Smartphone Security

Mobile Application Proposal

Team Name: JD Security Solutions

Propose to make a smart security system using old smartphones as nodes or cameras. The premise behind it, is people have old devices they do not use. This would be an economical choice instead of purchasing a smart camera system with an existing solution that usually charges fees for storage / cloud access. Current products in the Market include Alfred and Security Camera CZ. They differentiate on features offered and how they store video. Alfred stores clips, has motion scheduling, scheduling for active camera use, and other features for different purpose such as baby monitor. Security Camera CZ stores as a series of photos by default but also has a video option. What I do not see between these apps is the ability to store on your own storage solution. I think it would be more appealing, if you allow users to choose how they store their data without restriction. It would also be less restrictive on how you want to setup your environment. Example you have 5TB of your own redundant storage you can store raw video. If you have less like 250Gb, can store in clips or photos with motion while not having to pay someone else for the option or being limited by the app.

The minimum requirements that this app will need for the design are:

- 1 to 1 device connection for app prototype

-Login Functionality

-Ability to network and connect devices to an account.

-View a device live

-Standard help page and in app help.

-Storage Functionality to store video/image data local and external to the device (Setup a small share on a PC to simulate an external storage device).

-Conservation of Resources - motion detection and scheduling options.

**Functionality:**  
Be able to setup your own camera network and a choice to have it all LAN based with no connection to outside world more Secure for data, or have a setup with cloud functionality with convivence.

**Team Roles:   
Project Manager:** Daniel O'Donnell

**Scrum Master:** Jacob Arsenault

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