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Module No: CS – 3108
Subject: Software Process Management
Assignment No: III

Process Characteristic	Description
Understandability	To what extent is the process explicitly defined and how easy is it to understand the process definition?
Visibility	Do the process activities culminate in clear results so that the progress of the process is externally visible?
Supportability	To what extent can CASE tools be used to support the process activities?
Acceptability	Is the defined process acceptable to and usable by the engineers responsible for producing the software product?
Reliability	Is the process designed in such a way that process errors are avoided or trapped before they result in product errors?
Robustness	Can the process continue in spite of unexpected problems?
Maintainability	Can the process evolve to reflect changing organisational requirements or identified process improvements?
Rapidity	How fast can the process of delivering a system from a given specification be completed?

Measurement of Our Software Process

Process Characteristic	Measurement Value
Understandability	High
Visibility	Low
Supportability	High
Acceptability	High
Reliability	Neutral
Robustness	High
Maintainability	High
Rapidity	High

Analysis of Our Software Process

Understandability: One writes code, one does the testing and one does the research process. Each and every member of our team understands which he/she has to do and therefore the team is fully understand the process.

Visibility: Since we are developing the system very fast, we do not have any documentations at all.

Supportability: We are using Visual Studio which is the best IDE I have ever experienced with many debugging tools and other CASE tools to develop the system.

Acceptability: I called for a meeting with all members of the team to show them which process model we are using and all accepted the process model I proposed.

Reliability: We have already run one test phase for our system. Currently, there is no problems regarding the reliability of the system. However, since we have not test the system in real-life with end users, the reliability of the system is still neutral.

Robustness: We have a very strong team, therefore we believe we can overcome any problems we encounter.

Maintainability: We are currently using cutting-edge technology to develop the system, and also having a great code structure and also history of every commits being available on Github. Therefore, whether us or other developers, it will be easy to maintain the system.

Rapidity: We are using CBSE, so we are developing really fast and can implement any given requirement within two-fourteen days depending on how requirements are.

Changes To Be Made to Our Process

- We need to document every stage of our system, write manuals for users to improve the visibility of our system.
- We need to test our system with real-life end users to get actual feed-backs.