

# AloneLess

Prepared by:

Maryam, Maxim and Tyeece

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# 1.0 INTRODUCTION

The Test Plan is designed to prescribe the scope, approach, resources, and schedule of all testing activities of the project AloneLess. The plan identifies the items to be tested, the features to be tested, the types of testing to be performed, the personnel responsible for testing, the resources and schedule required to complete testing, and the risks associated with the plan.

## 2.0 OBJECTIVES

The test objectives are to verify the functionality of application AloneLess. The project should focus on testing key operations such as sign up, sign in, saving journal entries on the monthly and weekly calendar...etc. to guarantee all these operations can work normally in a real environment.

## 3.0 SCOPE

Module Name	Applicable Roles	Description
Login	Customer	A customer can have multiple accounts through different emails
Sign up	Customer	New customers can sign up
Change password	Customer	Customer can change their password
Emotion's tracking	Customer	The emotion tracker records customer's feeling for the day through emojis and saves them on the calendar to be viewed later
Journal entry	Customer	Customer can either write about how they feel and why after the emotion tracking page, or choose one of the journaling prompts suggested by the app
Sign out	Customer	Customer can sign out of their account
Calendar	Customer	Customer can view weekly or monthly calendar

## 4.0 TESTING STRATEGY

In the AloneLess project one type of testing was conducted.

-Acceptance testing: Conducted a series of evaluative testing to verify system's compliance with specified requirements

### 4.1 User Acceptance Testing

Definition:

The purpose of the acceptance test is to confirm that the system is ready for operational use. During acceptance test, end-users (customers) of the system compare the system to its initial requirements.

Participants:

Who will be responsible for User Acceptance Testing? List the individuals' names and responsibility.

Methodology:

Describe how the User Acceptance testing will be conducted. Who will write the test scripts for the testing, what would be sequence of events of User Acceptance Testing, and how will the testing activity take place?

## 5.0 HARDWARE REQUIREMENTS

Only one specific hardware requirement: Smartphone.

## 6.0 ENVIRONMENT REQUIREMENTS

### 6.1 Main Frame

The test cases were designed by our test designer and forwarded to the tester. Everything was done online, via zoom. Testing was private and not open to third parties. No necessary tools were needed apart from a smartphone.

## 7.0 RESOURCES/ROLES & RESPONSIBILITIES

System Resource:

No.	Resources	Descriptions
1	Test tool	Develop a Test tool which can auto generate

		the test result to the predefined form and automated test execution
2	Network	Setup a LAN Gigabit and 1 internet line with the speed at least 5 Mb/s
3	Smart phones	Any smartphone with an iOS or Android system, which supports touchscreen.

Human Resource:

Test administrators who are also the team members - no individual testers from outside

## 8.0 TASKS AND SCHEDULES

Tasks	Members	Estimated effort
Create the test cases	Test designer	10 man-hours
Perform test executions	Tester, test designer	12 man-hours
Test report	Tester	2 man-hours
Total		24 man-hours