Google. Facebook. Reddit. Many of the ubiquitous websites we use today have one thing in common: a small team of dedicated individuals decided to put their skills to the test and bring their vision from concept to completion.

Now, it's your turn.

**Term Project Proposals: Due Monday, September 18, 2018, 11:59:59pm**

Rather than developing a project according to a spec that we provide, you will be providing the concept for a new website that meets a general set of guidelines as a project proposal (by the time this proposal is due, you will have the skills you need to begin development, along with a plan on how to proceed).

**Your proposal must provide:**

* The name of your team, and the names of its members
* Summary of your proposed project
* Description of each type of user and stakeholder, and how the site generates value for each
* A summary of the technologies you intend to use
* Any functional and non-functional requirements
* An estimated project schedule
* A site map demonstrating the basic structure of your site
* Two wireframes of pages that help to demonstrate the intended functionality

**At minimum, your project must meet the following requirements:**

* Functional (not necessarily identical) in the following browsers...
  + Chrome (latest)
  + Firefox (latest)
  + Safari (latest)
* Compatible with PHP 5.3, MySQL 5.x or PostGreSQL, Apache 2.2. Other stacks must be approved in advance.
* Your application must make use of the following in a non-trivial way...
  + Valid HTML5 semantic markup
  + Valid CSS3 (browser prefixes excepted)
  + Client-side scripting (JavaScript)
  + Server-side programming (PHP)
  + Database Connectivity
* Your application must support the notion of authentication and authorization (logging in and user roles/permissions).
* Your application must provide an easy means for administrative users to maintain it, without knowledge of the underlying technology.
* Your application must be easy to install, maintain and extend by future developers
* Your site must address all seven of the facets of user experience as discussed in class. Things like making the experience visually desirable and ensuring find ability do count!

**Resubmitting Proposals**

If your proposal received less than full credit and has issues that need to be addressed, your team may resubmit one week after receiving it with the appropriate changes. The proposal will be re-graded, and the new grade will replace the old.

**Term Project Presentations: In Class, November 30th & December 4th & 2018**

During the last week of classes, teams will demonstrate their projects for the rest of the class, fielding questions from the instructors, TAs and fellow students about the site and its underlying implementation. Signups for presentations will occur in the order in which proposals are approved (so the team that gets their proposal approved first may choose their presentation time slot first).

Presentations are limited to 15 minutes, and should include a brief introduction to the project, the specifics of the underlying implementation, and a brief demonstration of its functionality.

**Completed Term Project & Documentation - Due Thursday, December 7, 2018, 11:59:59 PM**

Regardless of when a team presents, all materials are due on LMS by December 7, 2018, 11:59:59 PM.

In addition to all of the code, your team must provide documentation for future developers of the site. This documentation must provide a complete breakdown of the various different components of your site and how the project is organized. An equally skilled developer should be able to reference this documentation to determine where and how to make changes to different aspects of the site if necessary. This documentation should also include any installation and configuration instructions - we will be following it when grading your projects.

Finally, the final submission should include a listing of each team member's contributions to the project (in Word, OpenOffice, or plain text format) called CREDITS.

**Grading**

All team members will receive the same grade for the project. Team members who do not significantly contribute to the project will not receive a grade. No late days may be used at any point in the project.

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| Project Proposal | 20% |
| Functionality, UX and Overall Execution | 30% |
| Quality of Code & Markup | 30% |
| Documentation | 10% |
| Final Presentation | 10% |