Android Project Update

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What's the Problem?

- **Ever see someone and wonder who they are?**
  - **Mobile devices are rich in sensors that can be used for identification**
  - **Social networking sites like Facebook and MySpace have pictures and profiles**
  - **Facial recognition in and of itself is not accurate enough**

What is the Big Picture?

- **You see someone and you want to know more, so you...**
  - **Capture their picture through your mobile device**
  - **Your current location is also known**
  - **Your social networking site profile is accessible**
- **You are shown a series of profiles that best match the picture**

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What is done and left to do?

- **CYTE Android project started and Facial Detection code in place**
  - **Open Source JJIL Library**
  - **android.media.FaceDetector**
- **Google App Engine account in place**
- **Read various literature**
  - **Facebook Graph API**
- **Facial Recognition using Fisherfaces**
- **Facebook profile scraper**

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References

- **Face Recognition in Mobile Phones: Guillaume Dave, Xing Chao, and Kishore Sriadibhatla, Department of Electrical Engineering, Stanford University, Stanford, USA**

- **http://innovator.samsungmobile.com/galaxyTab.do**

- **http://code.google.com/p/jjil/**

- **http://www.richardnichols.net/2011/01/java-facial-re**

- **http://www.face-rec.org/interesting-papers/**

- **http://developers.facebook.com/docs/reference/api/**

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Q & A

- **Questions?**
- **Comments?**
- **Feedback?**

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