ITMD: 511 Application Development Methodologies

Chapter 7 & 8: Design, Implementation & Software Testing

Exercise

1. Develop the design of the weather station to show the interaction between the data collection subsystem and the instruments that collect weather data. Use sequence diagrams to show this interaction.
2. Draw a sequence diagram showing the interactions of objects in a group diary system when a group of people are arranging a meeting.
3. When code is integrated into a larger system, problems may surface. Explain how configuration management can be useful when handling such problems.
4. Testing is meant to show that a program does what it is intended to do. Why may testers not always know what a program is intended for?
5. Some people argue that developers should not be involved in testing their own code but that all testing should be the responsibility of a separate team. Give arguments for and against testing by the developers themselves.

References