This first part of the final reflection paper pertains to the five project development processes that were introduced in question b) of Agile Question Set #2 and subsequently covered in class. Simply reply to this message and add your answers for each of the 8 projects detailed below.

**1)**    **Installing a new accounting package for a large corporation:**Best Process: **Waterfall**  
Reason for choice: It is an installation, there are not many changes that you can do. You plan for a good accounting package and install it. For large corporations, its hard to keep changing an accounting package. Therefore, proper planning is necessary.

**2)**    **Creating a self-study course in restaurant management:**Best Process: **Iterative**  
Reason for choice: For a course we know the syllabus in a broader sense. We can make a plan for our self study course and start studying. During the process we may realize that we need to repeat some topics. So we iterate and revise them again. Thus an iterative approach would be a good approach.

**3)**    **Creating an entirely new vaccine in the midst of, and to protect against, a pandemic:**Best Process: **Iterative**  
Reason for choice: Vaccine is a very important product, it is going to affect many people’s health. Therefore it is important to have a lot of planning done to it and receive a lot of feedback. It’s a process of iteration  where we improve the product(vaccine) or its result/efficiency through successive prototypes AND we do NOT release the vaccine until we have perfected it. Basically we are improving, getting that feedback, improving, getting feedback and finally a successful vaccine.

**4)**    **Perfecting a new multi-grain bread recipe for a bread-making machine:**Best Process: **Incremental**  
Reason for choice: We can not test the bread until its fully made. Once completely made, we taste and decide on what ingredients to improve/change. This is an incremental approach. We are delivering and getting feedback on the product and delivering again with the applied feedback changes until finally we have a successful delicious perfect new multigrain bread recipe.

**5)**    **Designing and building a new park with picnic areas; an area for swings, slides and teeter-totters; a beach volleyball court; and a splash pad:**Best Process: **Incremental**  
Reason for choice: Designing a park has multiple “features” to be implemented. First we perfect the landscape, then probably start on swings then slides and so on. But we start by delivering the MUST HAVE feature which is the landscape and then continue adding more features. So it is an incremental process. We are delivering, getting feedback and improving and keeping on delivering.

**6)**    **Creating a new accounting package for a large corporation:**Best Process: **Agile**  
Reason for choice: When ‘creating’ a new accounting package, the requirements are dynamic and expected to change until the final product is as expected with all features taken into consideration.

**7)**    **Building a new 9-hole golf course:**Best Process: **Spiral**  
Reason for choice: Thinking about a golf course, and assuming that we only get a certain amount/area of land to build the course – planning is an important part of the approach. Let’s say we build our first hole and then realize that the 9th hole might not be as it should be. There is not much that can be done since we are “out of land”. Therefore, spiral method should be an appropriate option to build a new 9-hole golf course as we sequentially proceed while also getting feedbacks.

**8)**    **Making minor modifications to an existing software product:**Best Process: **Spiral**  
Reason for choice: We are making a minor modification. This activity might be a part of a larger phase project management approach. But in itself, the activity requires a simple and basic approach to implement the minor update. Therefore, spiral would be good as we can get feedback and go on sequentially.

Thank you. I was wondering if we could get an answer to this? Or well the 'best possible approach' answers? I want to know if what I am thinking is right and I am not missing any aspect about the processes.

Regards,

Punyaja

This second part of the final reflection paper pertains to **both** your team project and the course itself. Simply reply to this message and add your answers below. Please do not send attachments. The deadline for consideration for this 4-point credit is **Wednesday**, **December 7**, 2022 - the last day of classes. Thank you!  
  
**With regard to your learning:  
  
a)** In what ways has this course helped to **prepare you for success** in the future and your anticipated career?  
   Please note and explain how:

I wish to have a career in the Data Science field, more focused on Project Management side. Therefore, this “Fundamentals of Project Management” course was a great part of my career path. We studied about the different types of management approaches before but this project helped understand these 5 project management approaches in more details. I can explain someone else the difference in these 5 approaches. Not only that, the new concept of Lean, Scrum and new software like Kanboard were also a wonderful insight into the project management world. Lectures with Guest speakers, especially Kevin Aguanno was immensely helpful.

The Group project was a very helpful part of the course. A course’s evaluation should not be only done by final exam. Applying the learned knowledge practically is an important part of learning which this course included.   
  
**b)** Which 5 aspects of the course provided the **greatest learning opportunities** for you? Please note and explain how:  
  
#1 Group Project, handling the delivery of the project (and the group members to keep the project on track) was a great learning opportunity  
  
#2 Guest Lecturer Kevin Aguanno’s lecture was immensely helpful and engaging  
  
#3 The week with Peter Stumf was also helpful. It helped gain insight on real world’s management and its ‘issues’  
  
#4 Question Set in every week made us read and revise whether we wanted or not. Needless to say, it was an important step in this course to learn about the course’s contents  
  
#5 Finally the project presentation - my group’s presentation is next week but from what I saw the previous week – it is clear that there can be “mishaps” in real life and things might not go as planned, for instance, product demo did not work because we miss something very basic, it might be dumb, but very possible. The presentation gives an opportunity to prepare for the worst  
  
  
**c)** Which components of the course were a **waste of time**, from your perspective?  
   Please note and explain why:

I agree that Question Sets were VERY important part of the course. It made me revise and read every week and stay on track. We were even allowed to follow the exact sentences from text because these are important concepts and to be learned exactly. However, discussing these questions with those exact sentences towards the end of class would feel like a waste of time. It did not seem like we were ‘learning’ anything new.   
  
**d)** What are your **top 5 "takeaways"**from the course as a whole? Please note and explain why:  
  
#1 Real life projects can run into unexpected issues and it is important to be prepared for the worst  
  
#2 You don’t choose who you work with but you choose how to make your project work  
  
#3 Five project development processes and about them; which to choose in what situation  
  
#4 Scrum and how to implement scrum in real life  
  
#5 Difference between deliverables and tasks – seems very basic but we are NOT taught about these in general and the knowing about this difference is VERY important   
  
  
**e)** Is there anything you'd like to add here ... what have I overlooked in this regard?

Not really. The questions covered all important feedback questions. It was a good course and I definitely recommend it for anyone who wants a start in the project management.