Blue Prism Associate Developer

Course Description

This course introduces Robotic Process Automation (RPA) with Blue Prism, a popular RPA tool used by organizations worldwide. The course covers the basic concepts of RPA, including the creation and deployment of software robots, or "digital workers", that can automate repetitive, time-consuming tasks in business processes. The course covers the use of Process Studio, Object Studio, and Business Objects, as well as topics such as Exception Management, Work Queues, and Advanced Data Items.

Audience

The course is designed for anyone who is interested in learning about RPA and Blue Prism. This course is suitable for:

- Professionals who are looking to upskill in RPA and automation technologies

- Business Analysts who are involved in designing and implementing business processes

- IT Professionals who are responsible for managing enterprise applications and systems

- Project Managers who are involved in process improvement initiatives

- Entrepreneurs who are looking to streamline their business operations and reduce costs

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Pre-requisite Knowledge/Skills

No prior experience with RPA or Blue Prism is required. However, basic computer skills and knowledge of programming concepts would be helpful.

Course Objectives

Upon successful completion of this course, students should be able to:

- Understand the basic concepts of Robotic Process Automation

- Configure the training environment for Blue Prism

- Use Blue Prism tools to design and automate business processes

- Create and use Business Objects and Work Queues

- Handle exceptions and errors in the automation process

- Utilize advanced data items for complex processes

- Prepare for Blue Prism developer certification

Course Outline

The course comprises 56-hours of theory and labs. It's divided into 10 different modules.

Module 1: Introduction to Robotic Process Automation with Blue Prism

- RPA (Robotic Process Automation)
- Digital Workforce
- Blue Prism Vision
- Automation
- Monitoring
- Lab: Watch it work

Module 2: Setup and Configuration

- Training Environment
- Screen resolution
- Scaling
- Configuration
- Lab: Setup environment

Module 3: Introduction to Process Studio

- Process Studio Interface
- Decision Stages
- Calculation Stages
- Data Items
- Process Validation
- Lab: Explore the process studio

Module 4: Introduction to Process Flow

- Circular Paths
- Controlling Play
- Collections
- Loops
- Layers of Logic
- Lab: Create a Process Flow

Module 5: Introduction to Inputs and Outputs

- Input Parameters
- Stepping
- Pages
- Data Item Visibility
- Data Types
- Output Parameters
- Control Room
- Process Outputs
- Lab: Create an input and output parameter

Module 6: Business Objects

- Business Objects
- Action Stages
- Lab: Explore business objects

Module 7: Object Studio

- Application Modeler
- Navigate Stage
- Wait Stages
- Throttle and Unconditional Waits
- Unique Attributes
- Write Stage
- Press, Attach and Detach
- Read Stage
- Actions
- Action Inputs and Outputs
- Multiple Business Objects
- Lab: Configure Business Objects

Module 8: Exception Management Overview and Management

- Exception Management Overview
- Exception Handling
- Throwing Exceptions
- Exception Properties
- Exception Bubbling

- Preserving the Current Exception
- Blocks
- Lab: Consolidated Exercise 1

Module 9: Work Queues and Additional Features

- Work Queues
- Working Items
- Queue Items
- Work Queue Configuration
- Deferring Items
- Exception Item Retries
- Additional Features
- Release Manager
- Lab: Consolidated Exercise 2

Module 10: Self-Read and Discussion

- Process Template
- Credentials and Credential Manager
- Advance Data Items
- Next Steps
- Lab: Certification Readiness