CS-UY 4513 Software Engineering (DP I)

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Chapter 2 - 5, 7, 8, 11

1. In page 41 of the textbook, a workflow establishes or change an artifact. An artifact is a constituent component of a software product. A baseline is a complete set of artifacts.
2. Determining the cube root of 9384.2034 is a single fixed objective that can be achieved by code-and-fix model. There is no need to excessively spend resources such as analysis and post-delivery maintenance for such program.
3. First, we will need to meet the client’s needs. This can be achieved by following a rapid-prototyping model. The client’s specifications are precise; to “build a product that will monitor the company’s stock”, and monitors through four stages: “[purchasing raw materials, keeping track of tires as they are manufactured, distribution to individual stores, and selling to customers]”. This is not a complex project, but the specifics are laid out and met in a reasonable and cheap manner.
4. Open-source software that are made by students and academia tend to be more welcomed because collaborating for educational purposes are often perceived as “free”. Such applications could be scientific or spreadsheet application, where knowledge regarding mathematical calculations is the primary focus and have no room for personal tastes bickering.