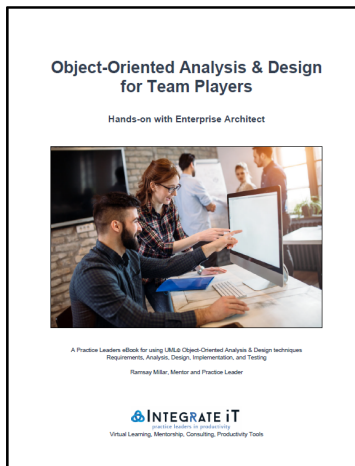


# Object-Oriented Analysis & Design for Team Players

## Hands-on with Enterprise Architect



2.5 days – Hands-on with Enterprise Architect  
Led by Object-Oriented early adopter and Sparx Enterprise Architect Expert



This intensive "hands-on" Workshop reveals the importance of developing UML modeling skills and productivity techniques. Work directly with a practice leader using the provided Digital study guide and Enterprise Architect Case Study.

Successful business and software requirements integrated with software engineering delivery cuts to the very core of managing business expectations and delivering quality business and software application solutions.

Experience hands-on UML modeling and learn how to use Enterprise Architect for your next project. Discover surprising ways to improve quality and save time under the watchful eye of practice leaders. Rapidly practice and learn an agile approach and practice modeling using Object Management Group Unified Modeling Language (UML). Learn where and why to apply each diagram.

### What you will Learn

- Learn how to use Sparx Enterprise Architect to deliver your next project
- Practice developing Requirements, Analysis, Design, Implementation, and Testing
- Learn how UML models are effective for requirements and software development projects
- Learn which UML diagram to choose to meet your specific modeling needs
- Receive a confident introduction and Getting Started skills to master Enterprise Architect
- Practice Developing Business Requirements Definition
- Practice modeling Stakeholder Analysis
- Practice modeling the Scope of Work
- Practice modeling a Storyboard, and writing a use case story
- Practice writing requirements for re-use and traceability
- Generate Documentation
- Practice OOAD Analysis techniques using Solution Building Blocks
- Practice modeling a UI Dialogs
- Practice modeling a UML Component model
- Practice modeling the Logical Data model
- Practice OOAD Design techniques
- Practice modeling a Design Sequence diagram
- Practice modeling a State Machine
- Practice modeling a Class diagrams using Composition and Inheritance
- Practice modeling a Become practiced and confident in your use of Enterprise Architect



Virtual Learning, Mentorship, Consulting, and Productivity Tools

# Object-Oriented Analysis & Design for Team Players

## Hands-on with Enterprise Architect

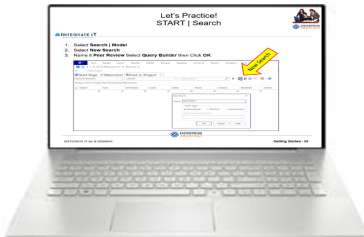


### What you Receive

Experience the most comprehensive Virtual Learning available when you schedule your next event from INTEGRATE IT. Learn from a highly experienced consultant and mentor who reveals proven industry best practices and prepares you or your team to become highly skilled and confident in your use of Enterprise Architect by Sparx Systems. Please contact me immediately if you have any problems with your installation or course readiness.



Practice Leader, Mentor, Enterprise Architecture SME Ramsay Millar has delivered over 1,100 business and technology modeling project assignments and trained over 4,000 business architects, business analysts, enterprise architects, agile project managers, solution architects and software engineers since 2001. The professionals Ramsay has mentored appreciate his common sense, wide industry skills, and the direct experience he brings to the show. [Connect with me on LinkedIn](#)



Link with your Browser to your personal Practice Leaders eBook on Device 1 (Windows 10 dual screen, Windows Tablet or PC) to view, search, print, and make notes on your personal eBook. The Practice Leaders eBook contains practical steps required to deliver your next modeling project using Enterprise Architect. Your book is linked to the ALLin1 EA Repository Case Study



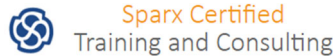
**Download and install** the supplied **ALLin1 EA Repository to your Desktop** on a Windows 10 (Enterprise Architect and Zoom enabled PC). The **ALLin1 EA Repository** and additional course resources contain everything you need to get started. Re-useable EA Repository, Project and Document Templates, Diagram Stencils, and real-world consulting Case Study examples.



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### Course Outline

#### **Getting Started with Enterprise Architect**

1. Introduction
2. Login to the ALLin1 EA Repository – Let's Practice!
3. What is an Enterprise Architecture Repository? – Let's Practice!
4. Modeling Best Practices
5. START – Searching the Model - Let's Practice!
6. DESIGN - Mastering diagrams - Let's Practice!
7. LAYOUT - Themes and Appearance – Let's Practice!
8. DEVELOP – Database Modeling
9. PUBLISH – Publish Documentation
10. SIMULATE – Business Process Simulation
11. SPECIALIZE - Microsoft Office Integration
12. CONSTRUCT – Kanban
13. EXECUTE - Code Execution
14. CONFIGURE – Security, Groups, Permissions
15. Enterprise Architect – Model, Share, Engage, Collaborate

#### **Requirements**

1. Business Analysis Best Practices
2. Re-use Frameworks
3. Stories and Requirements drive Solution Delivery
4. Business Requirements Definition - Let's Practice!
5. Stakeholder Analysis – Let's Practice!
6. Concept model – Let's Practice!
7. Scope of Work – Let's Practice!
8. Storyboard Scenario – Let's Practice!
9. Writing a Use Case story– Let's Practice!
10. Requirements Traceability – Let's Practice!
11. Generate a MS Word Document

#### **Analysis**

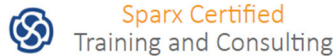
1. Solutions Architecture Best Practices
2. Re-use Frameworks
3. Solution Architecture Definition
4. Stakeholder Views
5. Reuse Catalogs – Let's Practice!
6. Solution Building Blocks – Let's Practice!
7. UI Dialog model – Let's Practice!
8. Component Model – Let's Practice!
9. Data Modeling – Let's Practice!
10. Requirements Traceability – Let's Practice!



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### Design

1. Software Engineering best practices
2. The Object-Oriented Approach
3. Software Engineering Design Deliverables
4. Create a Sequence diagram – Let's Practice!
5. Adding Messages & Operations – Let's Practice!
6. Adding a Fragment
7. Extend to another Sequence diagram – Let's Practice!
8. Create a State Machine – Let's Practice!
9. Create a Class diagram – Let's Practice!
10. Adding a Composite Association – Let's Practice!
11. Adding Inheritance Association – Let's Practice!
12. Implementation packages
13. Reverse Engineer Code

### Testimonials

*"Congrats and we who have taken a Ramsay Millar class know his superior technical education skills. Content, delivery, and real-world practical application of what you learn is his hallmark. INTEGRATE IT Inc. is so fortunate to have such a professional on staff for so long. When you have Ramsay as a mentor and instructor, you are a student for life, and you resolve the toughest issues together. Thank you, Ramsay; I am so grateful to be a student of your work. I hope soon the world will see the value of your work and why it is the cornerstone of digital transformation—looking for the 25th year!"*  
– Patrick Simon, Beehive Consulting

*"Even though Enterprise Architect is an extremely powerful tool and more feature rich than all the competing products we have reviewed in our RFP, it is hard to apply it without proper mentorship delivered by Ramsay Millar."* – Marc Ginns, Chief Enterprise Architect, Duke Energy

### Healthcare Transformation Case Study

#### Closing the Gap – Dr Dobbs Interview

### Certifications

Our expert instructors work closely with every student to personally ensure they fully grasp every lesson plan during the hands-on workshops sessions and long after the course to mentor and ensure that your TOGAF® Certification is achieved and your Enterprise Architect practice is well established.



- Sparx Systems Enterprise Architect Certification
- Certificate of Education Credits

### Who needs to Attend

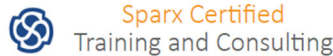
- All learners, Software Testers, QA Analysts, Software Engineers, Business Analysts, Project Managers



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## Hands-on with Enterprise Architect



### INTEGRATE IT Capability Statement

INTEGRATE IT is dedicated to assisting you to build better business solutions. Our proven mentors, techniques, and tools align business and IT solution outcomes by reducing risks while improving value. We orchestrate virtual learning, consulting, and productivity tools that harmonize Business Models, Enterprise Architecture, Process Improvement, Agile Project Management, and Software Solutions. Our highly skilled people have assisted 110 of the Fortune 500 companies, completed over 200 business modeling and IT alignment assignments, and trained over 5,000 business architects, business analysts, enterprise architects, project managers, and software engineers. Our organization follows a proven approach that is effective for all stakeholders across many business sectors.

We maintain our good reputation of providing professional mentorship and skills development by:

- Ensuring alignment of business needs that drive digital solution outcomes
- Improving business process modeling outcomes
- Improving lifecycle of business modeling, architecture, requirements, design to software delivery
- Reducing time needed to complete requirements gathering and software delivery projects

We focus on expertise and are tools agnostic, so we deliver our courses without or with tools. We endorse Sparx Systems Enterprise Architect to our clients looking for model driven approaches to greatly improve productivity. Every day we deliver to make you successful and assist you meet your project needs and budget in these areas:

#### Professional Services

- ✓ Business Architecture
- ✓ Business Analysis
- ✓ Business Case Preparation
- ✓ Business Process Improvement
- ✓ Disciplined Agile Delivery
- ✓ Course Development
- ✓ Enterprise Architecture
- ✓ Kanban Management Method
- ✓ Management Consulting
- ✓ Model Based OOAD Software Engineering
- ✓ Rapid Assessments
- ✓ TOGAF® Deployment Projects

#### Enterprise Architecture Courseware

- ✓ Business Analysis Fundamentals
- ✓ Business Modeling Fundamentals
- ✓ BPMN® Process Modeling
- ✓ Communication Skills for Enterprise Architects
- ✓ Information and Data Modeling
- ✓ Digital Transformation Workshop
- ✓ Disciplined Agile Delivery for Teams
- ✓ Dev Ops (OOAD) for Teams
- ✓ Requirements Management
- ✓ Solution Architecture Fundamentals
- ✓ TOGAF® Exam Prep mentorship
- ✓ TOGAF® Architecture Development

#### Enterprise Architect Repository

- ✓ Architecture Repository Setup and Training
- ✓ Custom Metamodel and MDG Development
- ✓ Integrations, Data Harvesting, Migrations
- ✓ Prolaborate EAcloud POC (Azure, AWS)

#### Value-add Resellers

- ✓ Ability Engineering - EADocX
- ✓ Ability Engineering - Model Expert
- ✓ Sparx Systems - Enterprise Architect
- ✓ Sparx Systems – Prolaborate, PCS



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