Requirements Development & Management

Duration: 3 Days     Course Code: GK2964

Overview:
Numerous studies have concluded that failure to effectively develop and document project requirements is directly related to project failure. By following the logical methodology for the requirements process presented in this course, you'll learn to develop effective requirements, including business objectives as well as business, end-user, system, and software requirements. By working through the requirements process using walkthroughs, reviews, prototyping, and storyboarding, you'll discover the importance of and types of requirements, examine information-gathering methodologies, and learn to conduct effective interviews, workshops, and surveys.

Hands-On Exercises
Document the Current Environment and Proposed Scope for Case Study
Create Charter and ID Team
Identify Stakeholders for Case Study
Case Study: Create Elicitation Plan, Create Interview Event, Create Workshop Event
Case Study: Modeling Functional Requirements - Use Case and Activity Diagrams, Data Modeling - ERD
Develop Requirements Document Templates
Develop Requirements Change Flowchart

Company Events

These events can be delivered exclusively for your company at our locations or yours, specifically for your delegates and your needs. The Company Events can be tailored or standard course deliveries.

Target Audience:
Systems analysts, business analysts, requirements analysts, developers, software engineers, IT project managers, project managers, project analysts, project leaders, senior project managers, team leaders, program managers, testers, and QA specialists.

Objectives:
- Business objectives and business, end-user, system, and software requirements
- Conduct effective interviews, group workshops, and questionnaires
- Data mining
- Define and effectively document business rules
- Identify and document end-user functional requirements
- Capture/document a comprehensive set of non-functional requirements

Prerequisites:
The pre-requisite for this course is the Business Process analysis course (GK2818).
Content:

1. Introduction
   - CBAP review
   - Requirements Definition
   - Requirements Problems Class
   - Exercise/Brainstorm

2. Foundations
   - Types of Requirements
   - Business vs. Technical Communications
   - Requirements Approaches
   - Product and Project Life Cycles
   - Role of Business Analyst (IIBA View)
   - The Requirements Process

3. Defining the Product Scope
   - Enterprise Analysis Overview
   - What Scope Is
   - The Business Case
   - Use Cases to Describe Current Environment and Proposed Scope

4. Planning the Requirements Development Effort
   - The Requirements Charter
   - The Requirements Team

5. Requirements Stakeholders
   - Stakeholder Types
   - Identifying Stakeholders
   - Analyzing Stakeholders for Requirements

6. Elicitation
   - Techniques
   - Creating an Elicitation Archive
   - Elicitation Plan

7. Analysis and Modeling
   - Functional Requirements
   - Non-Functional Requirements
   - Constraints
   - Modeling Techniques
   - UML Techniques
   - Data Modeling

8. Requirements Communication
   - Types of Requirements Documents
   - Requirements Review Events

9. Requirements Management
   - Managing Throughout the Product Life Cycle
   - Components of Requirements Management
   - The Change Process
   - Traceability
   - Requirements/Configuration Management Systems
   - Requirements Attributes - Brainstorm

10. End-of-Class Summary
    - Requirements Process Close
    - Review

Additional Information:

Attendance of this course will gain the student 18 PMI PDUs

Further Information:

For More information, or to book your course, please call us on Head Office 01189 123456 / Northern Office 0113 242 5931
info@globalknowledge.co.uk
www.globalknowledge.co.uk

Global Knowledge, Mulberry Business Park, Fishponds Road, Wokingham Berkshire RG41 2GY UK