AppInventor wants and needs:

Platform

- image scaling
- Printing/export blocks to pdf jpg
- Multiplatform Support? (HTML 5/CSS/JavaScript)

New and Improved Components

- TinyDB more than key/value –
- Access to pictures immediately after they are taken.
- Current state of WebDB is confusing – we are not running a DB server run something on top of fusion tables
- Aggregate information from several different web sites.
- What I'm waiting for is some method of phone to phone communication without SMS
- Maybe message by IP
- send email easily -
- increased support for JSON
- python dictionary type object – end of summer maybe?

Language

- Local variables in procedures (that aren't just the method parameters).
- Library support/modular blocks
- To locate info from a web page, currently we can do a plan old http request and get the raw HTML back, but we have to parse it ourselves = Nightmare in App Inventor.
- Being able to request a page and turn it into a structured object that a student could more easily use would be nice.
- Dynamic component creation

Documentation

- Pixel manipulation - so that we can incorporate the media computation work. - *get/set pixel already exists needs better documentation*
- Explanation of WebDB capability/responsibility
- discovering features

Programming Environment

- Sharing code across projects
- Collaborative development of code like google docs
- Search Blocks for code
- Organizing Code Blocks
- copy paste across screens or more powerful than status quo – date?
- Debugging
  - Single Step

Future

- Another round of summer of code?
- Open source?
Priorities

- **Component Developers Kit**
  - modularization
  - not insignificant but very powerful and lots of potential
  - collaborative

- **Help empower the development community**
  - Share/Improve developers documentation
  - Opening the code base
  - local faculty advisors for senior design type project

- **AppInventor Mobile Development Scholar**

Already Upcoming Technical Changes:

- Gallery
- Wireless
- Blocks in browser
- Block to text
- Merger
- Fling
- Background Android Services
- Camcorder