**JOB FUNCTIONS AND STANDARDS**

**GOAL 1: Improve Extended Campuses operational efficiency by developing high quality, robust software applications.**

7/2/2014-8/19/2014: Project Name: Landing Pages

Improved the FormattedBodyContent Ektron widget by implementing dynamic text editor, insertion of images/videos, and insertion of URL links. The development of improving this widget was very complex as cohesion between third party libraries and Ektron was needed in order to implement the mentioned features. The end result was a widget that would allow for non-programmers to type out documents, insert images, and create URL links in a single editable webpage with visuals that looks very close the printed content.

11/18/2014-12/11/2014: Project Name: EC, Yuma, Yav, PL Widget Maintenance

Developed and implemented an Ektron widget and web control hybrid for use in EC, Yuma, Yavapai, and PL. EC development focus towards EC Site Management but continuing maintenance in Ektron sites called for a new widget/web control hybrid to be developed. This new type of hybrid could be implemented as both a droppable widget for ektron sites or called in a Visual Studio C# site; and be functional in the same manner for both environments. For this project an existing widget was already created; however, this widget needed to be imported and converted into the hybrid version.

1/15/2015-5/6/2015: Project Name: State Regulatory Compliance

Using the MVC process, created the base structure for Compliance webpages. Also implemented many of the user interface controls. This project was one of the first to implement the MVC process in conjunction with TME pull system. The process enables for developers to divide up code development into specific segments and allows for specialized talents to be utilized. For this project, created the base structure for user interface elements to reside; in addition, created many of the user interface elements.

*Reasons:*

**GOAL 2: Speed information delivery with integrated systems and a single database platform.**

8/28/2014-9/23/2014: Project Name: Landing Pages

Developed code to allow for the viewing, insertion, and deletion of an image through an Ektron widget to the EC databases. Each feature, viewing, insertion, and deletion required its own SQL code to be developed. The main interface for this project is Ektron, heavy attention had to be turned to user interactions; as such, the widget had to be responsive enough so that database calls were executed directly and quickly.

9/30/2014-10/8/2014: Project Name: Admin Connect

Modified SQL in the TC Load Manager Admin page to allow for the viewing of the list of Coordinators and specific associated 2NAU Campuses. The main interface for TC Load Manager is an AJAX supported website. Thus there is heavy use of database calls in a dynamic manner. The SQL developed not only had to return quality information but had to be integrated into this system and work seamlessly.

11/17/14-11/18/2014: Project Name: Site Management: Admin Blog Maintenance

Modified code and access to EC Blog pages to allow for automatic viewing of specific blog categories: New, Press, Ideas. By modifying the URL Aliasing for the EC site was able to allow for quick links to be used in marketing materials that direct viewers of the blog to specific categories.

*Reasons:*

**GOAL 3: Reduce cost and maintenance cycles by utilizing industry standard hardware and software components.**

11/18/2014-12/24/2014: Project Name: EC, Yuma, Yav, PL Widget Maintenance

Developed and Implemented an Ektron widget and web control hybrid for use in EC, Yuma, Yavapai, and PL. The hybrid control was developed to be a bridge between Ektron sites and EC Site Management sites. As a hybrid control, it can be dropped in an Ektron site or implemented into Visual Studio C# code; while maintaining the same functionality between the two sites. EC saves time not having to maintain two separate controls that have the same functionality.

1/15/2015-5/27/2015: Project Name: State Regulatory Compliance

Utilizing the MVC process the team was able to develop and implement a new web page with full functionality to read and write to EC databases. This project was one of the first to implement the MVC process for a project. The MVC process allows for the separation of code segments and utilizes developer talents and specialization. In utilizing the MVC process the team was able to develop a new web page with database supported information retrieval and posting.

*Reasons:*

**GOAL 4: Continued ability staying productive in the use of current development software, languages and techniques used within the Extended Campuses Web and Database environments.**

7/9/2014-7/17/2014: Project Name: Landing Pages

Researched multiple code development processes to implement insertion of images into an Ektron widget. The goal set forth was to be able to allow users to insert images into a webpage. There are multiple paths for the code to be developed in order to accomplish this goal. Research image insertion via strict HTML, Ektron supported libraries, JQuery libraries, AJAX libraries, and more. In the end I was able to choose the best option for EC.

10/8/2014-11/7/2014: Project Name: Admin Connect

While waiting for information confirmation, explored many different data retrieval options that could be used in displaying information to the TC Assignment user interface. After initializing communications between the front end of TC Load Manager and EC databases

3/26/2015-5/27/2015: Project Name: State Regulatory Compliance

The project did not have a final design documentation. Took the initiative to implement stylizations and end users experience.

*Reasons:*

**BEHAVIORS FOR SUCCESS**

*Commitment to service*:

* Provided help to student workers in debugging sql code. Assisted coworker in Ektron development.
* When planning out the tasks for a project able to provide a good breakdown of tasks needed
* Happily greets all EC members
* Quick to help coworkers
* Critically evaluates users interfaces to be student minded

Commitment to the mission of the university and work unit

* usually observes all conversations before speaking
* always respectful to others
* ?
* always available to assist student workers
* ?

Commitment to the mission of the university and work unit

* ?
* Helped Dylan with Ektron
* -
* keeps users in mind for UI testing

Positive approach to change and improvements

* ready to embrace GIT
* -
* attending Web Pro meetings
* -

Personal accountability for own work, words, and actions

* -
* -
* talks to BA's before each project
* -
* criticizes own work
* attends all training meetings
* good at debugging
* -
* -