Blue Prism For Intelligent Automation

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Introduction to Blue Prism

->Blue Prism is a tool that helps automate everyday tasks on computers, like entering data or processing information, using software robots.

->Blue Prism was founded in 2001 by David Moss and Alastair Bathgate in the United Kingdom.

-> Blue Prism is popular because it's secure, scalable, and can easily integrate with many different systems.

->These robots can perform tasks like data entry, processing, and interacting with other applications, saving time and reducing errors

->Blue Prism works on Windows platforms. It can integrate with various systems and applications like web services, Windows, SAP, mainframes, and cloud platforms, allowing it to automate tasks across different environments.

Features & Components of Blue Prism

Features of Blue Prism

->Visual Process Designer: Drag-and-drop interface for easy workflow creation without coding.

->Centralized Control Room: Real-time management and monitoring of processes and robots from a single dashboard.

->Attended and Unattended Automation: Supports both types of automation, allowing for flexible implementation.

->Robust Exception Handling: Mechanisms to manage errors and ensure smooth process execution.

Components of Blue Prism

->Process Studio:
A visual interface where users design automation workflows.
- It allows for the creation of process diagrams using a drag-and-drop approach.
- ->Object Studio:
Used to create reusable automation objects that define how robots interact with applications. It encapsulates the logic needed to perform specific tasks.
->Control Room:
A management interface where users can monitor, manage, and control the execution of automated processes and digital workers. It provides insights into the performance and status of robots.

Appllications of Blue Prism

Finance and Accounting:

->Accounts Payable/Receivable: Automates the end-to-end process of handling invoices, payments, and reconciliation.

Healthcare:

->Appointment Scheduling: Automates scheduling, rescheduling, and reminders for patient appointments.

Retail and E-commerce:

->Price and Product Updates: Automates updating product information, pricing, and availability across e-commerce platforms.

What is Intellegent Automation?

definition:Intelligent Automation is using smart technology to automate tasks.
It combines regular automation with artificial intelligence to make better decisions
and improve work efficiency.

Examples: 1)Chatbots

2)Fraud Detection

3)Email Filtering

4)Automated Data Entry

Use Cases for Intelligent Automation

Finance: Automated account reconciliation and fraud detection using AI.

Healthcare: Automating patient data management and claims processing.

HR: Employee onboarding/offboarding automation.

Customer Service: Automating responses to common customer queries.

Blue Prism vs. Other RPA Tools

1. Blue Prism: Enterprise-grade security, low-code/no-code, strong scalability.

2. UiPath: Ease of use for citizen developers, AI integration.

3. Automation Anywhere: Cloud-first approach, bot orchestration.

Blue Prism Intelligent Automation in Action

a. Banking:

->Loan Processing: A bot reviews loan applications, checks credit scores, and recommends approval or rejection

->Fraud Detection: Bots analyze transaction data in real time and flag suspicious activities for review.

b.Health Care:
->Claims Processing: Bots extract data from scanned medical bills using OCR and process insurance claims.

->Patient Data Management: Automates the input and management of patient records from various systems.

c. Customer Service

->Automated Ticketing: Bots handle basic customer inquiries, create service tickets, and escalate complex issues to human agents.

->Chatbots: Integrating with AI chatbots allows bots to resolve customer queries instantly.

Conclusion

Conclusion: Blue Prism for Intelligent Automation
Blue Prism helps companies do their work better by automating tasks. It uses robotic process automation (RPA) and artificial intelligence (AI) to make things faster and reduce errors. This tool allows businesses to easily expand their automation while keeping their data safe and following rules. In short, using Blue Prism helps organizations simplify their work and stay competitive in a fast-changing world.

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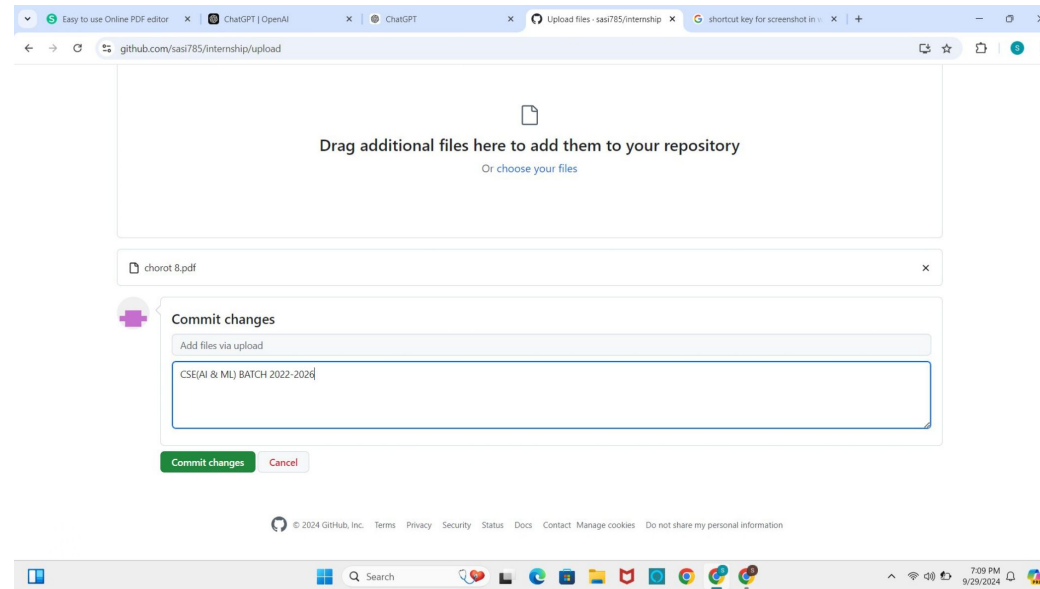Global Head of Education Services
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