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CS-250: Software Development Lifecycle

* How would you plan to execute the various Scrum events, such as the Sprint Planning, Daily Scrums, Backlog Refinement, Sprint Review, and Sprint Retrospective?

If I am to be the scrum master for this team I would need to:

1. I would need to ensure the team uses the agile values and principles while also following what may have been agreed on by the team.
2. I would need to protect the team from outside interruptions as well as ensure they have a good relationship with the product owner.
3. Make sure the team has effective involvement in the scrum activities

* Why do you think these events are so important?
* Sprint planning is described as a time-boxed to a maximum of eight hours for a one-month sprint. As the scrum master, I will be in charge of teaching the scrum team to keep within the designated time box, and at the end of the sprint the team should be able to answer the questions.

1. What can be delivered in the increment resulting from the upcoming sprint?
2. How will the work needed to deliver the increment be achieved?

* The Daily Scrum is described as an internal meeting for the development team, This usually for a scrum master is not an area to interfere, this is a thing run by your team. The only thing we are to worry about is making sure that the daily scrum fits within the 15-minute time-box.
* Backlog Refinement: As the scrum master, we schedule the meeting and handle logistics. The main goal as a Scrum master is to make sure this also fits within the time box.
* Sprint Review: As the scrum master, my goal is to ensure the event takes place and that the attendees understand why it is important.
* Sprint Retrospective: As the scrum master, I encourage the scrum team to improve, within the Scrum process framework, its development process, and practices to make it more effective and enjoyable for the next Sprint. During each Sprint Retrospective, the Scrum Team plans ways to increase product quality.

Why are these events so important?

All of the events listed are very important in the scrum project development framework as each of them has significance and results associated with them. Each of these events either helps with the current sprint cycle or hopes to help in future sprint cycles. With all of these events working together it makes the desired goal or final product much better and much faster at development.

* What would you want the team to gain from them?
* The sprint goal is the objective that we hope to meet during our sprint through the implementation of the backlog, and each sprint can provide guidance to the development team on why it is building the increment.

Daily scrums can help to improve communications, eliminate other meetings, identify blockages to development for removal, promote quick decision-making, and improve the level of knowledge of the team.

With the sprint review, we can inspect and adapt meetings for the team. The result of the sprint review can be seen as a revised Product Backlog that defines the probable Product Backlog items for the next Sprint to all team members.

With the sprint retrospective, we can see it as an opportunity for the scrum team to inspect itself and allows them to find ways to improve itself for future sprints.

* How would you ensure the events achieve those goals?

As the scrum master, my role is to help them search for a way to improve themselves. To help ensure this goes as planned I ensure the team follows agile principles and practices that the team agreed to use. Another thing that I must do is ensure that the team has a good environment that allows them to be productive and efficient. I will ensure the entire team's effective involvement in the scrum activities designed in each sprint cycle and in the whole project as well. As one of the most important aspects of scrum is it is time-boxed in most sprint events, thus by ensuring all these events in Scrum are executed in time and effectively participated by concerned stakeholders, the events can achieve the desired goals.