Opportunity and Significance

- Students in the OPT Training Program are required to submit regular reports and evaluations.

- Staff members part of the OISS office have to review the reports and convert the approved reports into a XML file to be submitted into the proper government facility.

- In order to help orchestrate this process the OPT Reporting website allows students to submit their information. The website processes the information and displays it in a comprehensible grid in the staff portal.

Related Work and State of Practice

- Wayne State currently uses a very outdated website for their OPT students. The current forms are not aesthetically up-to-date and have alignment issues. The current colors and buttons are out of place.

Technical Approach

- When a student enrolls in the OPT program they are given an EAD Start Date and an EAD End Date that determines how long he/she would be in the program. Using these dates our application would track the student’s employment status, when to send out automatic email reminders, and create XML files that will be sent to government officials for evaluation.

- If students fail to report any changes to their personal or employment information at given deadlines, they will be notified daily via automatic emails.

- Administrators can view statistics that reflect the current status of all enrolled students.

Accomplishments and Results

Technical Objectives

- Automated Email System
- XML Generator
- Staff Portal to View Students in System
- Student Portal for student to submit and update information
- Using the following technologies
  - HTML5/CSS3/JavaScript/JQuery/JQWidgets
  - Bootstrap/PHP/MySQL/Google API

Next Steps for Development and Test

- We have deployed with the client and they will use our reference material to continue to improve and maintain the website.

Commercialization Plan & Partners

- Our group worked with the following people
  - Jonathan Hicks (Client)
  - Rakesh Porob (Client)

- In order to deploy the website our group worked with Hussein Mehdi (Client’s Assistant).

- The main hurdles for our group were connecting to the FSA Server for login process and the deployment of the website on Wayne State’s Server.