**DETECTION OF MALWARE TROJAN IN MOBILE APPLICATION**

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**ABSTRACT:**

The rapid proliferation of mobile applications has created an urgent need for robust security measures to protect users from malicious software, particularly Trojans. Trojans pose a significant threat to user privacy, data integrity, and device functionality. This project aims to develop a Trojan detector for mobile applications that leverages advanced machine learning techniques and behavioral analysis to identify and mitigate potential threats. The Trojan detector will operate on Android and iOS platforms, catering to a wide user base. The system will employ a combination of static and dynamic analysis to scrutinize an application's code, permissions, and runtime behavior.

**KEYWORDS :** Mobile application, Malicious software , Trojan, Android, Privacy, Safety Measure, Trojan Dectection