Test Plan(Sproxil.com)

Objective

Scope

Test Environment

Entry and Exit Criteria

Defect/Bug Report

Test Strategy

OBJECTIVE

The objective of this test plan is to ensure the reliability, functionality, performance, and security of Sproxil application features, with a focus on core functionalities such as user authentication, data retrieval, and system integrity.
The plan aims to validate the system's adherence to specified requirements, identify defects under various test scenarios, and confirm that the application meets Sproxil quality standards for delivering a seamless and secure user experience.

Track both leading and lagging indicators for your experiment's impact

Keep an eye on guardrail metrics to stop bad experiments early on

- React 18.2.0
- jQuery 2.1.1
- JavaScript
- Database Postgres SQL

SCOPE

The features and functionality of **Sproxil.com** that will be tested, such as the user interface, checkout process, search functionality, and mobile compatibility.
The types of testing that will be performed, such as manual testing, automated testing, performance testing, and accessibility testing.
The environments in which testing will be conducted, such as different browsers, operating systems, and device types.
The criteria that will be used to evaluate the success of the testing, such as the number of defects found, the time taken to complete the testing, and user satisfaction ratings.
The roles and responsibilities of the team members involved in the testing, such as the test lead, testers, and developers.

Test Scope

- Endpoints provided: [

  https://jsonplaceholder.typicode.com/posts/1,

  https://jsonplaceholder.typicode.com/posts,

  https://jsonplaceholder.typicode.com/posts,

  https://jsonplaceholder.typicode.com/posts?userId=1,

  ]

- API testing tools: Postman
- API types: REST API (JSON format)

TEST ENVIRONMENT

The **operating systems** and versions that will be used for testing, such as Windows 10, macOS, or Linux.

The **browsers and versions** that will be tested, such as Google Chrome, Mozilla Firefox, or Microsoft Edge.

The **device types and screen sizes** that will be used for testing, such as desktop computers, laptops, tablets, and smartphones.

TEST ENVIRONMENT

The first step is to create test scenarios and test cases for the various features in Scope.

While developing test cases, we'll use a number of test design techniques.
o Equivalence Class Partition
o Boundary Value Analysis
o Decision Table Testing
o State Transition Testing
o Use Case Testing

We also use our expertise in creating Test Cases by applying the below:
o Error Guessing
o Exploratory Testing
• We prioritize the Test Cases