International Student and Scholar Check-In

Opportunity and Significance

We have been given the opportunity by our client, Jonathan Hicks, to remake a web application that aids students and scholars wishing to attend Wayne State University. The significance of this project is that we will be creating a web application that simplifies an otherwise complicated process of attending Wayne State University as a guest from a foreign country.

Technical Approach, Accomplishments and Results

For our technical approach we are using various web technologies (see Technical Objectives). As for accomplishments and results, we have created a web application that assists the user in many different ways such as prefilling user info with SEVIS, verifying addresses with USPS, implementing a stepped form, and general ease of use through user friendly design.

Next Steps for Development and Test

Any remaining work to finish this project will be final changes to the UI, bug fixes, and the testing of each portion of the web application to ensure deployment by the end of April.

Technical Objectives

For ease of use and maintenance for WSU Staff, we have chosen to use HTML, CSS, JavaScript, and jQuery on the client side, PHP on the server side, and MySQL to store our data. Our main technical objective is to create an easy to use, clean, automated solution for the process of International Student/Scholar Check-in at Wayne State University. This application will consist of 3 main parts: a sign-up application where students will sign up for a Check-in session, an Administrative application where the Check-in process can be managed, and a Check-in Wizard where important data is collected.

Related Work and State of Practice

This web application is a complete remake of a similar application used by OISS. This program was built from nothing with the intention of making it much more user-friendly and to simplify the Student/Scholar Check-In process.

Deployment Plan & Partners

Office of International Students and Scholars

Johnathan Hicks, our client, will be helping us deploy our application for use by Students, Scholars and OISS Faculty.

The main steps we need to take to deploy our application are as follows:

- Application must be easy to use
- Application must be free of errors
- Application must pre fill data where applicable
- Application must meet the Wayne State design template

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