Faculty Mentor: Dr. David Pistrui

Sponsor: IIT Collaboratory for Inter-professional Studies under the Auspices of the Ed Kaplan Entrepreneurial Program

Introduction: Throughout this summer IPRO/ENPRO, there were two general areas of focus: 1) Business Planning and Strategy Development, and 2) Design and Development of Web Based Software Systems. Students who worked on the Business Planning and Strategy Development team focused on activities related to research, analysis, marketing, planning, organization design, budgeting, as well as with studies and beta testing. The students who focused on Design and Development of Web Based Systems reviewed the design & architecture, assessing and revising basic program functions, and developed a series of requirements for future versions. The overall emphasis was to identify, describe, and document user & design requirements that will be used to developed future versions of the SMS software.

Teams, Tasks and Goals:

Teams, Members, Standings and Majors	Goals
Technology & Design Development Software Redesign ▪ Casey Ligas (Senior, CS) ▪ Go Nakagawa (Senior, CPE) ▪ HuanKiat Tang (Senior, CPE)	▪ Analyze and critique the current software design. ▪ Identify and present a series of alternative design architectures. ▪ Make a series of recommendations to improve future versions of SMS.
Technology & Design Development Software Evaluation ▪ Kae Bin Tang (Senior, EE) ▪ Tak Man Wong (Junior, EE) ▪ Jihae Yoo (Senior, CPE) ▪ Syed Husain (Senior, CPE)	▪ Identify, organize and evaluate a series of different software systems. ▪ Analyze and create a rating system to benchmark and rank product/service offerings. ▪ Develop and present examples of how different software systems can be integrated and applied.
Product Development & Business Modeling Non-profit case study ▪ Jose Apolinar (Senior, CS) ▪ Yan Bolotin (Junior, CS) ▪ Raul Cancino (Senior, ME) ▪ Ben Manes (Senior, CPE-CS)	▪ Work with non-profit consulting staff and the SMS software to create a detailed Strategy Map, Assessment Report, Strategic Assessment and Development Report. ▪ Work with non-profit to develop an applied business revenue model.

Conclusions: The SMS IPRO/ENPRO is a work in progress. The SMS software is continually being updated each semester with the input from each previous semester's work. New features are integrated into the SMS software, producing a more developed and complete software system.