

Project: Design Document

Joseph Boateng

Purpose:

A web-based learning platform has become indispensable in the educational environment of the 21st century. It offers almost all the facilities that the traditional classroom environment could offer. A typical web site for instruction and learning purposes consists of components for collecting, organizing, storing, and sharing essential education materials. It provides the requisite platform for interactions and development of ideas among peers.

My objective is to create a web site that encapsulates the above-mentioned elements for effective teaching and learning outcomes. Primarily, the purpose here is to systematically build the requisite competencies and, in the end, showcase the progress made in regards to proficiencies in the instructional technology. In this respect, and in reference to existing well developed web sites and the required readings on website development, this web site will be organized into segments to host all my previous and current course materials, assignments, and information sourced outside the course. The website will showcase artifacts, field experience, and the extent to which NET-C standard have impacted my professional development in the entire period of taking the instructional technology course.

Needs Assessment:

Learners, parents, administrators, and instructors prioritize easy access to salient academic materials over many other needs. Moreover, ability to maintain standards and ensuring ethical responsibilities of providers and users is considered very critical when it comes to technology in education. I have taken time to go through the requisite textbooks and other existing works in the literature that suggest remedies to those concerns. This website will be tailored to meet those needs and expectations. The links that will be created on the web site will account for readily access to learning materials. It will also articulate measures that are in place to ensure standards and ethics on the part of teachers, students, and administrators. In doing this, I am mindful of the technical abilities of myself and other audience, course content, and expected learning outcomes (ref. TPACK standards).

Audience

At this stage, and for the purpose of this web site, the target audience are my peers in the course and most importantly the course instructors and program advisors. I also intend imploring my students in public policy class to access the web site. This particular venture will help to shape the website for effective utilization in the near future.

Content/Subject and its fit with web site goals:

Audience to the site can access the following information;

- An introductory section detailing background and academic information about the developer of the site
- A link to the University of Akron Homepage
- Contact information- Email, Telephone, Twitter, Facebook, etc.
- Links to CV and Resume
- Links to key subject areas
- Links to the NETS-C standards
- Links to the TPACK website and articles on the TPACK standards □ Multimedia links such as videos, audios, photos, etc.
- Discussion dashboard offering audience opportunity to share their views

These links and information will provide an overview accounts of the developer's personal information, philosophy, and expectations. It will also provide a framework to measure and appreciate the developer's progress in the course. In the case of peers in the class, materials and the links will provide a resourceful information to enrich their knowledge.

Presentation/Organization

The homepage will display the content of the website in a simple but aesthetic fashion. It will consist of photographs and a brief background information about the developer. Under the introductory section there will be links to contact information and professional and academic accomplishments of the developer. Basically, the major links will be presented horizontally with their sub-links done vertically.

Rational for Organization:

In designing this web site, a number of web sites have been visited to ascertain how to develop a less complex but effective one to serve the present purpose. Organizing the site as stipulated in this proposal will allow people with relatively limited knowledge in information technology to access or patronize the platform with minimal difficulty. The contact information provided will serve the purpose of encouraging feedback for continuous shaping of the site and the ideas thereof. The horizontal and vertical presentations will minimize challenges that are often encountered in looking for specific information on a subject matter. That is, this organizational format can eliminate overlaps and allow the visitor to find the specific information being looked for.

Media, acquisition or development, and rationale for using:

All forms of media are essential components of a web learning platform. Hence, efforts will be made to develop and when necessary access from other sources to display and effectively convey the links and their content to the audience. When possible, online database will be displayed using symbols or other forms of graphics.

Color scheme and rationale:

At this initial stage, color schemes have not been fully explored to select the best combinations for the web site. Since this platform seeks to garner the participation of diverse audiences, it is imperative not to let my personal interest supersedes those of others. As much as possible, the

color scheme to be used will have professional appealing. At present, I am considering using black for the text, white background, with blues and light green displaying the links.

Outline

- Home Page
- About Me
- ○ Photo
- ○ Biographical Information
- ○ C.V ○ Other Academics
- ○ Contact Information
- Leadership
- Instructional Design
- Professional Development
- Teaching and Learning
- Multimedia Development
- Other Useful links
 - TPACK.org
 - National Education Technology Standards ▪ Articles Database

