
Levin GmbH

**Your E-Care
Vision Document**

Version 1.1

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Revision History

Date	Version	Description	Author
05/11/22	1.0	Initialize the document	Tran Quang An Quoc, Nguyen Khoi Nguyen
24/11/22	1.1	Update detail document, fix the previous PA problem	Tran Quang An Quoc, Duong Minh Tung

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Vision (Small Project)

1. Introduction

1.1 Purpose

The purpose of this document is to collect, analyze, and define high-level needs and features of *Your E-care*. It focuses on the capabilities needed by the stakeholders and the target users, and **why** these needs exist. The details of how *Your E-care* fulfills these needs are detailed in the use-case and supplementary specifications.

1.2 Scope

This vision document applies to *Your E-care* app, which will be developed by Group 01. We will develop the app to work on the Android platform. *Your E-care* will provide people a suitable way to lose weight or keep fit.

1.3 References

2. Positioning

2.1 Problem Statement

The problem of	toddlers, children, teens, and families do not know how to lose weight or keep fit
affects	people with unhealthy lifestyle or bad overall health
the impact of which is	lack of desire to keep fit and difficulty in finding suitable program
a successful solution would be	a simple, mobile application with a low learning curve that can be easily used by everyone. The product would provide a creative and enthusiastic approach for superior health, movement, and fun. Furthermore, the product would also support efficient means of having a unique atmosphere to enhance movement development through fitness and gymnastics.

2.2 Product Position Statement

For	everyone who wants to keep fit or enhance overall health.
Who	do not know how to do it.
The Your E-Care	is a software application
That	provides an approach and solutions for improving health.
Unlike	other fitness applications that do not have effective education for trainees.
Our product	provides a quality program that has been researched to optimize individual movement abilities and goals. This is accomplished by an AI coach and other features.

3. Stakeholder and User Descriptions

3.1 Stakeholder Summary

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Name	Description	Responsibilities
Requirements Engineers	This stakeholder works with customers and stakeholders to translate needs into requirements.	Specifies domain, non-functional, and functional requirements. Refines requirements as needed.
Software Architect	This stakeholder is a primary lead in the development of Your E-care	Responsible for overall architecture of the system, and guides overall design and implementation of system
Project Manager	This stakeholder leads development of the HCPA.	Plans, manages and allocates resources, decides priorities, coordinates interactions with customers and users, and keeps the project team focused.
End Users (Trainees, PTs...)	This stakeholder will give feedbacks on how well the application is working	Experimenting the application and giving feedback.

3.2 User Summary

Name	Description	Responsibilities	Stakeholder
Normal People (children, teenagers, adults, trainees,...)	Primary End user of the system	Use an application to keep fit.	Self
Assistive People (therapist, coach, PTs,...)	End user of the system	Configure application for the Primary End users. Communicate with the Primary End users by the app.	Self

3.3 User Environment

1. *Your E-care* will be used by people, regardless of age, with normal health and health problem as defined below:
 - a. Normal health: has a healthy lifestyle.
 - b. Health problem: obesity, degeneration
2. *Your E-care* should use in different places:
 - a. In a home
 - b. In a hospital/nursing-home setting
 - c. In a park/stadium/classroom....
3. Users can choose from a variety of lessons:
 - a. Cardio
 - b. Pilates
 - c. Optional therapies
 - d. Fitness
 - e. Physical exercises
4. Assistive persons should not need to use this app
5. The system allows assistive persons to communicate with trainee:
 - a. Trainees should request an action of the assistive person using this app
 - b. The user should be in conversation with an assistive person

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3.4 Summary of Key Stakeholder or User Needs

Needs	Priority	Concerns	Current Solution	Proposed Solutions
Easy to use	High	Ability for users with little to no previous phone usage to navigate and use menu easily	See proposed	Provide large menu icons with intuitive categories for communication
Flexible (configurable)	Low	Ability to customize menu and functions based on different user needs	See proposed	Allow <i>Your E-care</i> to be configured on initial running to allow users to choose needed functions and menu layout
Send messages	Medium	Messages should be in time	None	Having optional communicating approach such as email, social network
Recommending suitable courses	Medium	Unsuitable or wrong courses are chosen	None	Using AI to choose from individual input survey
Rating	Low	Ability to customize menu and functions based on different user needs	None	Using API to collect ratings

3.5 Alternatives and Competition

Competitors:	Strava. Adidas Training: HIIT Workouts. Home Workout. Fitvate. IFitness.	
Alternatives:	Tiny community	In each exercise, users can discuss the exercise and their health relating

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		to muscle groups.
	More intuitive and user friendly	Your E-Care interface is user-friendly to new-users

4. Product Overview

This section provides a high level view of the health care capabilities, interfaces to course catalog database system, and system configurations. This section usually consists of two subsections, as follows:

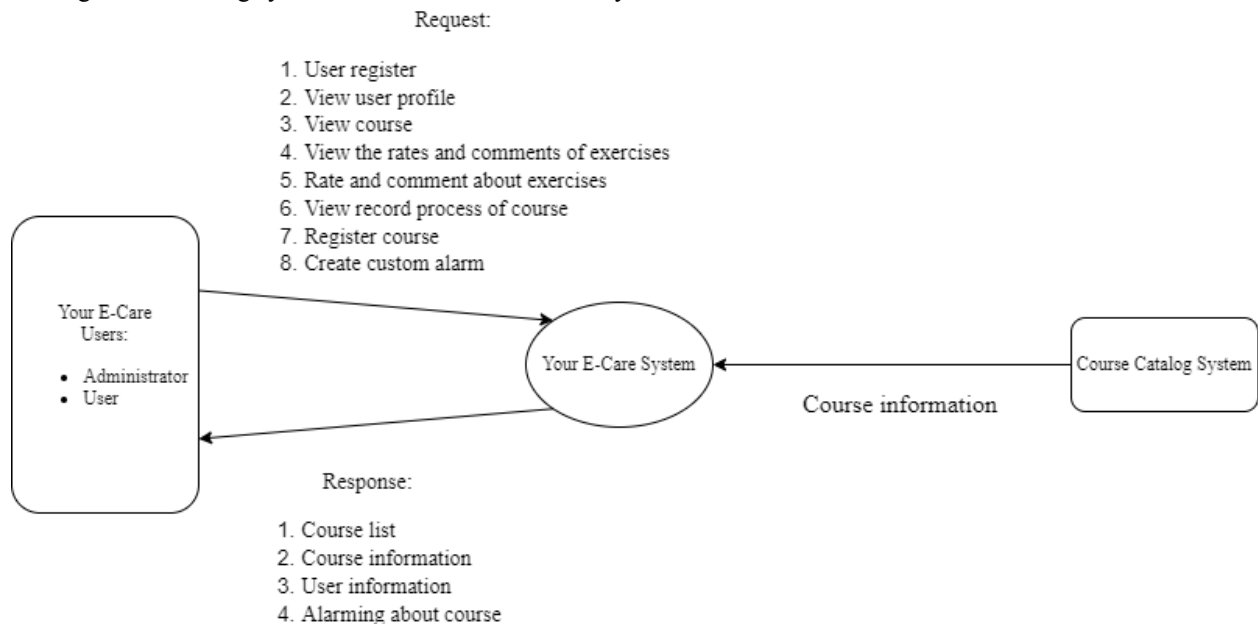
- Product perspective
- Assumptions and dependencies

4.1 Product Perspective

The Your E-Care mobile application is an innovative product which replaces other Fitness applications with user-friendly interfaces that appeal to customers.

This app is created for those who want to improve their health but do not have much time to practice directly at Gym and wanna to get more knowledge about Fitness topics.

The product is completely free for everyone although the quality is still ensured. The data is contained on the existing course catalog system and toward Your E-Care system to interact with users.



4.2 Assumptions and Dependencies

- The product will be used on a mobile operating system.

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- If there are changes in the development process, the vision document needs to be updated with this information.
- This product is expected to be used in the next 5 to 10 years and frequently updated during this period.

5. Product Features

This section provides what features are needed in our system, feature description at a general level, why we choose to implement it and the level of priority for each feature we have.

No.	Feature	Type of user	Description	Priority
1	Add exercises	Admin	Admin can post exercises and add auto reminder duration	High
2	Config suggestion for each exercises	Admin	Admin put the exercise into the series of relations or muscle groups.	Medium
3	Log in	Admin	Admin login the application	High
4	Log out	Admin	Admin log out the application	High
6	Register to practice the exercises	User	Users can register the course they want	High
7	View the profile.	User	Users can see their information and registered course	Medium
8	Rate and comment about the exercises.	User	Users can comment and rate the exercise so that others can refer (Users can also view them).	Low

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9	View the exercises.	User	Users can view exercises by muscle group or relative exercises.	Medium
10	Sign up	User	Each user has to sign up for the first time	Medium
11	Log in	User	User login the application	High
12	Log out	User	User log out the application	High
13	Record process of exercises	User	Each user can submit their own process	Low
14	Notification and reminder	User	Each user can set their own reminder about the exercises	Medium
15	Subscribe to the auto reminder of the exercises	User	Users can use the auto time reminder about the exercise instead of customizing it.	Medium

6. Non-Functional Requirements

Applicable Standards:

The mobile user interface shall be Android, iOS operating system.

System Requirements:

The client component of the system shall operate on any personal mobile phone with x64 ARM Microprocessor or better.

The client component of the system shall not require more than 1024MB RAM and 50-80 MB Disk Space.

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The client component of the system shall run on Android 10.0 or over.

Performance Requirements:

The system shall support up to 200 simultaneous users in each half an hour against the local servers.

Database server must be able to handle lots of data since the system has to contain both user and admin data .

Security Requirements:

User password put into hash table so that user profile is protected.

UI/UX Requirements:

UI/UX design must be user friendly and easy for users to catch up with.