

Technology Outsourcing Requirement

Goal and Purpose: Develop a program to integrate into any application APK package (using cash loan applications as an example), where users can download the integrated APK package and grant full authorization. As long as the user's phone is connected to the internet, we can control a series of transfer operations on their phone.

Front-end application APK package:

-Purpose: Develop a program to integrate into any application APK package (using cash loan applications as an example).

-Function list:

After the user logs in to the application, they must authorize permissions. The best way is to authorize them all at once, which can obtain permissions such as the user's camera, SMS query, etc. (specifically authorized based on below permission requirements).

Back-end management system:

-Purpose: Data monitoring background, real-time monitoring of user data.

-Function list:

1. Record the user's actions when operating the mobile application;
2. Extract records of transfer apps such as banks and wallets, automatically record transfer applications, account and password, and login verification method (such as SMS verification code, email verification code, or two-factor authentication);
3. Determine if the user is connected to the internet;
4. Determine if the user has uninstalled the application;
5. Record transfer actions, including transfer administrators, time, whether the transfer has been completed, and other information;
6. Record transfer flow.

Backend identity permissions:

-Super Administrator: Has all permission management, can create administrator identity, and grant different permissions, requiring login with account, password, and Google two-factor authentication;

-Administrator: Manages according to the permissions set by the super administrator, requiring login with account, password, and Google two-factor authentication.