

# Software Test Plan - STP



Noa sagiv

Version <10.6.2>

## Version Control

Title	Software Test Plan - STP
Author	Noa Sagiv
Version	10.6.2

# Table of Contents

1	Document Overview.....	3
1.1	Introduction.....	3
1.2	Objectives.....	3
1.3	Scope.....	4
2	Scope of testing.....	5
2.1	Features to be tested.....	5
2.2	Features not to be tested.....	5
2.3	Testing Types.....	6

# 1. Document Overview

## 1.1 Introduction

This document serves as the Software Test Plan for “Symbolab” application version 10.6.2

The purpose of this STP is to define the framework and Strategy for the testing of “Symbolab” application

The plan is tailored to support the Agile Scrum methodology, emphasising flexibility, and iterative development.

Our objective is to validate the High Quality of the “Symbolab” application

I will verify that the “Symbolab” application behaves as expected by testing its features and functionality.

In alignment with Scrum principles, this document will try to stay as short and focused on Testing needs so it can easily be updated and evolve throughout project iterations.

**Due to the extensive number of features, comprehensive testing of all features is not feasible within the current scope. The testing will prioritize key functionalities, performance, and user experience.**

**I chose to include only the most relevant options from my opinion**

## 1.2 Objectives

At a high level, The primary objectives of this Software Test Plan for **Symbolab** are as follows:

### **Ensure Product Quality:**

To uphold the high standards of quality for which **Symbolab** is known, verify that all features work as intended and meet user and business requirements.

### **Enable Efficient Development Cycles:**

To align testing activities with Scrum sprints, facilitating swift identification and resolution of defects, and supporting the development team in quick iterations.

### **Support Business Goals:**

To ensure that the testing process aligns with the overarching business objectives, contributing to the sustained success and growth of 'Symbolab'

## 1.3 Scope

- The scope of this document is only for version 10.6.2 of the "**Symbolab**" product.
- This STP will include the Test Planning and Test Execution of "**Symbolab**" on the following OS: Android

## 2. Scope of testing

### 2.1 Features to be tested

- Mathematical calculations (e.g., algebra, calculus)
- Login Integration (sign-in with Google and Facebook)
- User interface elements (e.g. buttons, input fields)
- App performance and responsiveness
- Empty 'last name' input handling - Tested with a registered user

### 2.2 Features not to be tested

- Non-core features such as:
  1. Advanced Calculations
  2. Educational Content
  3. Premium Features

### 2.3 Testing Types

#### **Smoke**

I will focus on ensuring that critical features and core functionalities are working as expected.

#### **Functionality**

Verify that the features that I chose to test work as intended and meet user needs.

#### **GUI**

Ensure that the layout and design elements are consistent across activities in the application.

#### **Interface Testing:**

To ensure that the app interfaces with Facebook and Gmail.

