

Test Plan Document

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1. Introduction

This document outlines the **manual testing strategy** for the application based on the provided UI images. The goal is to ensure the application functions correctly, provides a seamless user experience, and meets the business requirements.

Project Overview

LightningProxies is a comprehensive proxy service provider offering a variety of proxy solutions tailored to diverse web data extraction needs. Their services include Residential, Datacenter, ISP, IPv6, and Mobile Proxies, each designed to cater to specific use cases such as web scraping, market research, and ad verification.

2. Test Scope

The test will cover the following modules:

- **User Authentication** (Login, Create Account)
- **Dashboard Functionality**
- **Deposit Balance**
- **Invoices Management**
- **Proxy Usage Tracking**
- **Purchase Plans**
- **Referral System**

3. Test Objectives

- Validate core functionalities of the application.
- Ensure the UI elements are properly displayed and functional.
- Detect usability and functionality defects.

- Validate proper workflow between modules.

4. Test Strategy

Test Types

- **Functional Testing:** Ensure that each module performs as expected.
- **UI/UX Testing:** Verify alignment, responsiveness, and accessibility.
- **Regression Testing:** Ensure changes do not break existing functionality.
- **Boundary Testing:** Check limits and edge cases.

Test Environment

- **Operating Systems:** Windows 10
- **Browsers:** Chrome, Firefox, Edge
- **Devices:** Desktop, Mobile (if applicable)

5. Test Scenarios

User Authentication

- Verify that users can successfully log in with valid credentials.
- Ensure an error message appears for incorrect credentials.
- Validate the account creation process with required fields.
- Confirm password validation requirements.

Dashboard

- Validate that the dashboard loads correctly with relevant information.
- Check navigation to different sections.
- Verify that real-time data updates are displayed correctly.

Deposit Balance

- Validate deposit transactions reflect correctly in the user's balance.
- Ensure error messages appear for invalid deposit attempts.

Invoices

- Verify the invoices section displays a list of invoices correctly.
- Check the ability to download and view invoices.

Proxy Usage

- Ensure users can track proxy usage history.
- Verify data updates in real-time and reflects accurate information.

Purchase Plan

- Validate the process of selecting and purchasing a plan.
- Ensure the correct amount is deducted after purchase.

Referral System

- Verify referral links are generated correctly.
- Ensure referral bonuses are credited upon successful referral completion.

Referral System

- Verify the referral link generation.
- Check if referred users are tracked properly.
- Validate the referral reward system.

Proxy Usage

- Ensure users can track proxy usage.
- Validate data accuracy in the proxy usage report.

FAQs Section

- Verify the FAQs page loads correctly.
- Check that all FAQ questions and answers are properly displayed.
- Ensure the search/filter function works correctly.
- Validate navigation and usability of the FAQs page.

Proxy Guide

- Ensure the Proxy Guide documentation is accessible.
- Verify the readability and formatting of the guide.
- Check if all proxy setup instructions are correct and up to date.
- Validate links within the guide (if any) to ensure they work.

API Documentation

- Verify that API documentation is accessible.
- Ensure API endpoints, parameters, and responses are correctly documented.
- Validate example requests and responses.
- Check if external links (if any) are functional.

Join Discord Server

- Verify that clicking on "Join Discord" redirects the user to the correct Discord server.
- Ensure users are able to join the server successfully.
- Validate any invitation or access restrictions.

Join Telegram Channel

- Verify that clicking on "Join Telegram" redirects the user to the correct Telegram channel.

- Ensure users are able to join the channel successfully.
- Validate any invitation or access restrictions.

6. Entry and Exit Criteria

Entry Criteria

- Application features are deployed in a test environment.
- All required test data is available.
- Test cases are prepared and reviewed.

Exit Criteria

- All high-priority defects are resolved.
- Test cases have been executed and documented.
- The application meets the business requirements.

7. Test Deliverables

- Test Scenarios and Cases
- Bug Reports
- Test Execution Summary
- Defect Logs

8. Test Schedule & Timeline

Activity	Start Date	End Date	Owner
Test Planning	12-03-2025	12-03-2025	Test Lead
Test Case Writing	13-03-2025	16-03-2025	Testers
Test Execution	13-03-2025	16-03-2025	Test Team
Bug Reporting & Fixing	14-03-2025	16-03-2025	Dev & Test Team
Regression Testing	14-03-2025	16-03-2025	Testers
Final Sign-Off	16-03-2025	18-03-2025	Test Manager

9. Risks & Mitigation

<u>Risk</u>	<u>Mitigation</u>
UI inconsistencies across devices	Conduct cross-browser testing

Unexpected application crashes	Perform exploratory testing
Delayed test execution	Prioritize high-risk functionalities

10. Approval

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