback to ensure easy navigation, even for first-time users.	
4	The application should be designed for easy maintenance, allowing for updates and modifications, with scheduled maintenance and updates to be performed every Wednesday at 02:00 AM.	