

Assignment 2

1. Compare different development patterns
 - a. Prototyping is the practice of creating small viewable implementations of user features, used in the requirements elicitation stage of software development and is used to clarify vague user requirements. In incremental development, the software product is delivered to the client in small increments. This allows the developers to build their understanding of the less well-known requirements by starting with the requirements which are better understood and building upon them. This process is harder to manage than a prototyping process.
 - b. The waterfall method reflects the practices used in other engineering fields. With a rigorous documentation driven process, and a single delivery point. In incremental development, there is still a large portion of the project timeline dedicated to planning and documentation. The key difference between these two processes is the act of delivering small pieces of software with each increment of the development process in the incremental approaches.
 - c. Agile development focusses less on extensive documentation and more on the development of the software. It helps to bridge the gap between the client and the developers by increasing customer involvement in the development process, and by focusing on maintaining simplicity. Agile also implements an incremental delivery system, like that practiced in the incremental development approaches. However, this incremental process is delimited by time chunks rather than feature fulfilment. Agile processes also greatly decrease the large planning and design.
2. When would you recommend against agile approaches?
 - a. The agile development approaches are not very suitable in some cases. Agile uses an incremental delivery system for development, meaning that if that the project cannot be divided into chunks that are able to be developed during small periods of time, or that can be delivered in chunks, due to the nature of the system being developed, in the case of a secure system for example, then agile practices are not very useful, and another method should be chosen. Agile is also better suited for meeting the changing needs of the customer, so if the project does not need to adapt to the changing needs of a customer, or if there is no regular customer for whom needs change, then another method like a waterfall approach may be better suited because the complicated interactions with the human customer may be lessened or removed entirely.

3.

MS Sprint 1 (100% - 10/10/2020)	
Degree Planner	
MS-10 As a student I would like to view my needed textbooks so that I may prepare for my next term. BOOKLIST	100%
MS-11 As a student I would like to order textbooks so that I may own textbooks. BOOKLIST	100%
MS-12 As a student I would like to add textbooks to the cart and then continue to the transaction page to complete the transaction. BOOKLIST	100%
MS-13 As a student I would like to view my next term of classes so that I can prepare for the next term. DEGREE PLANNER	100%
MS-14 As a student I would like to see a "what-if" report based on a proposed change to my degree planner so that I may evaluate my next decision. DEGREE PLANNER	100%
Degree Planner	
MS Sprint 2 (100% - 10/10/2020)	
Degree Planner	
MS-15 As a student I would like to register classes for my next term in order to pursue my educational goals. DEGREE PLANNER	100%
MS-16 As a student I would like to view the add courses so that I may decide to drop or add courses. DEGREE PLANNER	100%
Degree Planner	
MS Sprint 3 (100% - 10/10/2020)	
Degree Planner	
MS-17 As a professor I would like to drop students so that I can drop my class. DEGREE PLANNER	100%
MS-18 As a student I would like to view my next term of classes so that I can prepare for the next term. DEGREE PLANNER	100%
MS-19 As a student I would like to add a course registration to the cart and then continue to the transaction page to complete the transaction. DEGREE PLANNER	100%
MS-20 As a student I would like to view my degree planner with my registration. DEGREE PLANNER	100%
Degree Planner	
MS Sprint 4 (100% - 10/10/2020)	
Degree Planner	
MS-21 As a student I would like to see an emergency contact in case of emergency. DEGREE PLANNER	100%
MS-22 As a student I would like to see an address for my account so that I can make my next step. DEGREE PLANNER	100%
MS-23 As a student I can modify student degree plan so that I can better understand my plan for the next term. DEGREE PLANNER	100%
MS-24 As a student I would like to see my information for degree to first person in order to understand other people in the system. DEGREE PLANNER	100%
Degree Planner	
MS Sprint 5 (100% - 10/10/2020)	
Degree Planner	
MS-25 As a student I would like to see financial aid awards that have been offered so that I can understand the best course plan for my financial. DEGREE PLANNER	100%
MS-26 As a student I would like to make payment towards my tuition so that I can pay my financial. DEGREE PLANNER	100%
MS-27 As a student I would like to see my financial aid awards so that I can understand my financial aid. DEGREE PLANNER	100%
MS-28 As a student I would like to see my financial aid awards so that I can understand my financial aid. DEGREE PLANNER	100%
MS-29 As a student I would like to see my financial aid awards so that I can understand my financial aid. DEGREE PLANNER	100%
MS-30 As a student I would like to see my financial aid awards so that I can understand my financial aid. DEGREE PLANNER	100%
Degree Planner	

Projects / MyCSUSM_Scrum

MS Sprint 1

Complete the introductory system features

🔗 ⭐ ⌚ 9 days remaining **Complete sprint** ⋮

🔍 RR 👤 Epic ▾		GROUP BY None ▾ Insights
+		
TO DO 2 ISSUES		
As a student I would like to view my needed textbooks so that I may prepare for my next term. BOOKLIST MS-20 3		
As a student I would like to order textbooks so that I may own textbooks BOOKLIST MS-21 13		
IN PROGRESS 1 ISSUE		
As a student I would like to add textbooks to the cart and then continue to the transaction page to complete the transaction. BOOKLIST MS-22 8		
DONE 2 ISSUES ✓		
As a student I would like to view my next term of classes so that I can prepare for the next term DEGREE PLANNER MS-6 ✓ 3		
As a student I would like to see a "what-if" report based on a proposed change to my degree planner so that I may evaluate my next decision. DEGREE PLANNER MS-9 ✓ 8		

4.

SE 481 Scrum
Software project

Roadmap

Backlog

Board

Code

Project pages

Add shortcut

Project settings

You're in a team-managed project

Learn more

Projects / SE 481 Scrum

Backlog

Q

RR

RR

Epic

Issues without epic

MS PROJECT

JIRA TOOLS

Git

Create Epic

S4S Sprint 1 6 Oct – 20 Oct (6 issues)

2 10 6 Complete sprint

Complete all user stories associated with the MS project epic and the Jira Epic

S4S-6 As a user I would like to set human resources to a task MS PROJECT 2 TO DO

S4S-5 As a user I would like to create recurring tasks with my project MS PROJECT 3 IN PROGRESS

S4S-4 As a user I would like to view a gantt chart of the current project MS PROJECT 8 IN PROGRESS

S4S-3 As a planner I would like to assign user stories to epics JIRA TOOLS 3 IN PROGRESS

S4S-7 As a planner I would like to list many Epics to encompass my project JIRA TOOLS 3 DONE

S4S-9 As a planner I would like to set a value of story points to a user story JIRA TOOLS 5 DONE

Create issue

S4S Sprint 2 Add dates (4 issues)

26 1 0 Start sprint

Complete all user stories associated with the MS project epic and the Jira Epic

S4S-10 As a developer I would like to clone a repository to my machine GIT 5 TO DO

S4S-11 As a developer I would like to commit my changes in a repository. GIT 5 TO DO

S4S-12 As a developer I would like to fork a repository GIT 8 TO DO

S4S-13 As a developer I would like to update my forked repository with the most recent updates GIT 8 TO DO

Create issue

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S4S Sprint 1

Q

RR

RR

Epic

TO DO 1 ISSUE

As a user I would like to set human resources to a task MS PROJECT

S4S-6 2

IN PROGRESS 3 ISSUES

As a user I would like to create recurring tasks with my project MS PROJECT

S4S-5 3

As a user I would like to view a gantt chart of the current project MS PROJECT

S4S-4 8

As a planner I would like to assign user stories to epics JIRA TOOLS

S4S-8 3

DONE 2 ISSUES

As a planner I would like to list many Epics to encompass my project. JIRA TOOLS

S4S-7 3

As a planner I would like to set a value of story points to a user story JIRA TOOLS

S4S-9 5

9 days remaining

Complete sprint