RPA UiPath Test Suit Interview Q&A

- **What is the Given, When and Then in RPA testing?**

Given - the context or pre-conditions of the test case: the application used, the input data and other relevant information;

When - the actions that will be carried out;

Then - the expected (observable) outcomes.

- **What are the Verification Activities are available in UiPath for Testing?**

Verifies Expression - This activity verifies a single expression (e.g. whether two variables are equal). Its outcome can be true or false.

Verify Expression with Operator - This activity compares the outcomes of two expressions, variables or arguments using predefined operators. Its outcome can also be True or False.

Verify Control Attribute - This is the most versatile activity in the first version of the Testing Activities Package. It allows the comparison of a property returned by another Activity with an expression, variable or argument. Its outcome is can also be True or False.

- **What is the Data Driven Testing and how to build the Data Driven test cases with UiPath StudioPro**?

Data-driven testing is creation of test scripts where test data and/or output values are read from data files instead of using the some hard-coded values every time the test runs.
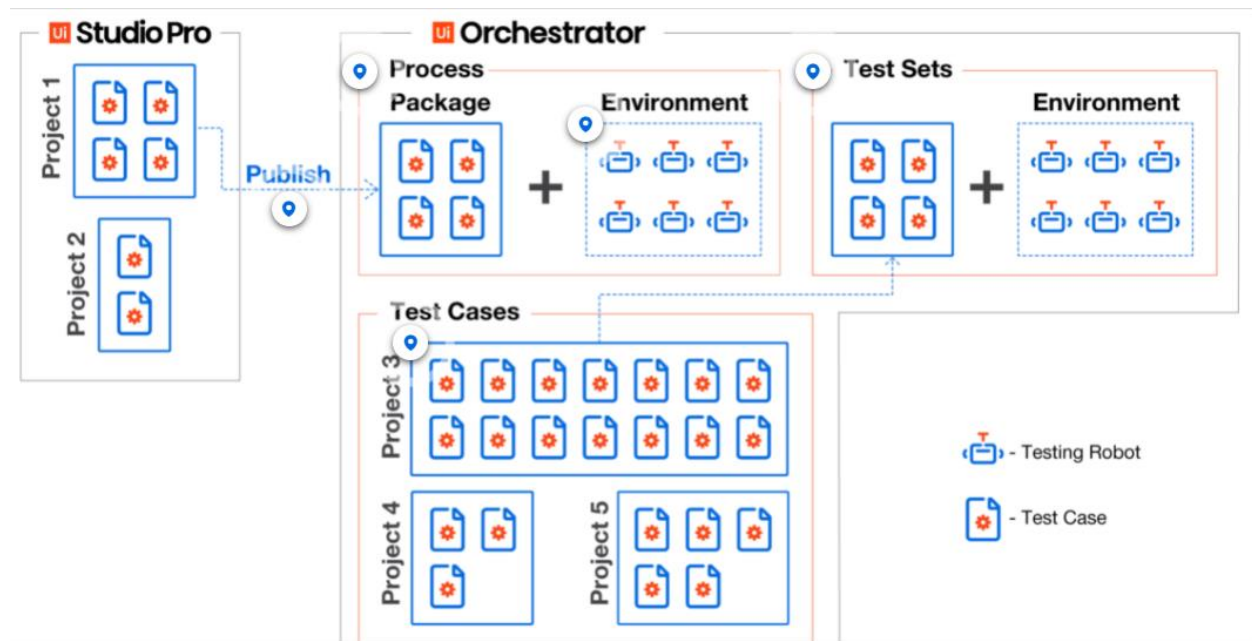
This way, where testers can test the applications dynamically with multiple inputs.

In UiPath Studio Data Driven test cases can be created by passing the data file e.g. Excel file as input from the add test data option within the test cases.

- **How are the tests executed with UiPath Test Suite?**

Automated test cases are published to UiPath Orchestrator. This is done in order to execute them automatically, using UiPath Testing Robots.

- **Testing Capabilities workflow in UiPath Orchestrator**

- **What are the testing components and its purpose?**

Plan –
Creating and managing the test projects.
Managing the test requirements.

Design – Writing and tracking the execution of test cases.

Implement –
Creating automated test cases
Linking test cases to UiPath Test Manager.
Publishing test cases to UIPath **Orchestrator**

Execute –
Managing the test cases published.
Creating test sets.
Executing test sets using groups of testing robots.
Creating and maintaining test execution schedules.

Analyze –
Monitoring and analyzing test results.

- **Explain the usage of Jira, Git and Jenkins with UiPath Test Suite.**

⬜ **Jira** - UiPath Test Manager is able to pull the requirements from Jira as test requirements;
⬜ **Git** - UiPath StudioPro integrates with Git for version control management;
⬜ **Jenkins** - UiPath Test Suite integrates with Jenkins for continuous deployment and continuous integration.

- **What are the UIPath Suite Components?**

UiPath Test Manager
UiPath StudioPro
UiPath Orchestrator
UiPath Robots

- **UiPath Test Suite with the components for CI/CD, give any one example.**

Jira - Jira is an agile software project management tool used to track, organize, and prioritize bugs, new features, and improvements.

Integrating Jira projects with UiPath Test Manager seamlessly adds testing to your application and RPA development lifecycle. It enables you to cover critical functions of your software by assigning tests to stories, requirements or any type of issue, no matter if your testing is automated, manual or explorative.

UiPath Test Manager for Jira lets you create detailed defect reports by adding comprehensive information from you test-runs. Screen-shots, logs and tester annotations help developers to identify the cause of problems which were found during test runs.

Jenkins - Jenkins is an open source automation tool typically used to build and test software projects continuously.

The **UiPath Jenkins Plugin** allows you to integrate RPA development and software testing with UiPath into Jenkins. This enables starting test sets as soon as a code change is committed and pushed to the supported version control repository (in our case, Git).

Git- Git is is a version control system for tracking changes in computer files and coordinating work on those files among multiple people.

- **What is UiPath Test Manager, and its main functional areas?**

⬚ Creating test projects;
⬚ Creating or importing test requirements;
⬚ Managing test cases and assigning them to test requirements;
⬚ Assigning automation from UiPath StudioPro to test cases;
⬚ Creating and documenting manual test cases. The manual steps can be recorded in real-time with UiPath Task Capture;
⬚ Creating and executing manual test sets;
⬚ Displaying test results in dashboards and reports;
⬚ Creating defects from test results.

Learn More : https://www.kausalvikash.in/uipath-interview-questions-and-answers/

……

Register here for Free Demo & Q&A with experts - https://bit.ly/31haMIl
……

Wath more: RPA Testing With UiPath Test Suit : https://bit.ly/3CTdvJp

……

Stay Relevant. Stay Competitive.

Get in touch –
Website – **www.kausalvikash.in**
LinkedIn- https://www.linkedin.com/company/kausal-vikash/
Twitter – https://twitter.com/kausal_vikash
Facebook – https://www.facebook.com/EmergenteckKV/
Allevent – http://allevents.by/EmergenTeck
Email – infopm@emergenteck.in