ELEC3225 Applied Programming Concepts

Assignment #2

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**Comments and Suggestions:**

**Waterfall:** The approach my groupmate took on the waterfall model is very technical. Compared to my model, it is very simple. Although this is true, I think it does a good job to cover everything we need to have a successful system. The only thing that I would add to their waterfall model is have a larger validation/verification plan. With this project, I think that doing verification/validation as we finish one part is not practical. I believe that we will need to do validation/verification of the whole system after each part is complete, rather than just one part at a time. Overall, I think that we will have to go with a different model if we want to have a lot of success with this project and that includes ditching my waterfall method as well.

**Incremental:** Although very similar, the approach my groupmate took on the incremental model was again a more technical when compared to my incremental model. Overall, I think their incremental model was the best model, especially since I think we should choose this model when working on the project (simple but effective). They did a good job to explain the whole model with ease due to word efficiency. For example, explaining the plan of the code is more efficient than explaining why the code is written. The only thing I would change with their model, is to give a more in-depth explanations on how we are going to code specific sections. This can be done with a combination of both of our models. In short, I really like their incremental model, and I believe if we work together to create an incremental model, we will have just what we need to follow for success.

**Integration and Configuration:** With this model, my partner took a different approach compared to their other models. With the other models, they used a coding-based model that had the different sections broken up into finishing code. With this model they explained what they were doing with a lot more words. Some things that I would change about this model would be to add some website inspiration to figure out what you could base this model off. Although, you do not need to do this in the beginning, it would help to have a better guide for completing the model. Overall, I think that they have a good outline for everything for a good integration/configuration model but having the outside sources would really make this a great model.