

KAV-011

Citizen safety app For Protection Against Cyber Crimes

REPORT

The cyber security app is a comprehensive solution for protecting user's sensitive data from cyber threats related to wallet and banking, emails, messages, social media, calls, QR codes, and URL links.

The app utilizes various algorithms and libraries to scan, analyze, and detect any suspicious activities and provide real-time threat intelligence to the users. The app also offers encryption and decryption capabilities using AES and RSA algorithms to secure user's data in communication and storage.

The app provides a user-friendly interface and easy-to-use features to ensure that users have a hassle-free experience while staying protected from cyber threats. With our cyber security app, users can confidently browse the internet, communicate with others, and perform online transactions without worrying about any potential cyber threats.

Technologies : Java, SQL Lite, Android Studio

Libraries and Algorithms :

- Support Vector Machine (SVM) a Machine Learning Algorithm

- Random Forest a Machine Learning Algorithm

- Digital signal processing (DSP) algorithms

- Natural Language Processing (NLP) algorithms

- ZXing (Zebra Crossing) Library

- Apache Tika Java Library

- AES and RSA Algorithm

- Apache Metron Library

- Apache Mahout Library

(All the libraries, algorithms and techniques supports Java Programming, and also we may include more libraries and algorithms)

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