Outsourcing Software Development Projects

<2 Days>

Objective: This course examines the management of outsourced software development projects. It is presented from a customer's perspective (i.e. the organization that is outsourcing the project to a vendor). A major emphasis is placed on specific techniques that may be applied to support the generic phases associated with the software development lifecycle. This will enable delegates to gain a clear understanding of practices that may be applied to strengthen the customer/vendor relationship.

Audience (Application Level): This course should prove beneficial to project managers and developers engaged in software development projects that use outsourced organizations to produce their IT-based systems/services or products.

Duration: 2 days

Price: Contact spdtrainingsolutions@gmail.com for quote

Format: Lecture based with topic reinforcement exercises

Benefits: This course will be of benefit to delegates wishing to gain insights into the challenges associated with outsourced software development projects and to learn tools and techniques that support the management of these challenges. These tools and techniques will incorporate certain general project management practices with specific technical practices associated with the major phases of the software development lifecycle. Practice descriptions combined with practical reinforcement exercises will provide delegates with a toolbox to be used when working with vendors on their software development projects.

Learning Objectives: After taking this course, the learner will be able to:

☐ Distinguish between different types of outsourcing models.
☐ Appreciate the benefits and challenges of Global Software Development
☐ Implement project management best practices from a customer's perspective
☐ Apply practices to support effective requirements engineering
☐ Organize appropriate design reviews to support technical decision making
☐ Appreciate best practices of effective code configuration management & deployment
☐ Establish appropriate quality control measures to ensure performance of appropriate levels of software testing (including customer acceptance)
☐ Address management of vendors using agile software development approaches

Course Content: The following topics will be covered:

☐ **Topic 1**: - Software Development Outsourcing Models
☐ **Topic 2**: - Issues with virtual teams - Global Software Development (GSD)
☐ **Topic 3**: - Project managing the vendor - Initiation, execution & quality assurance
☐ **Topic 4**: - Engaging the vendor - requirements engineering issues
☐ **Topic 4**: - Engaging the vendor - design reviews
☐ **Topic 5**: - Engaging the vendor - quality control
☐ **Topic 6**: - Code configuration and deployment