

# Team Undead

## Milestone 1 Report

### **Team Undead Members\***

Team Leader: Jason Tryon

Lead Programmer: Craig St. Jean

Graphic Designer: Mark Daniels

\*All responsibilities (programming, designing, etc.) are shared amongst all of us. Despite what our titles may indicate.

### **Contact Team Undead**

For any questions or comments in regards to Team Undead, their work, or a specific member please contact Jason Tryon at [jtryon@cs.kent.edu](mailto:jtryon@cs.kent.edu) or [jason.stormwind@gmail.com](mailto:jason.stormwind@gmail.com)

# Analysis of medphysics.com

The Associates in Medical Physics, LLC site has not been updated in at least a year. The site currently needs redesigned to allow the user better navigation and provide the user with more information. Also the site is very outdated and not visually appealing. The website looks very unprofessional and unattractive. The current audience for the website consists of prospective clients. Although, with the current site structure and information posted it does not look very appealing to the eye and could very well scare away any clientèle (no pun intended). Our main goals are to redesign and reprogram the site to make it more informative and visually attractive. Once the new site is up and running it will be maintained by Jason Tryon.

From a technical standpoint the site is very lacking, so-to-speak. As of now the site uses Javascript (unnecessarily), lacks a doctype, and the site is not XHTML 1.0 strict. What Team Undead plans to do is remove any unnecessary Javascript to start off. They would also like to use CSS to maintain unity between pages within the site. Flash will be used for any mild animations (e.g. Pop-down menus). Although AJAX might be considered to maintain site unity. Software that will be used to develop the new site for Associates in Medical Physics, LLC will be Adobe Photoshop, GIMP, Macromedia Dreamweaver, and Flash CS3.

Currently, while the site has structure, it is very juvenile and the information presented is not very useful nor is it appropriately presented to the user. A prime example of poor layout and information may be found in the About Us section of the Associates in Medical Physics, LLC website ([www.medphysics.com](http://www.medphysics.com)). The major problem here is that the site is too narrow (in some cases quite literally) and the information is presented in a juvenile manner. The major problem with this site is it's layout. Currently the links to navigate are clustered near each other. Some links are presented on the left in a column while others are presented immediately below. This adds confusions as to where important information may lie. In addition to having links scattered/clustered they are also duplicated (e.g. Educational Services).

One more problem that must be faced is how to present the information. As mentioned earlier the information currently presented is visually unappealing and unprofessional. The amount of context for various items, most notably with Services, is not necessarily the problem but in the manner in which they are presented.

# Project Summary

As mentioned before Team Undead's goal for this site is not so much to create new and more elaborate information but to take take what's currently available and present it in a more fashionable way. This was decided upon by Jason Tryon and a member of Associates in Medical Physics, LLC.

The first course of action is to scrap the current layout and go with a design that's a little more modern. The core design should be used throughout all the pages. The logo will be present in the upper-left corner with the title Associates in Medical Physics, LLC running along the top as well. Right below the title the links will reside. Each of these links will bring up (or down) a column with more links. An example of this would be the Services link. Once the mouse is ran over it a column will appear giving the user more choices (e.g. ICANL, Education, Nuclear Medicine).

Regardless of what link the user decides to click on the basic structure of the page will always be the same. Same logo will be at the top of the page as well as the same links that were available prior to the users decision. The only difference between the links will be the content held within. Different information and possible visual aids will differ between each link the user has available to them.

Flash will be used to handle any sort of special effects (e.g. Pop-down lists). But Flash will be held to a minimum as not to waste bandwidth. Currently the goal is to use CSS and AJAX to create a unified website. The only flaw that can be foreseen with AJAX would be the end-users inability to bookmark a specific page. Team Undead believes that this is a small price to pay in order to create a unified and easily approachable website.

# **Project Requirements**

- 1) Provide the following links for the user: Services, Educational Services, Home, About Us, Certifications, Corporate Offices, Class Registration, Regulatory Updates
- 2) The company colors will be used throughout the website. The colors will be persistent with each page so as to keep a feeling of familiarity and unity.
- 3) Create a navigation toolbar to allow the user to more easily navigate the site.
- 4) Each of the above mentioned links will have a pop-down list with it's own respective links (as necessary).

