

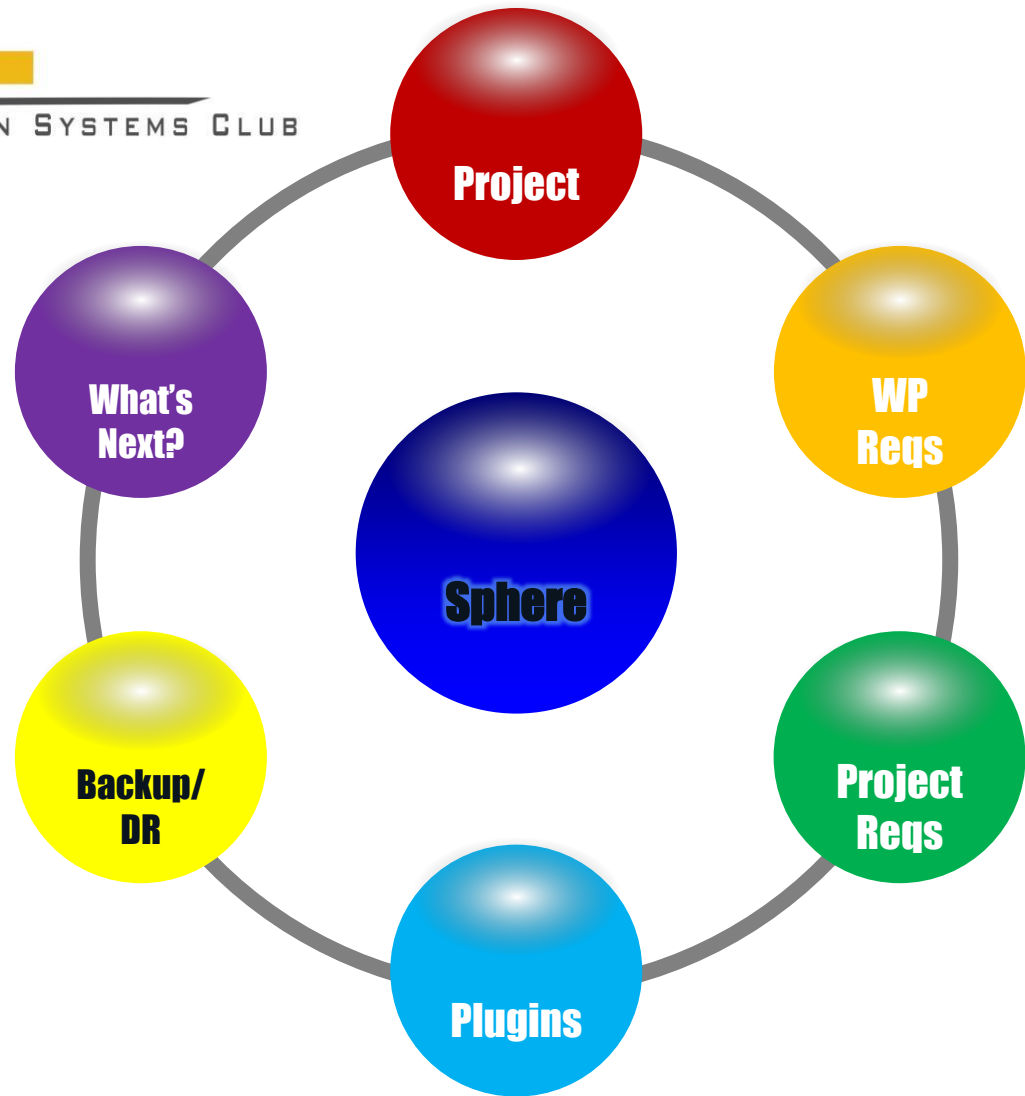


DISC

DEPARTMENT OF INFORMATION SYSTEMS CLUB



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The Team



Han Kim



Catherine Phan



Don Reese

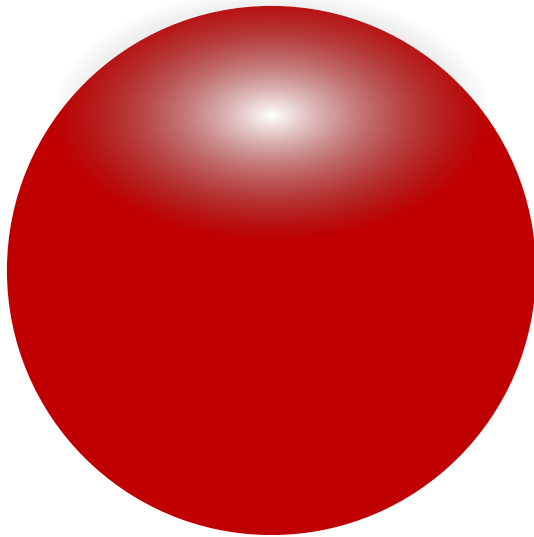


Michael Spitzkoff

The Project

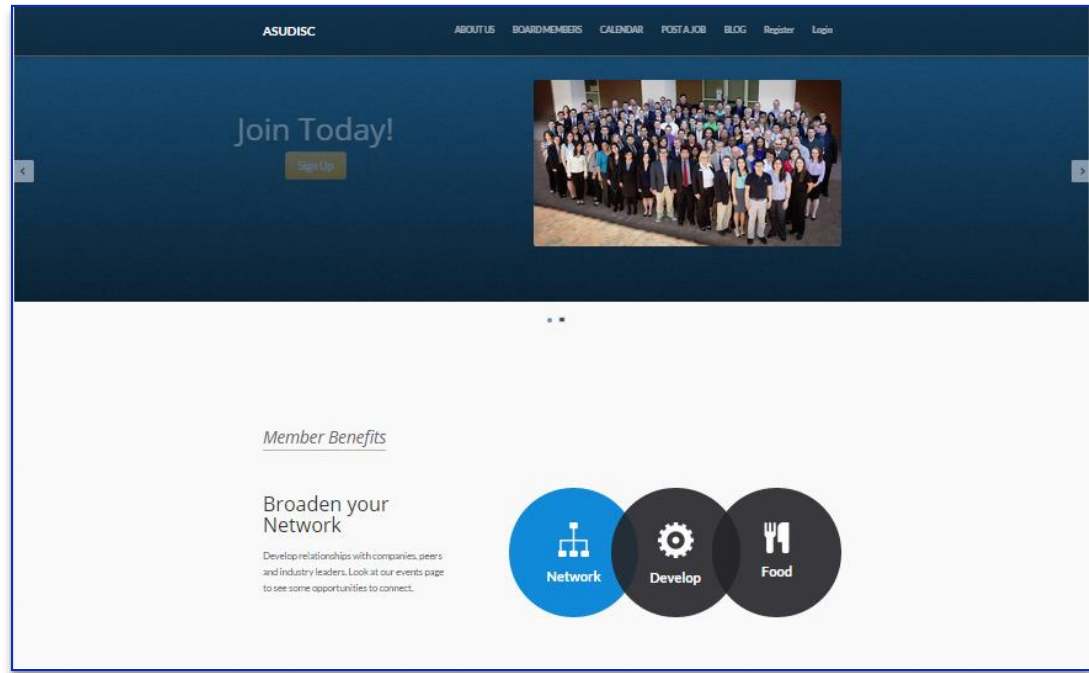
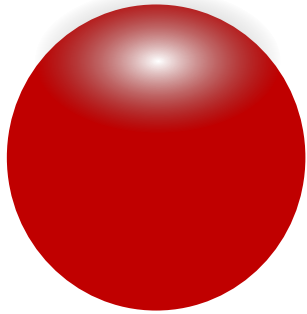


DEPARTMENT OF INFORMATION SYSTEMS CLUB



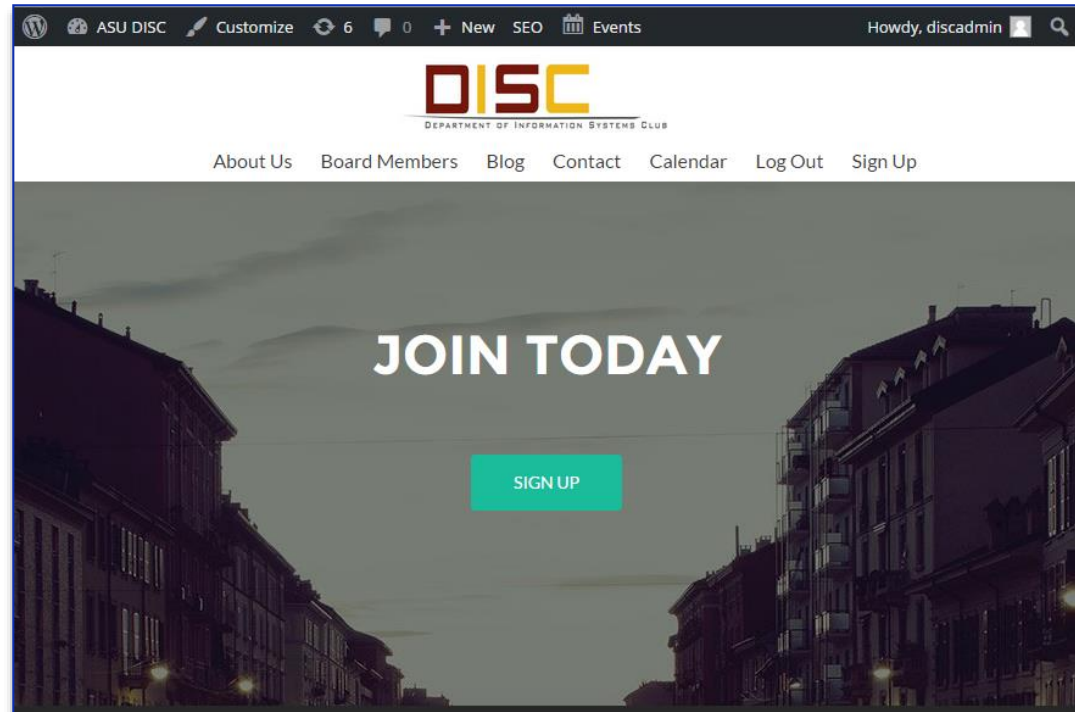
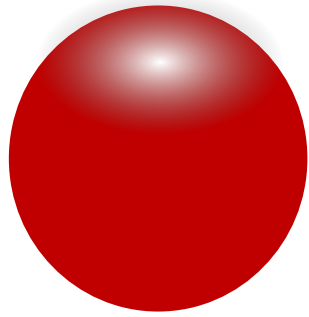
**Create a new
website for ASU's
DISC that is
accessible,
extensible and
more easily
maintainable**

The Project – Old



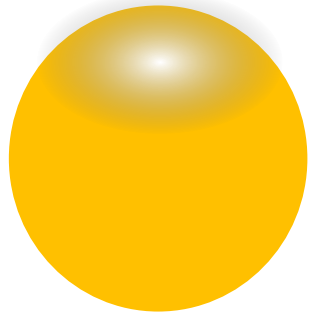
Created by alumni member and based on Ruby on Rails:
Not easily maintainable.
Not easily extensible.
Not very accessible.

The Project – New



Based on WordPress:
Industry-Standard PHP, MySQL, HTML, CSS
Easy to Maintain!
Easy to Extend!
Very Accessible!

WordPress Requirements - 1



How to get WordPress

Hosted by WordPress.com:

No muss, no fuss, with limitations

Hosted by an ISP:

No muss, no fuss, some limitations

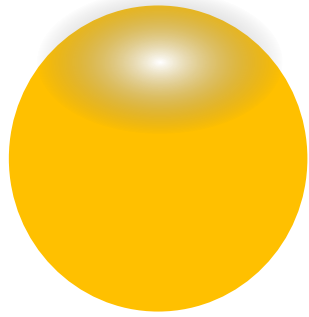
Self-install on an ISP:

Some muss, some fuss, less imitations

Self-install on private server:

Some muss, some fuss, no limitations

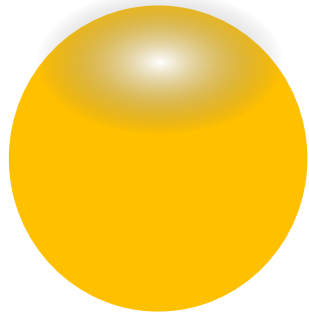
WordPress Requirements - 2



WordPress' Famous 5-minute Install

- **Download and unzip WordPress**
- **Create a MySQL database**
- **Upload WordPress Files**
- **Run WordPress Install Script**

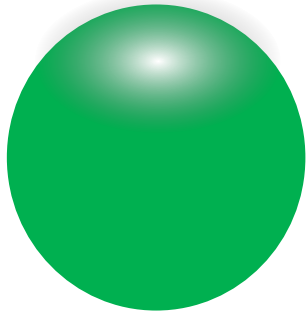
WordPress Requirements - 3



The 'Tech Stack':

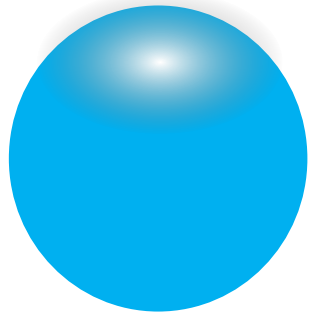
- **PHP version 5.6 or greater**
- **MySQL version 5.5 or greater**
- **Web server (Apache, Nginx, IIS)**
- **That's it!**

Project Requirements



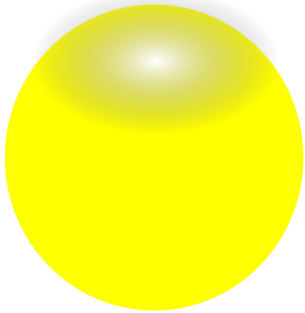
- **Member Registration/Login** *Working!*
- **Member/Event Database/Reports** *In Process*
- **Event Calendar/Attendance** *In Process*
- **Blog Roll/Social Media Connectivity** *Working!*
- **Photo Gallery** *Working!*
- **Future Enhancements**
 - **Resume/Job links**
 - **ASU ID Card Swiping**
 - **PayPal Integration (Membership Dues)**

Plugins Required:



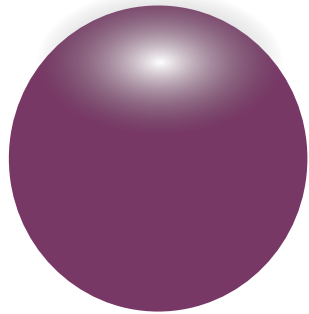
- **SEO/Anti-BlogSPAM**
- **Database Extension**
- **Photo Gallery**
- **Event Calendar**
- **Facebook Connector**
- **Cool Parallax-scrolling Theme!**
(OK, this isn't really a plugin, but it is cool!)

Backup / DR



- **Export function → XML File *Working!***
Posts, Pages, Comments, Custom Fields, Terms, navigation Menus, Custom Posts
- **FTP/Zip Files**
This gets all of the Plugins, Pictures, etc.
- **SQLDump the Database *Working!***
Mostly covered in the XML Export, but handy to have

Current Tasks



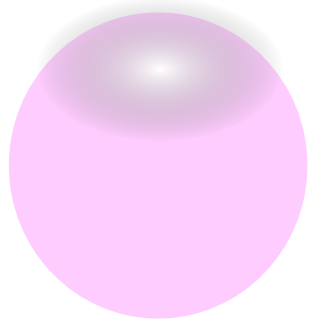
- **Extend the Database/Add fields**
 - **More difficult than anticipated**
- **Event Calendar/Attendance**
- **Customize color palette**
 - **Current theme needs to be upgraded to 'Pro' edition or customize by hand.**

Feedback Received



- **Positive and Enthusiastic**
- **Minor suggestions board member photo placement**

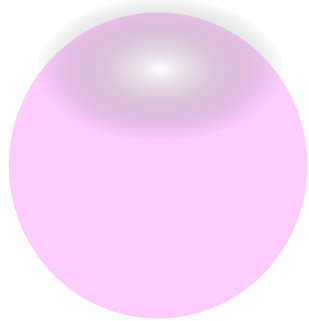
Testing



Participants asked to evaluate the following:

- **What is the purpose of the website?**
- **What are the functions of the website?**
- **Are the function tasks easy to accomplish?**
- **Is the website visually appealing?**
- **Are the menu and links easy to navigate?**
- **Is the website easy to use overall?**
- **Etc.**

Testing



Hallway Testing

- Random participants test usability and functionality based on guidelines

Paper Prototype Testing

- Participants carry out different tasks on sketched screens of app

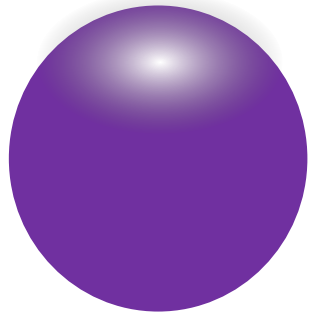
Questionnaires

- Participants given list of questions after completing tasks

Cognitive Walkthroughs

- Developer walks through set of typical user tasks and predict user behavior

What's Next?



- **Prepare for Production Transition**
- **Add New Functionality via more Plugins!**
 - **Resume/Job database**
 - **Alumni Networking/marketing**
- **Change Themes!**
 - **Super Customizable**
- **Sell Stuff!**
 - **Add a StoreFront/Cart**
- **Almost Unlimited Potential!**

Thank You!

