

## Project Goals

- Post notes for people at a particular server through an AP
- Notes should remain at a server until recipient uses the AP to contact the server
- Notes are sent when contact is near an AP and removed from the server

## Similar Technologies

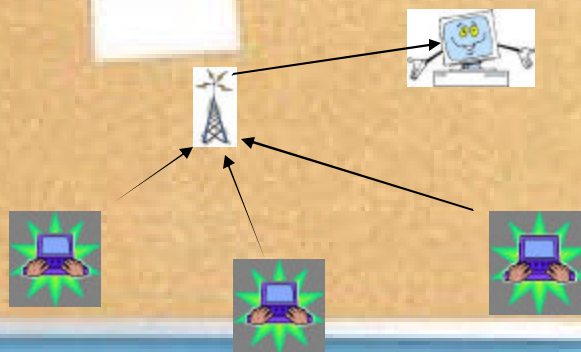
- Email (Outlook, POP/SMTP programs)
  - Inbox space constraints
- Online forums
  - Posts can get “buried”
  - Topic oriented

## Similar Technologies

- Physical BBS
  - Waste of space
  - Not aesthetically pleasing
- Remote Terminal Access
  - Manual log in and search
  - Loss of connection due to low signal strength
- Text Messaging
  - Can't be sent asap due to lack of signal
  - Message may not be received

## Initial Approach

- Virtual Desktop in Windows
- Hardware-based implementation



## Current Approach

- Server
  - Allow user to find list of files in directory
  - Send messages over as text files to clients
- Client
  - List files in client's directory
  - Retrieve messages from server as files
- Requires command line interface

## Challenges

- Initial approach was a misdirected approach to solution
- Loss of time due to misdirection
- Lack of knowledge using Java
- J9 compiler on PDA

## Future Plans

- Develop GUI
- Refine server/client software
  - Automation
  - Increased flexibility
- Implement security methods
  - Protect mailboxes
  - Encrypt messages being sent

## What we Learned

- Set more reasonable goals; focus on one solution
- Network programming in Java
- Client/Server architecture