# Unit 7: Website Wireframe Assignment

My project website will be a mash up site with news and links to curated open source projects which have been recognized as interesting, innovative, or highly functional and pervasive. I would also like to author some custom content about user experience while adopting open source alternatives to commercial software. For example, MATLAB is commonly used commercially, and I would like to demonstrate replication of some basic MATLAB tasks in R. Also, some standard Excel macros recreated in OpenOffice would be an interesting content addition in my opinion.

Related to the content above, a “Tutorials” page on the site would offer links to recommended tutorials about using some of the highlighted software for users migrating from commercial proprietary software, such as Windows, .NET, MS office, IIS, etc. Some of the videos appearing in this course’s weekly assignments might be candidates for this page.

My inspiration comes from new open source applications such as MariaDB, Ghost & others mentioned in [this InfoWorld article](•%09http:/www.infoworld.com/slideshow/137731/the-top-10-new-open-source-projects-of-the-year-235119), as well as older established & successful open source offerings such as Gnu/Linux, apache-supported projects, etc. I’ve noticed that some of the most recognized developers of successful open source software have moved from early successes to newer groundbreaking work. For example, Linus Torvald’s work included the Linux OS, but he also developed GitHub later (both of which are part of this IS 683 course). A “Community” page of biographical content for prominent open source community members could be created along with links to past & current projects/work.

Another prominent page should be a “Projects” page where award winning software is categorized based on utility. Obviously, users can search through various sites to find a particular software release, but this site would add value to users who may not know how to search for a specific title or how to evaluate the merits of the application.

Since there are a few different “free” or “open source” type licenses, I would like to include some content about the Free Software Foundation, Open Source Initiative, Apache Software Foundation, MIT License, etc.

If not too technically challenging, I would like to allow a user to register with the site & indicate certain preferences for types of software or explicit releases to track. The site would allow users to see change history for specified software releases, and receive highlighted notices about new developments in a target software class (e.g, such as “databases”, “web/application servers”, “content management platform”, “image processing”, “desktop publishing”, etc). This may be difficult to implement depending on whether classification keywords can be obtained from various repositories.

# Links/Reference

* <http://opensource.com/>
* <http://www.infoworld.com/slideshow/137731/the-top-10-new-open-source-projects-of-the-year-235119>
* <http://en.wikipedia.org/wiki/Internet_Hall_of_Fame>
* <https://okfn.org/opendata/>
* <http://opendefinition.org/>

# Site Wireframe Layout

|  |  |
| --- | --- |
| X:\usr\spb\tmp\Dropbox\NJIT\IS 683\project_website\images\bsd_daemon_tile_coaster.jpg  **Site Identifier**  Free & Open Info  **Header Area**  **Primary Nav** | |
| News  Tutorials  Community  Projects  Create your Free & Open user profile to track releases & related tech developments  **Add Logo/Background Image/Slogan**  C:\usr\spb\tmp\Dropbox\NJIT\IS 683\project_website\images\arrow-1.png  Your Name  Your Email  **Register** | |
| Free & Open Source Code Development **Section Title**  Welcome to the **Free & Open Info** site, an introductory news and reference resource for locating free and open source software projects and associated development communities and distribution networks.  ……………………………………………………..  ……………………………………………………..  ……………………………………………………..  ……………………………………………………..  **Content Area** | **Secondary Nav**  MyProfile  About  Archives  ISOC Hall of Fame  Etc…  **Sidebar Rt** |
| Licenses **Sub-Section Title**  Free Software Licenses  Open Source Licenses  WTFPL |
| **Footer Area**  **Contact Info**  **Sitemap**  **Bonus links** | |