

**ANDROID PHONE THEFT SECURITY WITH GPS  
TRACKING**



**FINAL PROJECT**

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## **MOTTO DAN PERSEMBAHAN**

“Siapa yang menempuh jalan untuk mencari ilmu, maka Allah akan mudahkan baginya menuju surga”  
(HR Muslim, no. 2699)

“Ketahuilah bahwa kemenangan bersama kesabaran, kelapangan bersama kesempitan, dan kesulitan bersama kemudahan”  
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## ABSTRAK

Pencurian ponsel Android masih menjadi kekhawatiran masyarakat saat ini, mengingat meluasnya penggunaan dan dominasi pasar perangkat Android. Untuk mengatasi masalah ini, integrasi teknologi pelacakan GPS telah meningkatkan keamanan ponsel Android secara signifikan. Pelacakan GPS memungkinkan pengguna melacak lokasi perangkat mereka yang dicuri dari jarak jauh, meningkatkan peluang pemulihan dan menangkap pencuri. Perkembangan ponsel pintar telah menjadikannya alat sangat berharga untuk komunikasi, produktivitas, dan hiburan. Makalah ini mengeksplorasi dampak pelacakan GPS terhadap keamanan pencurian ponsel Android. Penerapan pelacakan GPS memungkinkan pengguna untuk menunjukkan dengan tepat lokasi perangkat mereka yang dicuri, memberikan informasi berharga kepada lembaga penegak hukum untuk upaya penyelidikan dan pemulihan. Selain itu, pelacakan GPS sering kali digabungkan dengan fitur keamanan lainnya seperti kemampuan mengunci dan menghapus jarak jauh, yang semakin meningkatkan perlindungan data pribadi. Pengguna dapat mengunci ponsel mereka yang dicuri dari jarak jauh untuk mencegah akses tidak sah, dan dalam kasus ekstrim, melakukan penghapusan jarak jauh untuk melindungi informasi sensitif.

**Kata Kunci:** Pelacakan, Keamanan, GPS

## **ABSTRACT**

*Android phone theft remains a persistent concern in today's society, given the widespread usage and market dominance of Android devices. To combat this issue, the integration of GPS tracking technology has significantly improved the security of Android phones. GPS tracking allows users to remotely track the location of their stolen devices, increasing the chances of recovery and apprehending thieves. This paper explores the impact of GPS tracking on Android phone theft security. The implementation of GPS tracking enables users to pinpoint the exact location of their stolen devices, providing valuable information to law enforcement agencies for investigation and recovery efforts. Additionally, GPS tracking is often coupled with other security features such as remote lock and wipe capabilities, further enhancing the protection of personal data. Users can remotely lock their stolen phones to prevent unauthorized access, and in extreme cases, initiate a remote wipe to safeguard sensitive information.*

**Keyword:** *Tracking, Security, GPS*

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