Capstone Design: Remote Monitor Android Application

Advisor: Dr. Manish Parashar
Elvison Dominguez, Mark Law, Phu Phan

User Interface

- On the website he will see all the files being uploaded
- There is a link to the google maps which will display all of the locations
- User will also be able to access all the audio files being recorded
- User will also be able to access all the picture files being uploaded from the phone

The Website

Objective

Create a child monitoring Android application that will provide information of the recorded audio and GPS location of the phone. The recorded files and the pictures taken on the phone will be uploaded to the website to be monitored by the parent.

Motivation

Children nowadays have phones at a very young age instead of having to buy a separate monitor for the child, the parent can simply install this application. A lot of parents would like to monitor their children, and because of this, creating this application will be useful for many parents. We expect this application to resolve real life problems or needs.

Background Processes

- Once the application is installed, it will run constantly in the background.
- If the user tried to kill the application in the task manager, the application will start up again automatically.

Uploaded Pictures

Solutions To Real Life Problems

- Some children only have one parent caring for them, and if the parent needs to do work around the house, he can still keep track of their baby from another room.
- If the baby is in a crib, and the parent is far from the room, he can keep monitoring the audio to make sure the baby is okay.
- When young kids go to school and the parent is away from the child, the parent can keep track of the child’s GPS location to make sure that his kid is where he is supposed to be.
- Some kids go to the park or a friend’s house without permission and then the parent is worried because he can’t find his child.
- By keeping track of their child, parents can monitor the kid’s phone location if the kid gets kidnapped.
- If the kid is taking or downloading immoral pictures, those pictures will be uploaded into the website for the parent to monitor.

Future plans

Website will be able to control and toggle each feature.

This application can be expanded into even more powerful monitoring tools.
- Email
- Text message
- Call log