Test plan v2.0

Project Name: BkmKitap UI Test

Prepared by: Dilara

Date: 20.09.2025

Version: 2.0 - Added Smoke Test and Regression Test sections; included phone number login and password reset test cases.

Purpose: This plan defines the UI test strategy for the BkmKitap website. The purpose is to validate that critical functional and non-functional requirements work as expected.

Test Scope:

- In Scope: Login, Search, Filter and Sorting, Cart, Category and Listed Products.
  - Smoke Test Scope: Critical functions (Login, Search, Cart)
  - Regression Test Scope: All existing test cases + newly added features
- Out of Scope: Payment page, Performance testing, Security testing. (Since this is a live production site, these tests should not be executed.)

Test Approach:

- Test Levels: System testing, Acceptance testing
- Test Type: Functional testing, Non-functional testing, Negative testing, UI validation testing, Exploratory testing, Smoke testing, Regression testing
- Test Methods: Both manual and automation methods will be used

---

Test Environment

Component	Description
Test Users	Test credentials will be prepared
Browser	Chrome
Devices	Desktop browsers will be used

Server	⊻Kitap | Bkmkitap - Bir Kitapla Mümkün
Setup Requirements	Windows 11 OS and Chrome browser will be used. ChromeDriver and Python are required to run Selenium tests.

Assumptions and Dependencies

- Requirements for Test Environment
  - Chrome and Selenium WebDriver must be installed.
  - Python and required libraries (Selenium, PyTest, etc.) must be installed.
  - Test user accounts must be prepared and accessible.
  - Internet connection is required to access the test environment.
- External Integration
  - The BkmKitap site must be accessible.

Test Criteria

- Entry Criteria: The website must be accessible, and all required tools and test environment should be ready.
- Exit Criteria:
  - All planned test cases must be executed, and no Critical/High severity defects should remain open.
  - Verify that the new features work correctly (phone login, password reset via phone).
  - Ensure there are no regression issues in existing functionalities

Risks and Mitigation

- The Register page allows sign-up with test data. Since this is a live production site, creating unnecessary test data may cause issues.
- Performance and security testing are excluded due to the risks of running them on a live production environment.