Integrated Information Technology
ITEC 564 Project Fall 2017
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Project Description
Create a learning management system (LMS) that includes the following features:
- Login with a paywall
- Learning modules for each chapter
- Quizzes and tests for each chapter
- Certificate upon completing the course

Product Development
Our product development was a crazy ride from the beginning. It took us some time to find the correct tool to build our LMS with. We decided to go with LearnPress (an add-on to WordPress) because of its reasonable price range and the fact that YesCarolina already used WordPress for their website.

Developing the actual LearnPress LMS took some time because we needed access to the YesCarolina website, but once we got access it was fairly quick to develop the learning modules.

We had the content for the first module and some other features so we finished those completely and built out a framework to make the process and plug and play as possible for when the rest of the learning module content is ready.

Personal Reflections
Michael: This project alongside other class projects has really taught me a lot about being a project lead/manager. I’ve had to learn how to juggle around my time between projects to make all of them successful. This project really made me work at figuring out as a team how we could solve the problem at hand. Matt and Kennedy both are much better than me at the actual building of a Website and using WordPress so I tried to enable them as much as I could even though I don’t understand the tool as well as they do. I stuck with what I’m good at which is talking and planning. I attended an event and met with Eva and Austin in Charleston and did my best during the planning phases to make sure we were set up for success. I think this taught me a valuable lesson of knowing when someone is more able than you at a particular job to get out of the way and let the process happen. I’m very grateful for my experience with this project and for working with YesCarolina this semester.

Matthew: For this project we have all had to step out of our comfort zone as a team to help see this through till the end. It felt more like a real job then just a class project which makes it such an amazing opportunity to get some real world training and deal with real clients with real deadlines. We got to sharpen a lot of the skills we have been learning throughout our college careers and use them as a team to successfully produce a working learning management system for a great cause, supporting youth entrepreneurship. It was difficult at first when we were not given much information about clients or the project and in that way we had to get out of our comfort zone. We were able to learn a lot from this project and see the value in what we were doing.

Critical Success Factors
• Some critical success factors to this project were:
  - Time
  - The success of LearnPress
  - Having content for the learning modules
  - What criteria determined the success of the project?
    - Having a functioning module
    - Having a working framework for the rest of the modules

Deliverables within Scope
- Deliver a functioning and completed LMS that:
  - Has an easy to use interface
  - Has a pay window
  - Has a final assessment
  - Award certificate upon completion

Cost / Hours
• There was no cost to this project this was a result of our client having WordPress and being able to use the LearnPress plugin.
• Planned for 200 hours and came in under budget at 103 hours worked

Conclusions and Recommendations
This project ended up being a handful but, after steady analysis and trial and error, we were able to give the client a completed first module and the framework to continue the project. We believe this project was a success given the adversity faced by our project team. The project can be completed by a project team next semester, but with the client being based in Charleston, I recommend the client have someone on staff finish the project.

Key Stakeholders
YesCarolina (yes@yescarolina.com)
Eva Rutiri – President of Programs
Austin Stone – Executive Director
Laken Radvansky – Videographer
Project Team (Kennedy, Michael & Matthew)
Dr. Karen Patten