Unit 2: Object Oriented Analysis - Initial Steps towards Programming in Python

Required Reading

Rumbaugh, J., Jacobson, I. & Booch, G. (2004) The Unified Modeling Language Reference Manual. 2nd ed. Addison-Wesley.

Chapters 5 and 6.

Von der MaBen & Lichter, H. (2002) Modeling Variability by UML Use Case Diagrams. International Workshop on Requirements Engineering for Product Lines at the IEEE Joint International Requirements Engineering Conference.

Chanda, J., Kanjilal, A., Sengupta, S. & Bhattacharya, S. (2009) Traceability of requirements and consistency verification of UML use case, activity and Class diagram: A Formal approach. Proceeding of International Conference on Methods and Models in Computer Science (ICM2CS). 1-4. DOI: 10.1109/ICM2CS.2009.5397941.

visual-paradigm.com (n.d) What is a Use Case Diagram?

Additional Reading

Siau, K. & Lee, L. (2004) Are use case and class diagrams complementary in requirements analysis? An experimental study on use case and class diagrams in UML. Requirements Eng 9: 229–237. DOI: 10.1007/s00766-004-0203-7.