Business Analyst and Quality Assurance Analyst Course

Instructor

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Class Delivery

In person / Online

Course Duration:

12 Weeks

Course Overview

BA and QA Course

A Business Analyst, or Systems Analyst, collects data about an organization's operations to improve its systems and processes. Their primary duties include researching business processes, making reports with recommendations to the company's management and analyzing the potential impact of their recommendations.

Quality Assurance Analyst

A software tester is responsible for designing test scenarios for software usability, running these tests, and preparing reports on the effectiveness and defects to the production team.

Course Summary

Course 1- Business Requirement Analysis

Part 1: What is Business Analysis?

Business and Solution Domains—how they relate

Key roles in requirements development in SDLC and Agile projects

Competencies of a business analyst

Effective communication

Six important BA skills

Part 2: The Business Case for Good Requirements

Part 3: Foundations of Requirements Development

Part 4: Project Initiation: Eliciting High-level and Mid-level Requirements

Part 5: Documenting Requirements with Use Cases

Part 6: Packaging and Presenting Requirements

Practice Sessions

Course 2- Manual Testing Methods

Part 1: Introduction to manual software training

Scope of manual testing

Functionalities that are involved in manual testing

Functional specifications in functional testing

Part 2: Test Design and Document Techniques

Introduction

Test Development Process

Understanding Environments

Creation of Test Data

Types of Testing

Specification- Based (Black Box) Techniques

Structure- Based (White Box) Techniques

Test Documents > Test Strategy, Test Plans, Test Scenarios

Creating Epics, User Stories

Part 3: Tool Support for Testing

Introduction

What is Test Tool?

Test Tools > JIRA, QTest, ALM

Part 4: Fundamentals of Test Execution

Course 3- Web Services and API Testing

Introduction

Techniques of API Testing

Course 4- Defect Management

Defect Life Cycle

Practice Sessions

Course 5- Automation (Selenium Java framework) Includes basics of Java and SQL

SQL Server Programming

JAVA Programming

Selenium Automation Tool

Course Schedule

Week	Days	Time / In person / online
Week 1 – 6	Monday / Thursday	In person - 6:30 -8:30 pm
Week 1 - 6	Wednesday	Online - 6:30 – 8:30 pm
Week 6 – 12	Monday / Wednesday	Online – 6:30-8:30 pm
Week 6 -12	Thursday	In person – 6:30-8:30 pm

Workshops

Week	Subject
Week 7 Saturday (8:30-12:30 4hrs)	Agile Workshop (In Person)
Week 4 Wednesday (2hrs)	SDLC Workshop (Online)
Week 5 or 6 Wednesday (2hrs)	Project Initiation (Online)
Note: Dates on Workshops are estimated and are subject to change.	

Additional Information

This is an interactive course. Students will learn by doing and also learning from each other as well as the instructor, text, guest lecturers, presentations, weekly