



Learn Perform Mentor

## **Enterprise Architect ‘hands-on’ for Business Analysts**

Practice BABOK Techniques using Sparx Enterprise Architect



You are invited to register and attend the "Enterprise Architect ‘hands-on’ for Business Analysts. Our custom Requirements Workshops are designed for the evolving BA who wishes to practice more effective ways to "Close the Gap" between business requirements, software requirements and customer acceptance.

### **Facilitated by Practice Leader**



Ramsay Millar spends his working days as close as anyone can get to applying emerging trends in software development to real-world challenges. Millar travels north america facilitating workshops for BA's, PM's and Developers who are looking for better ways to deliver and evolve business-critical software.

Read the Dr. Dobbs interview "Closing the Gap"

a conversation with Ramsay Millar" <http://www.in2grateIT.com/DrDobbsOct232008.pdf>

## **Enterprise Architect ‘hands-on’ for Business Analysts**

Practice BABOK Techniques using Sparx Systems Enterprise Architect - (public & onsite)

**For Registration in your area - [http://www.in2grateit.com/contact\\_us.php](http://www.in2grateit.com/contact_us.php)**

Carefully consider our specific professional services solutions that embrace the vision of a world built around projects. Bring your next project to our custom onsite workshops. Save time and money by applying best practice, process & tools.

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**Sparx Systems Enterprise Architect UML certified Global Partner since 2001**

## Getting Started using Enterprise Architect

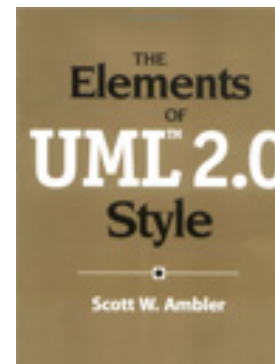
Custom Role-based practice for the whole team

### Workshop Benefits

Through a series of interactive Enterprise Architect hands-on workshops you learn and practice by building an evolving case study. Accelerate your Use Case Driven Requirements Modeling project with this intense, interactive workshop emphasizes pragmatic modeling principles and techniques. With UML adoption now at 48% according to IBM and the recent entry of Microsoft support for UML it is now time to invest in learning the UML notation along with effective practices for communicating rigorous business and software requirements.

### You Will Learn How To

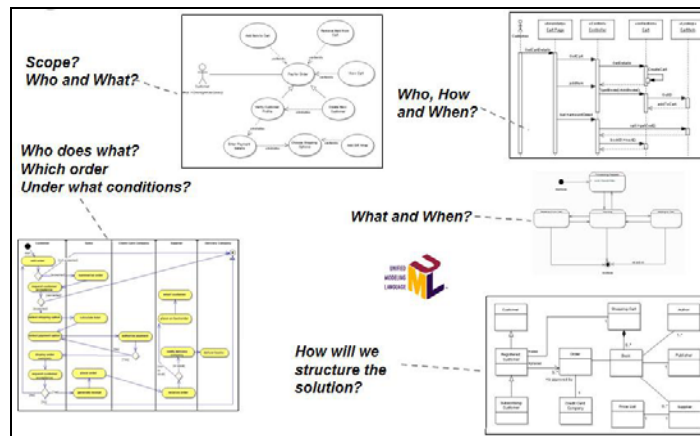
- Understand the major features of Enterprise Architect for BA's
- To organize your projects using the Project Browser
- Utilize UML models - Why and When diagrams are used
- Use the Enterprise Architect Toolbox effectively
- Use the Enterprise Architect Project Browser effectively
- Ensure you remain current with Best Practices & avoid common tool failures



Workshop Lesson Plans are based upon current best practice leaders

### Getting Started Lesson Plans

- UML and Business Modeling Basics
- Organizing your Project
- Project Browser – Do Now!
- UML Diagrams
- Workshop – Use Case Diagram
- Searching the Model – Do Now!
- Model Traceability
- Extended UML Features – Do Now!
- EA Major Features
- Using EA Help! – Do Now!
- Model Re-use
- Resource View – Do Now!
- Model Guardianship
- Settings & Team Standards
- Baselines & Version Control
- Security
- Advanced Tips and Techniques





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## Business Analyst Role

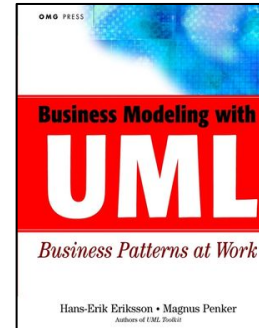
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### Workshop Benefits

Faced with ever rapidly changing business environments, organizations are under pressure to improve the process and to greatly reduce costs of business transactions. Business Process Management (BPM) as specified by OMG, and practiced by leading Enterprise Business Architects have made quantum leaps in productivity through redesign, innovation and the enabling power of technology. In this Hands-on Workshop, you will gain the critical knowledge, skills and practice needed to simply and effectively implement Business Process Improvements when you begin your next project.

### You Will Learn How To

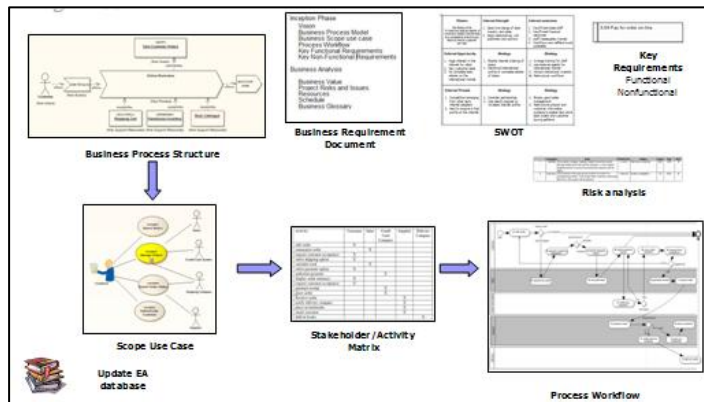
- Structure business processes to improve business agility and reduce dysfunctional process waste
- Organize, analyze and deliver Business Process Workflows using BPMN
- Achieve strategic advantage by practicing effective business modeling techniques using Enterprise Architect UML and skillful techniques
- Maximize customer satisfaction by matching workflow design to business goals
- Effectively model, communicate and analyze the **As-is** and the **To-Be** Process
- Apply UML Business Patterns to address solve process dysfunctions
- Re-design information domain architectures
- Ensure you remain current with Best Practices & avoid common tool failures



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### Business Analyst Lesson Plans

- Business Analyst Deliverables
- Business Process Improvement
- Inception Phase Document (BRD)
- Using SWOT to Agree on Vision
- Determining Stakeholders
- The One-hour Estimate
- Determine Value & Risk
- Define Project Scope
- Find Key Goals
- Business Process Structure Pattern
- Using Relationship Matrices
- Modeling Workflow using BPMN
- AS IS and TO BE Analysis
- Finding Root Cause
- Applying UML Business Patterns
- Conceptual Domain Modeling
- QA Peer Review
- Generating Documents using EA
- Advanced EA Tips



## Requirements Analyst Role

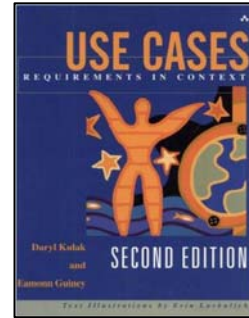
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### Workshop Benefits

Scott Ambler, Practice Leader at IBM once said "If a requirement was misunderstood, all modeling decisions based on that requirement are invalid, the code written is also in question, and the testing efforts are now verifying the application under the wrong conditions". The UML Use Case technique, for communicating, analyzing and specifying requirements, is growing rapidly. This hands-on Workshop reveals how to reap the benefits and how to avoid the pitfalls when applying the Use Case Driven approach to documenting software requirements with agility plus rigor when you begin your next project.

### You Will Learn How To

- **Close the Gap** between software requirements and acceptance testing using a skillful Use Cases Driven Approach
- Write structured Use Cases and practice Agile plus Rigor for highly testable requirements
- Manage changing Requirements using Change Control, Discussion Forum and Baselines.
- Capture and document re-usable business rules, data rules, functional and non-functional requirements
- Save time by generating highly re-usable documents from model to word, excel or the web
- Ensure you remain current with Best Practices & avoid common tool failures



Workshop Lesson Plans are based upon current best practice leaders

### Requirements Analyst Lesson Plans

- Requirements Analyst Deliverables
- Use Cases – Agile plus Rigor
- Elaboration Phase Document (SRS)
- Model Business Context using extend, includes & generalize
- Writing the Structured Use Case
- Writing the Happy, Alternate & Exception path
- Writing Constraints – Pre, Post & Invariants
- Writing Structured Business Rules
- Screen Prototypes debug Use Cases
- Writing Data Requirements
- Writing Functional Requirements
- Writing Non-Functional Requirements
- Generating Use Case Estimates for PM's
- Generate the UAT Document from Use Cases
- Use Case Interaction Overview
- QA Peer Review
- Manage Changing Requirements
- Tracking Defects, Changes, Issues, Tasks
- EA Discussion Forum
- Generate Use Case Contract Documents
- Advanced EA Tips

