Small Group Activity – Refine the design for processing values with units

Lynn Robert Carter, PhD

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Activity Kind

Small group activity

Purpose

The purpose of this activity is to leverage the peer review in order to improve the design for how units should be integrated into the calculator.

Pre-requisite

Students are expected to have participated in:

- Small Group Activity - Risk assessment for the third and fourth week submissions

- Small Group Activity - Small Group Peer Review of the design

Tasking

Work with your small group to refine the design to support the scenario for your previous design leveraging the insights gained from having a peer review performed on your work and from you peer reviewing the work of another. As you do this refinement, be sure to take notes about what you are doing, what's working, and what's still confusing or causing problems.

You are expected to produce a nice collection of documents using UML where appropriate by the end of the week that clearly shows the flow from requirements to high level design to a set of scenarios (user stories) to use cases (supported by detailed design UML diagrams) to nicely documented code. Most recruiters I know are far more impressed by people who know and can leverage these things to produce easy to understand and maintain code than they are by clever hackers who are able to produce amazing code that very few people can understand. Have your small group help you accomplish this!

Deliverable

Students are responsible for producing and posting their notes and their code in their ENB as evidence that they performed this task as required.

Submission

Each student must produce and submit your ENB for the day.