## **The Value of SDLC**

Members:

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System Planning

1. What is the purpose of the planning phase for this project
   1. Identifying the problem, and what kind of changes she desired
   2. Megan wanted a system for instant online communication with her team
2. What are the typical outcomes of the planning phase
   1. Have specifically what you want the system to do
   2. Assess whether the system is doable
   3. Have an overview on the project(when and how it’s going to be done)
3. How did not doing this step affect Megan’s project outcome?
   1. the system was confusing and didn’t seem to provide many benefits
   2. Not having a plan lead to inefficient and slow progress
   3. Functions simply didn’t exist, those that did didn’t work well
   4. Having no plan leads to poor communication amongst the team

Analysis

1. What is the purpose of the analysis phase
   1. The purpose of the system analysis phase is to build a logical model for the new system
2. What is the key outcome produced during the Analysis Phase?
3. A surveyed, well researched list of system requirements
4. In what ways do you think this project was hurt by not going through the typical Analysis Phase?
   1. Megan may have missed key features that her employees wanted
   2. System was confusing and inefficient.
   3. She could’ve examined other similar systems and taken inspiration

Design:

1. What is the purpose of the Design Phase
   1. To create a physical model that satisfies the required documents.
2. How do you think this project could have been improved by going through a typical Design Phase?
   1. Better user interface and could have more features that actually benefit the team.
   2. Translate all of Megan’s ideas of what the system should do into physical, tangible designs
3. Do you think Megan’s assistant and sales force members could have helped at all during the design phase? If so, how?
4. Ask them about the kinds of features they would want.
5. Members should have given feedback on her initial designs of the UI and functionality of the system.
6. They would’ve been familiar with how to navigate the features, and given feedback on how to make them more user-friendly
7. Megan’s assistants and sales team can be the testers for the system and give comments on how the program can be better and not be confusing.

Implementation:

1. What type of work is done in the Implementation Phase for a project like this?
   1. Programs are written and well documented so that it is easy to understand how to use.
   2. Evaluation: to check if the system works according to plan
2. What is usually done during the Implementation Phase to ensure that the users of the system are satisfied with it?
   1. Training of users to help with the transition into the new system.
   2. Testing with the user base
   3. Delivering a completely functioning and documented information system
3. Megan’s approach to “construction” was to throw something together and “tweak it around.” How do you think that approach contributed to the problems she is now experiencing with her project?
   1. Due to the lack of planning, the system was incomplete
   2. Without feedback, the system was not user friendly.
   3. Her approach was starting a project with no plan and trying to wing it so lack of proper research and feedback from her teams contributed to the failure of the project.
   4. ‘Seemed like an elaborate set of tasks’ -megan (famous last words). She didn’t follow any procedure and launched a system that was not functional, asked her staff to start using the faulty system, and in the end her staff still had to rely on pen and paper (old system)

The combination of several factors lead to the projects failure such as:

* Lack of planning from the Planning Phase
* Lack of feedback from the Analysis Phase
* The System was incomplete, which lead to bad user experience(lead to disinterest)

Megan failed to follow any procedures, which led to a dysfunctional, uncommunicative, and inefficient team.