

Software Test Plan - STP “WEBTOON”



Ilay Bilinki
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1 Document Overview

1.1 Introduction

This document serves as the Software Test Plan for “WEBTOON” mobile app Version 3.1.10.

The purpose of this STP is to define the framework and strategy for the testing of “WEBTOON” mobile app.

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

My objective is to validate the high quality of the “WEBTOON” mobile app.

I will verify “WEBTOON” mobile app 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 as it 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 “WEBTOON” are as follows:

Ensure Product Quality:

To uphold the high standards of quality for which “WEBTOON” 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 “WEBTOON”.

1.3 Scope

The scope of this document is only for version 3.1.10 of the “WEBTOON” product. This STP won’t include the Test Planning and Test Execution of “WEBTOON” on the following OS: IOS

2 Scope of testing

2.1 Features to be tested

Here I'll state all the Module's Features I plan to test

- Account creation via "WEBTOON" and "Google"
- "Search" Tab
- "MY" Tab
- "ORIGINALS" Tab
- "CANVAS" Tab
- "FOR YOU" Tab
- "MORE" Tab
- Downloading Episodes
- Referral Code

2.2 Features not to be tested

- Account creation via "Twitter/X", "Facebook" and "LINE"
- Coin Shop
- Daily Pass
- Fast Pass
- Fan Translation
- Accessibility

2.3 Testing Types

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

- **Smoke Testing**

- **Functionality Verification:**

To ensure all features of “WEBTOON” such as favoriting series, viewing episodes, and posting comments operate as intended in Android based smartphones

- **Usability Assessment:**

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

2.4 Test Strategy and Approach

My test approach is systematic and structured to ensure thorough and efficient validation of each build received from the Development team.

The following outlines our planned testing progression for each release cycle:

Initial Build Assessment with Smoke Testing:

Upon Receipt of a new build the Quality Assurance (QA) team will execute a Smoke Testing Suite.

This suite is designed to quickly check the stability of the build and ensure that the core functionalities of "WEBTOON" are operating as expected.

Only after a build passes the smoke test will it move in the testing process.

Focused Testing on New Features and Bug Fixes with Sanity Testing:

After the build has passed the Smoke Testing phase, the QA team will proceed to Sanity Testing.

This phase is targeted at the new features and bug fixes included in the release.

The objective is to ensure that specific updates are functioning correctly in the application without any immediate issues.

Comprehensive Regression Testing:

Following the Sanity Testing phase, comprehensive Regression Testing will be conducted.

This is critical to ensure that the new code changes have not adversely affected existing functionalities of "WEBTOON".

The Regression testing will be extensive and is designed to cover all areas of the application that could potentially be impacted by the changes.

Incorporation of Exploratory Testing:

Parallel to the structured testing phase, I allocate approximately 50% of the total testing effort during the execution phase for Exploratory Testing.

This approach allows testers to go beyond predefined test cases and scenarios, using their insights and experience to uncover issues that may not have been anticipated in the test planning stages.

Iterative Feedback and Continuous Integration:

The testing strategy is aligned with the Agile Scrum framework, which advocates for continuous integration and iterative feedback.

Testing phases will be tightly integrated with the sprint cycles, ensuring prompt feedback to the Development team and allowing for quick iteration and refinement of the application.

The proposed testing approach ensures a balance between structured testing and the flexibility to discover unforeseen issues, making it highly effective in an Agile development environment.

By following this approach, the QA team contributes to the delivery of a stable, high quality product that meets the rigorous standards expected of "WEBTOON".

3 Planned Smoke Test for “WEBTOON” mobile application

The following section will contain specific test cases (positive\negative\boundary) per module.

3.1 Test objectives

To guarantee that the new build is ready for comprehensive testing.

#	Step	Expected Result	Actual Result	Pass/Fail
1.	Click on the “Play Store” app icon	The “Play Store” will open	The Play Store opened	Pass
2.	Click on the search bar	The search bar will open	The search bar opened	Pass
3.	Write “WEBTOON” and click search	A page with “WEBTOON” related results will appear	The results page appeared	Pass
4.	Find “WEBTOON” published by “NAVER WEBTOON” and click on install in the east section of the screen	The application “WEBTOON” published by “NAVER WEBTOON” will begin installation	The official application “WEBTOON” was installed on the phone	Pass
5.	Click on the “WEBTOON” app icon	The application “WEBTOON” will open	The app “WEBTOON” opened	Pass
6.	Select “Skip” to delay logging in to “WEBTOON”	The main page of “WEBTOON” will appear	The “FOR YOU” page appeared	Pass
7.	Press on the east section of the screen to select “Omniscient Reader”	The “Omniscient Reader” tab will open	The “Omniscient reader” tab Opened	Pass
8.	Click on “Episodes”	The south section of the screen will change from the preview page to the episodes page	The south section of the screen changed to the episodes page	Pass
9.	Click on the southernmost part of the screen to begin reading the first episode	The button “Read first episode for free” will load the first episode onto the screen	The screen changed to the first episode of “Omniscient Reader” (a small black box appeared with the words “Scroll Downward” and faded)	Pass