*MIS 312 Term Paper*

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*Setup for this paper*

*This paper is the culmination of MIS 312 and is intended for you to tie together the key concepts covered in this course. The setting of the paper is for you to give a design pitch to the APC collective and to the developers you intend to employ in the implementation of the project. This paper will be your narrative describing how the top-down analysis was used to take the requirements given by the stakeholders through an analysis that leads to a physical design proposal. After the introduction/setup, you will show how your understanding of the final project was refined throughout the SDLC. You will draw from the assignments you submitted over the term to write this paper. I will be looking for you to take my feedback and other aids to stitch together a cohesive paper that clearly shares the context and the purpose for each step along the way.*

*By separating the headings in the paper, you can demonstrate the steps on how the SDLC modeling tools were used to design the solution for APC. I will also expect that you follow the template provided below. I will be looking for your narrative discussion (in 3rd person) to provide a well-considered overview of the system analysis process that you have covered this term. Each major section should have a brief setup and a brief conclusion.*

*If you choose to include large diagrams or tables that are too big to include alongside the text then create an appendix for large drawings and only include what is needed to support your narrative. Follow APA annotation practices (*[*https://www.reference.com/education/apa-format-70dbf937a837dc16?aq=apa+apa+format+paper&qo=cdpArticles*](https://www.reference.com/education/apa-format-70dbf937a837dc16?aq=apa+apa+format+paper&qo=cdpArticles%20) *) when providing a separate number/letter for each graphic in the appendix. You should also put a short paragraph with each graphic/table in the appendix to help the reader understand what they are looking at. When using graphics in the narrative text, crop out what is not needed. Use word wrap to let text flow around graphics. If you have to ask, use 1” margins and 10-point fonts.*

***Audience:*** *APC Collective and design implementation team*

***Purpose:*** *Support your physical design recommendation*

*Template for the paper below*

**Introduction**

Set up the context for the project and the system recommendation

Demonstrate your understanding of the needs for APC

Introduce the sections of the paper

**Analysis** major sections

* Functional Requirements
  + - * Building Use Case Diagram from functional requirements
      * Building Data Flow Diagram from Use Case Diagram
      * Building Entity Relationship Diagram from DFD
* Non-Functional design
  + - * Moving models to include non-functional requirements
      * Human Computer Interface Design
      * Program Design

**Design Proposal**

* Aggregation of functional and non-functional elements
* Recommend your physical design
  + Based on what you have learned this term, provide an overall recommendation for the major components of the TO-BE system
  + Don't worry about getting this exactly right, just state your proposal and justify your recommendations based on what you have learned about the needs of APC

**Separate Conclusion** for instructor

Give me your thoughts about using the SDLC approach to design an information system for APC. What did you learn? What did you find useful?

Separate reference page if needed

[https://www.reference.com/education/cite-apa-format-8cc5d718592e77f7?qo=contentSimilarQuestions](https://www.reference.com/education/cite-apa-format-8cc5d718592e77f7?qo=contentSimilarQuestions%20)