

Quiz 10: Crystal

Due Apr 10 at 10pm **Points** 10 **Questions** 5 **Time Limit** None

Instructions

Answer the following questions in your own words. Do NOT simply cut and paste the information from the slides. You will receive a score of 0 if you copy the prose from the slides.

Attempt History

	Attempt	Time	Score
LATEST	Attempt 1	601 minutes	10 out of 10

Score for this quiz: **10** out of 10

Submitted Apr 9 at 2:10am

This attempt took 601 minutes.

Question 1

2 / 2 pts

Match the concept with the definition according to this week's reading assignment:

Correct!

Methodology

set of practices or tools

Correct!

Techniques

skills needed by the team

Correct!

Policies

rules followed by the organization

Question 2

2 / 2 pts

Describe two of the strategies of Crystal Clear.

Your Answer:

The two strategies of Crystal Clear are -

1. Exploratory 360 - The entire planning of the project is done before the actual implementation of the project. Early requirements and requirement analysis is performed and requirements determined which are to be delivered in the early iterations. Domain model is also developed and it is checked whether the project is feasible or not and which requirements need to be prevented.

2. Early Victory - It focuses on delivering the deliverables successfully very early. The team gets motivated for the project implementation and their involvement in the project increases as they feel successful in completing the project. Early Victory strengthens the bond between team members which increases the overall team performance.

Question 3**2 / 2 pts**

Describe two of the techniques of Crystal Clear.

Your Answer:

The two techniques of Crystal Clear are -

1. Reflection Workshop - It is used to retrospect the performance of the team during the particular iteration. It is very similar to spring review in agile. The team discusses various aspects of the project and project team members. They discuss the things which are going well, see if there are possibilities of improvement in the implementation of the project and see what all can be improved to enhance the process.

2. Daily Stand-ups - The team members discuss the work performed the previous day. It is very similar to daily scrum meetings. Their plan for today is about the features they plan to implement for that entire day. They discuss about the problems they faced and how they overcame it and see if there is any other way to resolve the issues faster.

Question 4**2 / 2 pts**

Describe a project that requires Crystal Orange. Why is Crystal Clear not sufficient?

Your Answer:

Crystal Orange is required during the development of cheque clearance mechanism in banks.

The team size increases due to the complexity of the system and there are many people with clearly defined roles. Due to complexity and bigger size of the team, many of the techniques in crystal clear are not implemented properly. Documentation is created and project scheduling is performed before the development process starts. The risks increases as we move from clear to red hence the techniques which we use in clear does not stay useful for orange. Proper infrastructure is needed in order to perform the complex tasks. The tasks to be performed by the end product contains high risk and significant impact on the user of the product unlike that of in crystal clear. Due to the differences in the situation which prevails during the development, we cannot use the same techniques for crystal clear and orange.

Question 5**2 / 2 pts**

How are Crystal Clear and eXtreme Programming similar? How are they different?

Your Answer:

Similarities

1. Retrospect in both after every iteration.
2. Both emphasizes on frequent delivery of the product.
3. Easy communication among team members is a must in these two.

Differences

1. Customer Participation is significant in XP.
2. XP requires more discipline than Crystal Clear as it has manifesto that needs to be followed.
3. It is easy to fall back from XP to Crystal Clear but the other way is not possible.
4. XP can be more productive than Crystal Clear

Quiz Score: **10** out of 10