**TEST PLAN**

for E.gg timer software application

Table of Contents

[1 Introduction 2](#_Toc1894984668)

[1.1 Objectives 3](#_Toc1037109291)

[1.2 Team Members 3](#_Toc1273831784)

[2 Test Plan 3](#_Toc2090523280)

[2.1 Items under the Test 3](#_Toc593908138)

[2.2 Scope 3](#_Toc1878216277)

[2.3 Referential Material 3](#_Toc1833397643)

[3 Test Cases 3](#_Toc166358505)

[4 Test Approach 5](#_Toc1446939202)

[4.1 Test Automation 5](#_Toc97942399)

[5 Test Environment 5](#_Toc2039929270)

# 1 Introduction

The purpose of this Software Test Plan (STP) is to develop a test plan to assess all functionalities of the E.gg timer software.

STP includes the objectives, scope, test cases, and approach. This document will identify test deliverables and what is deemed in and out of scope.

## 1.1 Objectives

E.gg timer is a web-based time-counting tool used to count the time left until the exact time, or date in seconds, minutes, hours, days, or years, by a special time management method (Pomodoro, Mabata, Morning).

In Phase 1, the major objective is to provide insight into the basic timer functionality. The results of this phase, as one of the acceptance criteria, will lead to further decisions in the testing process.

## 1.2 Team Members

|  |  |
| --- | --- |
| **Resource Name** | **Role** |
| Dijana Paunovic | QA Engineer |

# 2 Test Plan

## 2.1 Items under the Test

The E.gg timer software will consist of three basic areas for testing. The first item of testing includes validating the Home page with all functionalities. The second item is a Help and Settings modal with all features. The third item under test is a Timer page with URL inputs, labels, and other features.

## 2.2 Scope

The scope of this document is to test the E.gg timer software by each feature. However, due to the lack of information about the product, this STP will only include Exploratory Testing procedures.

The initial phase will include all requirements defined in the Help section. These and any other requirements that get included must all be tested.

## 2.3 Referential Material

* Instructions in the Help and Settings section

# 3 Test Cases

The following test cases have been identified:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| # | Test Case Type | Description | Test Step | Expected Result | Status |
| 1 | Functionality | Input Feld should accept time in multiple formats that contain only letters, numbers, and/or space character | Input time in formats 30(no unit will default to seconds)/15 minute/5 hours/3days/45m (shorthand unit)/9pm/17:35/2030-01-01/1 January 2030/week (one week)/Mothers Day (a holiday) | All kinds of inputs should be appropriate. | Pass or Fail |
| 2 | Funcionality | Buttons below the input field after clicking navigate to the timer | A predefined timer is started after the user clicks on any button with a predefined time or counter method. | Each button navigates to the corresponding link and timer | Pass or Fail |
| 3 | Funcionality | Countdown alert can be muted in the Settings section | The countdown alert will be muted after the user click on the Mute Alert Sound radio button | The countdown alert is muted, and the label on the right side of the radio button is changed to Muted | Pass or Fail |
| 4 | Usability | A tooltip will appear when the user hovers button | Hover by cursor several buttons on the Home page | For each button should appear the appropriate tooltip | Pass or Fail |
| 5 | Usability | Ensure all links are working properly | Click on various links on the Help and Settings page | Links will open a time counter in another tab and start counting the time according to the on-page URL. | Pass or Fail |

# 4 Test Approach

This project will be used a Reactive approach in which the testing is not started until after the design and coding are completed.

Exploratory testing will play a large part in the testing as the tester has never used this type of tool and will be learning as they go.

## 4.1 Test Automation

Automated unit tests are part of the testing process, but only for functionality that does not require a manual approach (changing the theme on the counter page, alert tone, etc).

# 5 Test Environment

The test Environment is up and available on the URL: <https://e.ggtimer.com/>