# Software Test Plan - STP

## "rebar" application

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8.5.2
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# Version Control

## CURRENT VERSION

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## APPROVAL

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## VERSION HISTORY

| VER | DATE | CHANGES DESCRIPTION | MODIFIER |
|---|---|---|---|
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# 1 Document Overview

## 1.1 Introduction

This document serves as the Software Test Plan for **"rebar" application**

The purpose of this STP is to define the framework and Strategy for the testing of **"rebar" application**

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

Our objective is to validate the High Quality of **"rebar" application**

We will verify **"rebar" 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 could be easily updated and evolve throughout project iterations.

## 1.2 Objectives

At a high level The primary objectives of this Software Test Plan for **"rebar" application** are as follows:

### ✔ Ensure Product Quality:

To uphold the high standards of quality for which **"rebar" application** is known, verifying 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 **"rebar" application**

## 1.3 Scope

- The scope of this document is only for version **8.5.2 of ""rebar" application product.**

## 1.4 References

<If applicable you can list here any reference you have about the specification of the product like tuturials / User Manuals / SRS etc'.
In case there's none you can state that No references were available e.g. "N/A">

| No | Document Title | File Name (Path) / HyperLink |
|----|----------------|------------------------------|
| 1  | N/A            |                              |
| 2  |                |                              |
| 3  |                |                              |

# 2  Scope of testing

## 2.1 Features to be tested

Here you'll state all the Modules Features you plan to test.
<Note that because its evolving document that some features/Modules could be added / deleted while the project is on process depends on timetables and complexity>

- **sign up**
- **Search Box**
- **menu,DIY,favourite**
- **branches**

## 2.2 Features not to be tested

- **Shopping Cart**
- **main page**
- **Personal area**
- **Customer Service**

## 2.3 Testing Types

2.4

Outlined below are the test types that will be planned and performed during this project:

- **Functionality Verification:**

  To ensure all features of **"rebar" application**
  , such as query input, search execution, Filters, and tabs, operate as intended across various platforms and devices.

- **Usability Assessment:**

  To evaluate the user interface for intuitiveness, ease of use, and accessibility.
  This includes ensuring the search page is easily navigable and that the interface elements are responsive to user interactions.

- **Search Result Accuracy:**

  To validate the relevancy and accuracy of search results provided by the search algorithms.
  This includes testing the effectiveness of filters and the ranking of search results.

- **Smoke Testing**

  install the rebar application register to search for products and add to shopping cart and make a payment receive a message that the order has been successfully placed and log out

- **User Interface Testing**

  -spelling errors
  -pictures are suitable to the category of products
  -contrast between text, pictures, and background
  -category tabs are aligned and written in the same format
  -Mandatory fields (Login, delivery page) coloured in red or a notice written in an effective visible way when they are not filled out properly
  -Pressing buttons (plus/minus, add product button, etc)
  -scrolling

# Software Test Report

Software Test Report for "rebar" application

Author:  **Sara Hayat**

Date:  03/12/2023

# 1. Test Summary

## 1.1   Scope of Testing:

The primary objective was to ensure the functionality, usability, and compatibility of the ""rebar" application
This included testing the following main Modules :
- **sign up**
- **Search Box**
- **menu,DIY,favourite**
- **branches**
- **Shopping Cart**
- **main page**
- **Personal area**
- **Customer Service**

Modules that was planned to be tested but did not:
- **Shopping Cart**
- **main page**
- **Personal area**
- **Customer Service**

## 1.3   Testing Environment:

Tests were performed on the "test environment" of the application, mirroring the production setup.

## 1.4   High-Level Results:

- A total of 202 test cases were executed:
  with 198  passing, 4 failing.

# 2. Testing Activities

The Test Activities section details the comprehensive and methodical approach undertaken to evaluate the functionality, and user experience of the
<mark>"rebar" application</mark>.
This phase involved a series of targeted tests types designed to rigorously assess each aspect of the website, ensuring reliability and quality
from the user's perspective.

The following Testing Activities were performed in this sprint/s:

## 2.1    Smoke Tests

Over the course of the sprint, none of the instances were identified where the
smoke tests failed,

## 2.3 Functional Testing
all functional testing has been conducted, confirming that all features and modules are operating as intended.
Except for 1 open bug classified as 'low' priority.

## 2.4 User Interface Testing
Our user interface testing has confirmed that the overall user experience aligns with our company's high standards.
However, we did observe a few minor glitches in the rendering of pages on
mobile devices, which Development Team
are now working to fix in order to optimize a smoother mobile user experience."

## 2.5 Exploratory Testing
Approximately 98% of our testing efforts were devoted to Exploratory Testing.
No major bugs were found in this process.

# 3. Results and Findings

This section presents the key outcomes of our testing efforts on "rebar" application

Here, we will present the important **metrics** that will highlighting both the
strengths and the areas needing attention.
These Metrics will provide a comprehensive understanding of the current state of the website's functionality, usability, and overall performance.

## 3.1     Test Execution:

- **Executed:** 202  test cases (100% of planned)
- **Passed:** 198 (98.01%), Failed: 4 (1.99%)

## 3.3     Requirement coverage:

- 100% of the requirements covered