

Course Project – Analysis of Unexpected Events

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Course.

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During most projects that are many unforeseen events during the development life cycle of a project. Due to the magnitude of our client, the U.S Army has hired us to innovate a new solution that not only saves and supports the lives of U.S military troops and Special Forces but is revolutionary in its conception. It is within the bounds of professionalism and duty that SacTactical anticipate a clear focused vision and plan to deal with any issues that may arise. Issues, that are relevant to preventing the loss of time, resources, expenses, and overall impact of the project's success. Unfortunately, there have been four separate issues handed down from our client the U.S Army concerning this project. So please be advised.

On Oct 15, 2015, The U.S Army notified us that the first Milestone payment would be 3 months delayed. Ineffectively this is going to impact the life cycle of the project. We will have to extend the life cycle of the project effective immediately. Advise management to plan and reschedule work efforts accordingly. also, material orders will need to be delayed facilitating the extension of the planning and preparing phase specifically for research and development. We will have to accept any materials on order as of now that have been pre-ordered and use document planning procedures to inventory and itemize accordingly furring the extension. I would like to allocate a small during this time to get a head start on the preliminary research for the specified materials and components for the refrigeration and radio module. This should take minimal time and allow us to get ahead once we get back on schedule. Also, with this extension, we will need to work on design documents, schematics, and to facilitate vendor and material tracking for parts. and get a head start on developing the initial prototype design. I recommend all team managers re-adapt scheduling to fit the current circumstances and we will

schedule a review meeting at the end of every month to see if we are prepared to meet the client's need and get a running start on the project. The contract is locked in unfortunately working with the US government these things happen. So, we will use our best efforts to get ahead of the game and back on schedule in 3 months.

On March 15, 2015, the client has informed us that the material pattern for the backpack will not be available to meet the initial production start date. Advise without this pattern that we put our focus more into research and development of the electronics and modules for the refrigeration system and radio module. These design efforts were an estimated risk to the timeline of the project due to the complexity then stringent military specifications we must adhere to. This will give us a little bit of lead weigh to focus on the more complex aspects of this project. I would like the design team to see if they can get some initial estimates on measurements for the depth length and width of the refrigeration pouch and the radio module. This will give us a step forward to acquiring the right components for the project ahead of time. As for the design team please Focus your efforts on researching and finding correct vendors material types that meet the military specifications that we know of.

On May15, 2015, the US Army notified us that they would like to increase their initial delivery from 100 backpacks 250. Project management will find out if the ratio for deliverables will need to be circumstantial and split evenly amongst the ground forces and Special Operations. But during this time design team wall need to use document procedures to accommodate the allocation of material needs. Also, research and development will need to reassess parts and components used for the refrigeration couch and the radio module. At our third end-of-month meeting we will discuss the new project terms including budget and acquisition what should very well increase. We will need to plan accordingly to

meet the demands and needs of our client's request so all teams when need to start preparing and modifying original workflow and schedule to accommodate this request. This increase means that the human capital will increase so we can facilitate the current plan what keeping in place specific delays while improvising for the adjustment increase of product. This will also facilitate the compensation for my work hours.

Conclusion:

According to Uncommon.com, flexibility must be a higher priority in project plans. Project managers need to plan for adaptability. Even if things are stable when plans are being designed there has to be flexibility to allow for a quick adjustment in the event of unforeseen disruptions. In order to be flexible uncommon, suggest building systems and contingency plans that allow project managers to quickly introduce new information into the decision-making process. They go on to say that this is what needs to be facilitated with flexibility planning. Also, that there are only two types of disruptions in a project that project managers must attempt to account for and those are anticipated and unanticipated disruptions. They recommend using contingencies to add flexibility to counteract project disruptions, when things go wrong, constraints, and additional work is needed to achieve project goals. They suggest writing a contingency plan alongside the original plan. A plan “B” essentially and spending some time trying to foresee possible a reoccurring or possible disruption in a project (*UnCommon, 2020*).

References

UnCommon. (2020, may 5). *How to Develop a More Flexible Project Plan*. Retrieved from <https://theuncommonleague.com: https://theuncommonleague.com/blog/adapt-to-unexpected-events>