**iGEM Competition 2012**

**BioSearch**

The First iPhone App For Partsregistry

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**Why We Need BioSearch?**

We have made a survey among other iGEM team members.

**Question1:** Registry of standard biological parts ([http://partsregistry.org](http://partsregistry.org)) provides users with a search bar on the top of the right corner. Are you satisfied with its searching result?

**Question2:** Will you expect us to make Partsregistry an iPhone App

Our survey results show that 54% participants agree that the searching function of Partsregistry needs to be improved. Therefore, it’s our responsibility to make it more convenient for researchers to search for their desired biobricks. Another survey shows that over 85% of iGEM participants are in an urgent need for an iPhone App about Partsregistry. That strongly demonstrate the significance to proceed this project.

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**Features!**

**Optimization Making of Search**

2. Give priority to parts that are well characterized and documented

**A Powerful Database**

13442 BioBricks

Every BioBrick has 40 pieces of information

**Off-line Search**

User can use BioSearch without internet

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**Tutorial**

- **The Search Page**
  - Enter a keyword
  - The Catalog Page
  - Parts By Type
  - More optional choice
  - The design page

- **The Result list**
  - The second level search
  - The Favorite Page
  - The The page

- **The Detail Page**
  - The description page
  - The design page
  - The Synbio info
  - The feedback page

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**User Review**

After we finished the development of BioSearch, we released Beta version of the software to Chinese users. There are more than 40 users in less than one week time, and we make an another survey among them.

The figure shows that more than 60% of the users think our software is both functional and beautiful. We believe you will also love it!

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**For More Information:**

[http://ooc.igem.org/?team=SUSTC-Shenzhen-A](http://ooc.igem.org/?team=SUSTC-Shenzhen-A)