

Black Box App for Android

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Vision/Overview

o Black Box?

- A crashworthy device in aircraft for recording cockpit conversations and flight data



A complete solution for watch over many things

- o Do you want to watch over your home from your workplace?
- o Do you have an experience that you lost your phone?
- o Do you want to report your emergency to your close one?
- o There is no app that provide above three features.

Minimum Viable Project

- o Send real time video from Android device to the server.
- o User watch real time video from server through web browser.
- o Server stores the broadcasted file.
- o Authentication by sign in/out through the server.

Tech!



Tech!

- o H.263 for Encoding/Decoding
 - o RTP (Real time Transport Protocol)
 - o RTSP (Real Time Streaming Protocol)
 - o Server (PHP, JavaScript, Apache, ...)
 - o Android SDK
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- o Risk: Many new technologies to learn