
Levin GmbH

**Your E-Care
Master Test Plan**

Version 1.1

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Test Plan	Date: 05/01/23
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Revision History

Date	Version	Description	Author
27/12/22	1.0	Add section 2	Nguyen Minh Van
05/01/23	1.1	Add all sections	Nguyen Minh Van

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Test Plan

1. Introduction

1.1 Purpose

This document is proposed to specify the team's targets and objectives to fulfill the testing plan of the product before launching. This document will contain the specification of the target testing item, the environment and the responsibilities of each team member.

All team members should have the responsibility to read and understand this document to test and check all the areas of features listed in this document. All the requirements and specifications for the testing plan are included in this document.

2. Target Test Items

- Add a profile Screen in the application.
- Home Screen in the user application.
- Exercise Screens in the user application.
- Account APIs in Server.
- Exercises and Series APIs in Server.

3. Environmental Needs

3.1 Hardware Requirements

For server testing: Any computers with x64/x86 Intel chips included.

For application testing:

- iOS: any device with iOS 14.0 and above
- Android: any device with Android 9.0 and above

3.2 Software in the Test Environment

The following base software elements are required in the test environment for this *Test Plan*.

Software Name	Purpose	Version	Type and Other Notes
Windows 10/11, 64 bit	Server running	Any	Operating System
iOS	Application running	14.0+	Operating System
Android	Application running	9.0+	Operating System
NodeJS	Application dependencies	16.18.0	Software
Yarn	Package manager	1.22.19	Software
npm	Package manager	8.19.2	Software
Java, JDK	Android testing dependencies	11.0.17	Software
react-native	Application framework	0.70.6	Software

3.3 Productivity and Support Tools

The following tools will be employed to support the test process for this *Test Plan*.

Tool Category or Type	Tool Brand Name	Vendor or In-house	Version
APIs Testing	Postman	Postman	9.18.3

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Tool Category or Type	Tool Brand Name	Vendor or In-house	Version
API publication	ngrok	ngrok	Any

4. Responsibilities, Staffing, and Training Needs

4.1 People and Roles

This table shows the staffing assumptions for the test effort.

Human Resources		
Role	Minimum Resources Recommended (number of full-time roles allocated)	Specific Responsibilities or Comments
Test Manager	1	Provides management oversight. Responsibilities include: <ul style="list-style-type: none"> • planning and logistics • acquire appropriate resources • presenting management reporting • advocate the interests of the test • evaluate the effectiveness of the test effort
Tester	4	Implements and executes the tests. Responsibilities include: <ul style="list-style-type: none"> • implement tests and test suites • execute test suites • log results • analyze and recover from test failures • document incidents