**Structure of Test plan**

Test Suites: which contain a group of test cases organized in hierarchical manner.

**Test Cases:** which contain individual test scenarios that can be executed as the testing process each test case has steps in details which lead to reproduce as test scenarios, expected result, actual results, results, remarks and can be organized within test suite based on the feature.

**Test Configuration** – environment settings, configuration and parameters for test case execution.

**Test Plans:** this includes release sprint or testing cycle.

**Test Runs:** execution of test suites or a testcases which is present in test plan, which includes executions like pass/fail and different status if any,

**Test Results:** includes outcomes of test runs, status of individual test cases, for which test results are stored and displayed within ADO, which allows all the stakeholders to check the progress of testing activities.

**Defects:** these are identified during testing phase which are logged back to ADO and linked to the corresponding test cases and in line which are linked to test runs which provides traceability for test results and defects.

**Test Metrics and Reports:** ADO provides has built-in analytics and reporting to track the test metrices which includes test coverage pass/fail results, defect trends and also the test execution trends, with these results we can create reports, dashboards and visualization monitoring progress over the period.

Naming Convention:

Feature name: TC001\_Projectname\_Pagename\_VerifyValidLoginCredentials

(are there any standard naming conventions currently used by Lingaro team?)

Linking of Tests:

Is to link between tests in Azure DevOps for effective test management, traceability, for better collaboration within your dev team, by leveraging features and functionalities which provide by ADO board by this we can make sure all your test activities are well-organized aligned correctly and coordinated with the overall teams and project objectives.

Need to link each test case to the scenario and User story/feature.

Eg: Test suites🡪Test case dependencies🡪Test case links🡪Test case References🡪Test plans and test runs 🡪 Reporting and Analytics.