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Overview: Successful Analysis Modeling

Course Description

Learn how to craft a set of industry-standard, interrelated analysis models that provide powerful insights into discovering and preparing requirements.

Analysis models are invaluable whether you are using traditional or agile practices. Multi-modeling is essential when analyzing requirements for new development, enhancing existing software, as well as when you are acquiring and integrating a software package.

Using an integrated case study, you'll gain hands-on experience working in a small team to create nine analysis models. You'll learn how to calibrate the precision of the models to conduct "just enough" analysis. You'll actively learn through lecture, examples, exercises, reviews and a simulation.

This course is endorsed by the International Institute of Business Analysis (**IIBA**®) and aligns with the IIBA's *Business Analysis Body of Knowledge* (***BABOK***®) applicable tasks and techniques. By attending this course you'll earn 7 **PD**s (Professional Development hours) or 7 **CDU**s (Continuing Development Units).

Who Should Attend

This course is valuable for anyone who is involved in defining, discovering, analyzing, verifying, validating, and specifying business needs and translating them into working software. This includes: agile coaches, business analysts; customers and end-users; data analysts/data architects/administrators; developers and designers, product champions and owners, project advisers and managers, scrum master/project leaders/facilitators, subject matter experts, user interface/experience experts.

Prerequisites

Roadmap to Success: Foundation for Requirements Development & Management (or equivalent experience)

Course Length

1 day

Course Objectives

- Describe the value of using logical models to analyze requirements
- Ground requirements in business foundation
- Model functional requirements
  - Visualize process flow
  - Organize stories on a user story map
  - Draw a context diagram to visualize the product boundaries
  - Define and visualize data relationships
  - Model state transitions of a business topic
  - Explore business rules
- Demonstrate how models interconnect and complement each other to aid in discovering, preparing and validating requirements
- Simulate modeling analysis requirements in tandem

Course Materials

The participant's manual includes slides with illustrations and practice exercises. The rich, reusable materials include checklists, and references useful for your agile project. Each participant receives a copy of *The Software Requirements Memory Jogger: A Pocket Guide to Help Software and Business Teams Develop and Manage Requirements*, by Ellen Gottesdiener. You'll reference use the Jogger to aid you in understanding and building the requirements during the class and even more importantly, as a ready references after the training.

Course Outline

1. **Analysis Modeling Overview**
   - Functional requirements in context
   - Interdependent models
2. **The Foundation**
   - Vision
   - Stakeholders
   - Persona
   - Product Roadmap
   - Glossary
3. **Modeling Action, Data, Control**
   - Process Map
   - Context Diagram
   - Stories, User Story Map, Use Cases
   - Scenarios
   - Data Models
   - State Diagram
   - Business Rules, Decision Table and Tree
4. **Modeling in Tandem**
   - Thread models together
   - Simulation

Customize Your Agenda Based on Participants' Background and Needs

EBG works with you to tailor exercises and simulations—all based on an integrated case study—to use in the training.
Contact us to discuss your specific needs