**Part One:**

**Test Plan**

**Test Description**:

Implement and test the new eAccounting integration, ensuring seamless operation with existing legacy platform and functionalities.

**Test Scope:**

**In-Scope:**

* Validating the integration of new eAccounting into one of the existing legacy platforms.
* Verify that existing functionalities remain unaffected after the new integration.
* Confirm that performance and security standards are met post integration.

**Out-of-Scope:**

* Any modules not interacting with eAccounting.
* User interface testing outside of integration requirements.

**Testing Objective:**

* Functional Testing: Verify each functionality of eAccounting integration as per acceptance criteria.
* Automation Testing: Automate integration tests for eAccounting project.
* Regression Testing: Ensure existing features in the legacy platform are not impacted by integration.
* Performance Testing: Test the impact on system performance post new integration.

**Part Two:**

**Resource Allocation:**

**Senior QA 1**:

* Creating automation test cases for eAccounting integration.
* Lead the development of an automation framework.
* Mentor other team members on automation best practices.

**Senior QA 2**:

* Creating comprehensive test plans and executing functional, integration and regression test cases.
* Updating and executing automation test scripts within an existing automation framework.
* Facilitate and implement QA practices across the team.
* Maintain comprehensive documentation for release plans, schedules, and deployment procedures.

**Intermediate QA**:

* Performing manual testing with a focus on the integration testing for the legacy system.
* Assist in identifying key areas that require regression testing.
* Act as a SME for the legacy platform within QA team to clarify legacy system behaviours.

**Delivery Plan:**

I will organize a kickoff meeting with the QA team, product owners and product managers to align on project scope, goals, and expectations with regards to timelines.

**Phase 1: Planning:**

* **Requirement Gathering:** Collaborate with Product Owners to gather detailed requirements and acceptance criteria.
* **Test Planning**: Develop a detailed test plan and strategy.
* **Product Backlog:** Work closely with product owners specifically to make sure product backlogs are up to date and allocated to the respective sprints considering the capacity of the allocated resources.

**Phase 2: Test Case Development:**

* **Create Test Cases:** Creating detailed test cases for functional, integration, regression and performance testing.
* **Review Test Cases:** Peer review test cases to ensure coverage and accuracy.

**Phase 3: Test Execution:**

* **Manual Testing**: Execute functional, user interface and regression test cases manually.
* **Automation**: Automate repetitive test cases, focusing on regression and integration tests.
* **Bug Tracking**: Log and prioritize defects, and work with developers for resolution.

**Phase 4: UAT and Test reporting:**

* **User Acceptance Testing (UAT):** Facilitate UAT sessions with key stakeholders and end-users to validate that the solutions meet business requirements.
* **Test Reports**: Generate test reports in test / UAT environments.

**Phase 5: Deployment and release notification:**

* **Deployment Support**: Provide support during the deployment phase to ensure a smooth rollout of new features and integrations.
* **Release notification**: Sending release notes to internal and external stakeholders.

By following this approach, we can efficiently allocate resources while leveraging individual strengths, and ensure a high-quality integration of eAccounting into the legacy platform.