Goals

- Completion of Android API
- Integrity check for proper installation

Motivation

- No complete, current alternatives exist
- Easier cross-platform communication
    - File transfer
    - Shared internet connection
    - Distributed network
    - Form intranet

Features

- Integrity check (Installation validation)
- Automatically detect the user's operating system
- Efficient use of Android hardware (Ease of use)

Android's Ad-hoc wifi connection

- Novel Feature
- Largely underused

Technical Challenges

- Half of team inexperienced in network programming
- Unfamiliar with Android development
- No knowledge of scripting for OS-level operations

Milestone 1

- Decide between developing on MacOs, Windows, or Linux
- Install and configure Android Studio
- Decide whether to use Eclipse or IntelliJ for an IDE
- Install and connect to the SVN repository provided by Dr. Silaghi
- Successfully install the API
- Run an example program with the API (verify correctness of install and behavior)
- Create Requirements Document
- Create Design Document
- Create Test Plan

Milestone 2

- Integrity check and installation validation (IT&D)
- Automatic OS detection (IT&D)

Milestone 3

- Create sample programs using our API (IT&D)

Questions?