



Test Plan for Twitter/X Website

1. Introduction

- **Project Name:** Twitter Website Testing
- **Test Plan ID:** TW-TEST-001
- **Test Dates:** 14-11-2024 to 17-11-2024
- **Test Manager:** Rohit Kumar Tamta
- **Test Tools:** Cypress (Automation), Manual Testing

2. Test Scope

In-Scope:

- Functional Testing for key features (Navbar, Homepage, Profile, etc.)
- Compatibility Testing across browsers and devices
- Performance Testing (speed, load time)
- Security Testing (Login, Authentication)

Out-of-Scope:

- Backend and database testing
 - Third-party integrations (Twitter Ads, etc.)
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3. Objectives

- **Verify** main features (Navbar, Homepage, Profile, etc.) work as expected.
 - **Ensure** the site is responsive and works on different devices.
 - **Test** the login, tweet posting, profile creation, etc.
 - **Check** performance and load time.
 - **Test** security features like login and 2FA.
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4. Methodology

1. **Functional Testing:** Check if key features work correctly.
 2. **Usability Testing:** Ensure the website is easy to navigate.
 3. **Performance Testing:** Test load times and speed of key features.
 4. **Security Testing:** Test login, password reset, and authentication.
 5. **Cross-Browser Testing:** Test on multiple browsers (Chrome, Firefox, Safari).
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5. Test Cases

Navbar

- Verify all links (Home, Profile, Notifications, Messages) are clickable and work.
- Test Navbar responsiveness on mobile and desktop.

Homepage

- Test if the "Tweet" button works.
- Verify that "Trending Topics" and the timeline are up-to-date.

Profile

- Verify users can view and edit their profile.
- Check if users can follow/unfollow.

Search

- Test search for tweets, people, and hashtags.

Login/Sign-Up

- Test if users can log in and sign up.
- Verify "Forgot Password" functionality works.

Footer

- Verify footer links (Privacy Policy, Help, etc.) work.
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6. Deliverables

- **Test Cases:** List of all tests to be performed.
 - **Execution Report:** Results of test runs.
 - **Bug Reports:** Any issues found during testing.
 - **Performance Report:** Load times and responsiveness metrics.
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7. Risks and Mitigation

- **Risk:** Changes in website design may affect automated tests.
Mitigation: Regularly sync with the development team.
 - **Risk:** Missing design or functionality updates.
Mitigation: Stay updated with the latest release notes and communicate with the team.
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8. Resources

- **Tester:** Rohit Kumar Tamta (Manual Tester & Automation Tester)
- **Test Environment:** Web browsers (Chrome, Firefox, Safari), mobile devices.