

# Statement of Work: The GUMDROPS Initiative

## Introduction/Background

The University of Louisville's College of Business has many students of many majors. One growing major is Computer Information Systems (CIS), in the past few years it's gone from a major to a major with 3 types of concentrations: Information Security, Web Development, and Business Process Management. With this growing major and demand in the workforce, more and more students are choosing this path as a major. With more students peeking interest the curriculum to some can be daunting, new and difficult. It has been noted that the retention rate of students in the major is low due to some of the major course work classes being overwhelming to some students new to college and the field. To remedy this, The GUMDROPS Initiative has developed a Mentoring Program, to assist the College of Business to better accommodate to these student's needs. This project includes the development of a fully functional program that could be implemented by the College of Business to provide a system in which students and faculty can provide mentorship for new incoming students. It was found that students starting out, usually drop out of the major after taking classes CIS 199, and CIS 150.

## Scope of Work

With the tutoring and mentoring of new incoming students to the program, in effect it should decrease the number of students that drop out of the major. Upperclassmen and faculty offering advice, tutelage, and mentorship to underclassmen is the kind of support and encouragement a new distraught student might need. With the mentorship program in place the hope is to increase the amount of students that graduate from the CIS program at the College of Business every year.

## Period of Performance

The process for developing the mentoring program will begin August 19th and end with a final presentation to the client before December 10th. The project will be implemented following the final client presentation and will stay in effect as long as the CIS program within the College of Business at the University of Louisville chooses.

## Place of Performance

The majority of the project will take place at the College of Business at the University of Louisville. A small part of it may be done off campus. Final project will be implemented at the College of Business CIS department.

## Work Requirements

Developing the mentorship program begins with the creation of an entity relationship diagram, which the data would be developed using MySQL. Our UX/UI software we have chosen is WordPress. The theme we will be using is Astra and the plugins we will be using are WP-DPManager for database backups, PayPal donations for donations, Theme My Login for user login and authentication, WP Job Manager for job postings, and The Events calendar for posting of events. For our Domain registration and hosting we will be using HostGator.

## Schedule/Milestones

Milestone	Deliverables	Time to Complete	Due Date
Iteration 1	ERD, UXUI-	3 weeks	September 30th

**Statement of Work**

	WordPress, Project Proposal, Project Progress Report #1, Prototype 1		
Iteration 2	Project Prototype, Project Presentation, Project Report #2	2 weeks	October 14th
Iteration 3	Project Prototype, Project Presentation, Project Report #2	2 weeks	October 28th
Iteration 4	Project Maintenance, Project development, Database, design and development, Finalized Project report, Final Project Presentation	3 weeks	November 19th

**Acceptance Criteria**

Client will accept deliverables in the form of presentations that will be held at the College of Business throughout the performance period. Additionally, project update reports will be provided throughout the semester in the form of Iterations 1-4. The final product will also include a final report detailing all information from the project. The client will be the only one authorized to accept the work and will determine when and if the deliverables are acceptable.

**ACCEPTANCE**

**Team Members:**

Mary Alice Klump: Project Manager



Allen Corona



Kimberly Dil



Cedric Fenn



Whitney Jewett

**Statement of Work**



Lisa Nguyen



**Approved by:**

Date: