CS 160 Homework on Agile development SJSU  
 Chapter 2

1. Explain why it is important that software products are developed and delivered quickly. Why is it sometimes sensible to deliver an unfinished product and then issue new versions of that product after delivery?

It is important that software products are developed and delivered quickly because the software industry is very competitive and in order to keep up with the customer demands and satisfaction, the companies need to deliver as swiftly as possible. It is sensible to deliver an unfinished product and then issue new versions because we need the first working version to make the business up and running. Then we can obviously refine that version using user/customer suggestions which will allow a successful incremental software development.

2. You are developing a software product to help manage student admissions at a university. Your agile development team suggests that they create a number of small releases that potential customer can try and then provide feedback. Comment on this idea and suggest why it may not be acceptable to the system’s users.

In this scenario, developing minimal useful set of functionalities may not work well. This case is best implemented as linear or spiral in which incremental results will have little or no significant value developing the project. This means that customer feedback and reevaluation, vital aspects of Agile project development, will not be necessary.

3. Explain why the Product Owner plays an essential role in a Scrum development team. How might a development team that is working in an environment where there are no external customers (e.g., a student project team) reproduce this Product Owner role?

The product owner is an essential team member in a scrum development team as he/she responsible for ensuring that the development team are always focused on the product they are building rather than getting diverted into technically interesting but less relevant work. In the case of a development team with no external customers, either of the team mates can be a product owner.

4. Why are daily scrums likely to reduce the time that is normally required for new team members to become productive?

Daily scrums help generating an updated backlogs and updated sprint plans for the team. If any new team members are having blockers or difficulty understanding the sprint, daily scrum would be a nice chance to have the doubts cleared. Hence, the time taken for new members to be productive will be less.