**Test Plan for Star Tech Online Shopping App**

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| Md Ahatasamul Haque | 1.0 | 13-10-2023 | Ehsanul Alam Sabbir |

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## ***Test Plan ID - 01***

## ***Introduction***

The Star Tech Online Shopping App transcends the boundaries of a typical shopping platform, emerging as a dynamic featured app website that ingeniously merges convenience with innovation. Integral to its revenue model is the seamless integration of strategically placed advertisements, which not only bolster income but also enhance the user experience. A defining facet of the app lies in its sidebar, a gateway to a diverse array of captivating shows and content. This curated selection caters to varied user preferences, ensuring engagement for all. Beyond entertainment, the sidebar serves as a window into trending applications, showcasing their popularity and download history. This feature empowers users to make informed choices, aligning their preferences with the wider user consensus. Incorporating star ratings and their corresponding dates further enriches the user experience. These insights provide a comprehensive overview of app performance, allowing users to gauge an app's evolution and credibility over time. The app becomes a reliable guide in app selection, fostering user trust and confidence.

Central to the app's revenue strategy is the strategic placement of ads. Rather than intrusive disruptions, ads seamlessly blend into the interface, elevating the overall experience. This approach enhances ad effectiveness and user engagement. Moreover, the app empowers entrepreneurial endeavors by enabling users to create stores and run ads across different app types, diversifying revenue streams and fostering a supportive ecosystem. In essence, the Star Tech Online Shopping App redefines online shopping. It seamlessly integrates user-friendly design with strategic ads, curates informative content, and empowers users to be both consumers and contributors. The result is an innovative platform where technology, entertainment, and entrepreneurship converge to create a harmonious digital marketplace.

**Main Functionality:**

Certainly, here is the main functionality of the Star Tech Online App Showcase summarized in points:

* Keyword Tracking and Optimization\*\*: Enables users to monitor and optimize the performance of keywords for their apps, enhancing visibility and engagement.
* Gap Analysis and Position Gap\*\*: Identifies gaps in keyword strategy and compares current keyword rankings with desired positions, aiding in strategic optimization
* Keyword Translator and Research\*\*: Facilitates international expansion by offering keyword translation and supports data-driven decisions through comprehensive keyword research.
* Explorer and Asset Hub\*\*: Assists in discovering trends, opportunities, and organizing digital assets for streamlined content creation and distribution.
* Search Ad and Google Ad Creation\*\*: Allows users to create search ads within the platform and simplifies the setup of Google Ad campaigns for broader reach.
* Market Analysis\*\*: Provides insights into market trends, competitive strategies, and growth opportunities, enhancing decision-making for app promotion.
* App Discovery Sidebar\*\*: Showcases captivating shows, popular apps, and download histories, fostering community engagement and aiding in app discovery.
* Star Ratings and Dates Display\*\*: Enhances user trust by presenting star ratings and their corresponding dates, aiding informed decision-making.
* Strategic Advertisement Placement\*\*: Integrates ads seamlessly for revenue generation while maintaining a user-friendly experience.
* Entrepreneurial Empowerment\*\*: Facilitates store creation and ad placement on various app types, empowering users to harness the platform for their ventures.
* Interactive Content Showcase\*\*: Offers a platform for app creators to showcase their work, fostering engagement and interaction with a diverse range of content.
* Data-Driven Insights\*\*: Empowers users with data and insights to optimize their apps, content, and advertising strategies for better results.

The Star Tech Online App Showcase encompasses a broad spectrum of functionalities that cater to app creators, advertisers, and users, fostering engagement, promoting effective advertising, and enabling data-driven decisions within a cohesive digital ecosystem.

***Website URL*** : [***https://www.mobileaction.co/app/android/us/star-tech-online-shopping-app/com.startech.shop***](https://www.mobileaction.co/app/android/us/star-tech-online-shopping-app/com.startech.shop)

## ***Test Items*** *Top of Form*

Bottom of Form

* 1. *Feature to be tested:*

**Registration Functionality**

* Email and password field
* Registration button

**Login Functionality:**

* Valid credentials to login

**Dashboard:**

* View App
* App profile, Publisher profile, Featured ranks, Category ranks, Reviews, Similar apps
* Top Charts

**ASO:**

* Store Management

**Search ADS:**

* Search Results
* All the functionality with related to search

**Google AC:**

* Register All functionality of google ac

**Market:**

* All sector related analysis

**Ad intelligence – Creative Analysis:**

* All the functionality in this feature

## ***References:***

The objective of this Test Plan is to ensure reliability, system assurance and optimum performance and capacity utilization. This test plan focuses on comparing the performance of application with respective to end user expectations with the current and new production environment. Basically, testing enhancement and update to the existing system.

## ***Feature to be tested:***

***4.1 Admin Interface:***

**Scope of testing:**

**Functional testing:** (a Black-box type testing geared to the functional requirements of this application)

* Adding all the new games with the admin panel

**Usability testing:**

* Evaluate the website's user experience and user interface design.
* Verify that the website is easy to use and navigate.
* Test the website on different devices and screen sizes.

**Compatibility testing:**

* Verify the website's compatibility with different browsers and operating systems.
* Check the website's behavior and performance on different devices and platforms.

**Cross-browser Testing**

* check whether the system is supported in every browser

**Integration Testing**

* to verify the combined functionality after integration

**Performance testing:**

* Evaluate the website's performance, including response time, load time, and scalability.
* Verify that the website can handle high traffic and large data sets.

**Regression testing:**

* Verify that changes to the website, such as bug fixes and new features, do not affect the existing functionality.
* Test the website after each change or release.

**Out of Scope:**

1. Database Testing.
2. Security testing:

* Validate the website's security features, such as SSL encryption, user authentication, and data protection.
* Verify that the website is secure from threats, such as SQL injection, cross-site scripting, and cross-site request forgery.

***4.2 Test Strategy:***

**Test Cases Preparation & Execution:**

* QA will be preparing test cases. This will cover all scenarios for requirements.

**Defect Logging and Reporting:**

* QA will log the defect/bugs in the prospective management tool. After this, QA will inform the respective developer about the defect/bugs that have been logged.

**Retesting:**

* Respective QA will Retest for fixed bugs after it is resolved by the respective developer. Bug/defect status will be updated accordingly. In certain cases, if its required then regression testing will be done.

***Deployment/Delivery****:*

* Once all bugs/ defects that have been reported after complete testing are fixed, afterwards if no other bugs are found, the report will be deployed to the test site by PM.
* Once QA is done with the round of testing on the test site and if it is required Report will be delivered along with sample output by email to the respective team member.
* QA will hand over the hard copy of delivery documents to the respective developer.

## ***Features not be tested:***

There is no feature not be tested.

## ***Entry Criteria*** Test Design & Test Execution

## ***Exit Criteria***

All the possible test cases executed and maximum defects have been fixed

## **9.*Suspense Criteria***

No need to stop test execution. All the execution happens perfectly. So no suspense criteria occurred.

## ***10. Roles & Responsibilities***

* Ehsanul Alam Sabbir
  + Guidance how to do complete the project
* Md Ahatasamul Haque
  + Test planning, Test report, Test Cases, Bug report, Test matrics

## ***Schedule***

It takes 2 days to complete the projects

1. ***Training***

Test automation training using Selenium tool

1. ***Risk & Mitigation***

Because of solo project no member issues happened

1. ***Test Environment***

Application Web Application

Windows 10

Core i5 6th generation processor

Browser: Google chrome, Internet explorer, Mozila firefox, Operamini

1. ***Test Deliverables***

All the things review 2-3 days will take to delivery

1. ***Approvals***

Author: Md Ahatasamul Haque

Review: Ehsanul Alam Sabbir

1. ***Glossary*** - NONE