ACS 560

Academic Measurement and Achievement Mentor

Project References

Gloudemans- Schwartz

Dr. Tanik (course Instructor) provided the course framework, project requirements, resource bank, and weekly feedback for the project.

"Rational Unified Process: Best Practices for Software Development Teams", Rational Software White Paper TP02 6B, Rev 11/0 was the software lifecycle development model that was followed for the AMAM project (Inception and Elaboration phases; Business modeling, Requirements, and Analysis & Design workflows)

"Guide to the Software Engineering Body of Knowledge" (2004 edition) was the primary resource providing an overview of the software engineering process.

The following IEEE standards were used as templates for the three major documents for the project:

- IEEE-830 Software Requirements Specification
- IEEE-1016 Software Design Description
- IEEE-1058 Project Management Proposal

Research papers and web links providing information relevant specifically to the AMAM project can be found in both of the individual Cmaps under Summary of Research Articles and Collection of web links.

Sams Teach Yourself UML in 24 Hours, Third Edition by Joseph Schmuller (Sams Publishing, 2004) was a resource for constructing the class architecture diagrams.

Managing and Leading Software Projects (Chapter 5) by Richard Fairlay provided a background in developing the architectural decomposition view, work breakdown structure, and general project planning techniques.

 "Product Brief: Development Tools" pertaining to Quality Function Deployment by Creative Industries Research Institute provided a tutorial for the construction of the House of Quality.

Axiomatic Design—Advances and Applications by Nam Pyo Suh, Massachusets Institute of Technology, Oxford University Press, New York, 2001, Chapter 5 provided a detailed description and overview of the axiomatic design process used to construct the information architecture.