User Story 2: Setup the branching strategy and branch protection rules ? 1 day

Acceptance Criteria: Setup branch protection rules.

User Story 3: Install the required software's for compilation ? 2 days

Acceptance Criteria: Gather the Technology stack for this and install all the required softwares.

User Story 4: Source Code Compilation in Jenkins ? 5 days

Acceptance Criteria: Create Jenkins pipelines (Declarative scripting) for the source code compilation

User Story 5: Integrate Unit tests in Jenkins ? 3 days

Acceptance Criteria: Unit Tests needs to be integrated with Jenkins

User Story 6: Integrate Sonarqube ? 3 days

Acceptance Criteria: Sonarqube integration for the static code analysis and publish the reports in the sonarqube dashboard.

sonarQube is already build or need to just integrate ???

User Story 7: Code coverage ? 3 days

Acceptance Criteria: Code coverage reports needs to be integrated in Jenkins and publish in the sonarqube dashboard.

User Story 8: Security Testing ? 3 days

Acceptance Criteria: Integrate coverity and white source security testing.

User Story 9: Push the binaries to artifactory ? 1 day

Acceptance Criteria: Artifacts needs to be pushed to artifactory for each build.

For pushing artifacts need URL and Access

User Story 10: Auto Deploy ? 3 days

Acceptance Criteria: Deploy the binaries to the Azure VM using ARM Templates.

User Story 11: Install the softwares required to run sanity automation using Smart Simulator ? 3 days

Acceptance Criteria: Automate the Software installations using post deployment scripts in the ARM templates.

User Story 12: Execute Automated Sanity ? 3 days

Acceptance Criteria: Execute the sanity automation using Jenkins.

User Story 13: Publish the Sanity results in the Jenkins. ? 3 days

Acceptance Criteria: Publish the sanity results using Jenkins.

User Story 14: Azure VM Infrastructure for auto deployment ? 3 days