**Funtion Katalon Studio**:

1. **Simple deployment**: a single deployment package, cohesive deployment package that contains everything you need to deploy a powerful automated testing tool.
2. **Quick & easy set-up**: Not only provides simple installation but also Katalon Studio helps you easily set up the environment. Testers can run their first test scripts fairly quickly using built-in test samples and scripts, such as the object store and keyword library.
3. **Faster & Better result**: The built-in template with clear instructions helps tester quickly build and run automated test scripts. They can take steps step by step at speed and efficiency, from project setup, test creation, implementation, reporting, and maintenance.
4. **Flexible modes** : A new tester can use recording and keywords to build automation tests, while test experts have a complete IDE to build advanced scenarios.
5. **Easy of use:** It couldn't be easier, even manuals with minimal programming experience could exploit its benefits easily.
6. **Cross-browser application:** Katalon Studio supports multiple platforms: Windows 32 and 64 (7, 8 and 10) and OS X 10.5+.

**Hands-on với Studio Katalon**

Katalon Studio is a user-friendly automation solution, characterized by simplicity and speed. It is very useful for individual and automated testing teams to devote at least efforts from setting up a new project to performing tests and then monitoring performance results. Each workflow provides numerous capabilities and customizations for easy maintenance and project scale:

1. Pre-defined structure of test objects: test cases, test suites, test objects, reports. Testers no longer need to spend hours identifying and maintaining them later. - Custom keywords provide the flexibility to add additional keywords effectively to the AUT test for specific and complex testing purposes.
2. Support for major testing needs: Web, Mobile and API.
3. Execute multiple test suites at once with test suite collection.
4. Expand the existing CI flow easily with control mode that makes no effort. Command-line execution can be quickly created using the 'Command-Line for console mode' feature.
5. Monitor results easily with either Table view or Tree view during/after execution.
6. Detailed Test Suite reports reduce time in analyzing results. You can export to other formats like CSV, PDF, HTML and save for later use.

**Navigate a streamlined workflow with Katalon Studio**

1. INITIATE

* Integrate project templates: by providing templates to organize test cases, object repository, and keywords. Katalon Studio makes checking easier than ever.
* Most likely: Full support for Web, Android, iOS and API testing on all operating systems.
* Complex tool integration: Easily integrate with Jenkins, GIT, and JIRA with native plug-ins.

1. CREATE

- Automatic test creation: Record actions and generate automated scripts using built-in keywords.

- High-level scripting: Allows easily and effectively build advanced test scripts or customizable keywords.

- Gathering object information: An advanced voice recorder effectively detects object properties to maximize recognition.

1. OPERATE

- Test execution is robust: Running test cases or test suites using multiple configurations and data sets.

- Implementation flexibility: Provides an integrated CI console with various parameters for remote performance. Run tests on multiple browsers and operating systems locally or with Sauce Labs and BrowserStack.

- Flexible troubleshooting and automatic redo: Include run rules to automatically handle complex execution threads.

1. REPORT

- Reports are available in multiple formats: With advanced logging, data debugging, and screenshots.

- Make reports on demand: Integrate with your notification workflow.

- Advanced Selenium and Appium records: With improved analytical features to improve automation strategies.

1. MAINTAIN

- Test smart test object: Automatically update all relevant test cases and suites when the object changes.

- Effective test organization Allows easy management and maintenance of tests, data, and keywords.

- Collaborate easily: Integrate with GIT to allow team members to easily share artifacts and workloads.

**Learn more about the function of Katalon Studio**

1. **Technology skills**: Katalon Studio enables automation of the most common functions of web applications and mobile applications without coding experience. This tool allows people to automate easily and effectively by taking advantage of the integrated features, even you can start automating the application from the first sprint run.
2. **Record and run on popular browsers and mobile applications:** Studio Katalon utility supports recording and running similar tests on many browsers. In addition, Katalon Studio is very smart to handle dynamic web elements by modifying test object properties using built-in methods (Add / Remove Object Property) at run time.
3. **Page-Object Model Framework**: Katalon Studio allows users to streamline the collection process to store and manage page objects using project structure and then organize them in specific layers to reuse it later.
4. **Rich report frames:** Katalon Studio easily creates HTML, CSV or PDF reports that provide an overview of how our automated testing efforts are progressing by connecting screenshots and logs.