



ASSIGNMENT :: QA TESTING

Objective:

Install the **News2Day – Local News & Buzz** short news app from Google Play Store and go through it thoroughly to learn more about the app. It is available only for Android devices / Telugu language / Andhra Pradesh and Telangana States.

The objective of this assignment is to perform a thorough evaluation of the News2Day mobile application through various types of testing. Your goal is to identify and document *any issues, bugs, or areas for improvement or features to be developed* across the app's functionality, usability, performance, security, compatibility, and network handling.

Your detailed report, including test cases, scenarios, and evidence of the issues, will be critical for the development team's efforts to enhance the app's quality and user experience.

Details:

- **Testing Scope:**

- **Functional Testing:** Validate all app functionalities, including
 - location (state & district)
 - signup/login
 - dashboard
 - categories
 - quiz
 - news feeds
 - buzz feeds
 - user profile
 - dark theme
 - auto-play video in mute
 - referrals
 - share and like of feeds
- **Usability Testing:** Evaluate the app's user interface for intuitiveness, ease of navigation, and the overall user experience.



- **Performance Testing:** Assess app responsiveness, speed, and reliability under different load conditions.
- **Security Testing:** Identify vulnerabilities related to data protection, authentication, and authorization.
- **Compatibility Testing:** Ensure the app operates smoothly across different devices, operating systems, and browser versions.
- **Network Testing:** Examine the app's performance and behavior under various network conditions (e.g., 2G, 3G, 4G, Wi-Fi, low bandwidth).
- **Assignment Tasks:**
 - **Test Plan Development:** Outline your approach, including the tools and methodologies you will use for each testing area.
 - **Test Case and Scenario Creation:** Develop detailed test cases and scenarios for each type of testing. Include expected outcomes and criteria for pass/fail.
 - **Test Execution:** Perform the tests as outlined in your plan, rigorously documenting the process and any findings.
 - **Issue Documentation:** For each issue encountered, provide a clear description, steps to reproduce, severity level, and potential impact on user experience. Include attachments or screenshots as necessary.
- **Test Report Compilation:**
 - An executive summary highlighting key findings and overall app assessment.
 - Detailed sections for each testing type, including methodology, findings, and evidence.
 - Recommendations for addressing identified issues.
 - Appendices for test cases, scenarios, and any additional documentation.
 - Features to be developed in the app.
- **4. Submission Guidelines:**
 - Submit all documents in PDF format, with any code or scripts included in a separate ZIP file. Attachments or screenshots should be clearly labelled and referenced in the report.
 - Deadline for submission: 18.03.2024.

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