

Data in a Minute

Where data management concepts are explained in under a minute



smartBOTS
Functional Testing

TOPICS

Automated functional testing, Robotic process automations (RPA)

What is automated functional testing?

Quality assurance & UAT personnel are critical to ensuring that business processes are not broken during migrations or integrations. The traditional method of writing test cases & manual executions is now shifting towards automated testing. Redundancy checks, regression testing & process testing are all basic QA & UAT requirements.



RPA after go-live

Take it one step further, and the automation can help streamline monotonous business tasks after go-live. Say, for example, entering a sales order or purchase order. 90% of the steps are the same from PO or PO, but users are still having to manually work through these. The logical solution therefore lies in automating the tasks that are repetitive and have users intervene only when necessary.



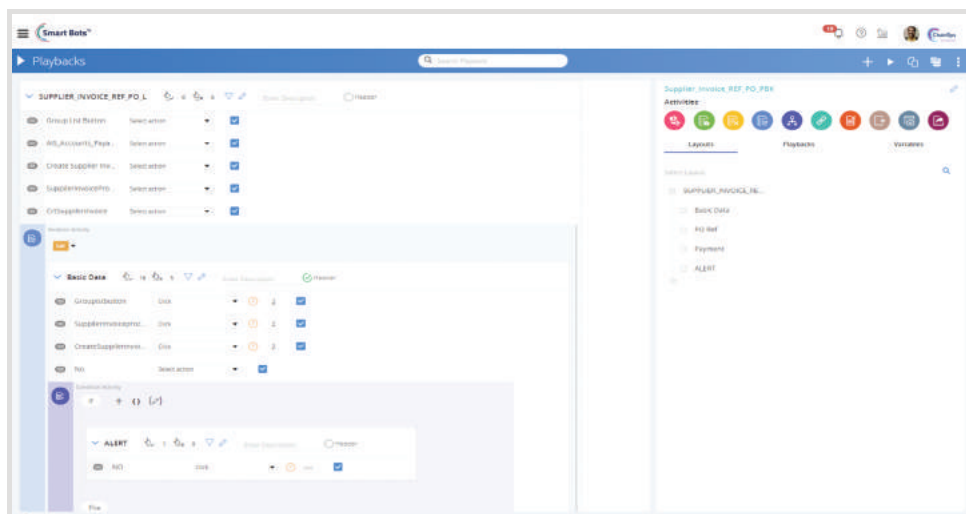
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Functional Testing & RPA with smartBOTS

dataZap can help automate the most monotonous processes. Automation in smartBOTS can be done in two simple steps:

- **Recordings** is a specific functionality that forms the base for all future automations. The recorder follows the user steps and records it for future use. It performs the recordings exclusively on Web-based applications. The recorder can interact directly with an object, it isn't affected by the screen resolution or the size and position of the window.
- **Playback** is the process by which functional tests & data entries are executed. Playbacks can be executed simultaneously or in sequence with 'Layouts' *, which allows the platform to intelligently and reliably execute the process.
- **A Layout** is a preset action (usually repetitive) that users perform on a day to day basis. For example, let's say a user goes through a series of 5 steps to get to the login screen. The 5 steps can be saved as a 'Layout', and can be referenced as necessary in playbacks.

A screenshot of smartBOTS' playback screen is below. The screen is a user-friendly interface that helps users automate processes with no code



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Nearing a decade in ChainSys, he has also had experience in key sales & pre-sales roles and is a respected subject matter expert in the ERP space.

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