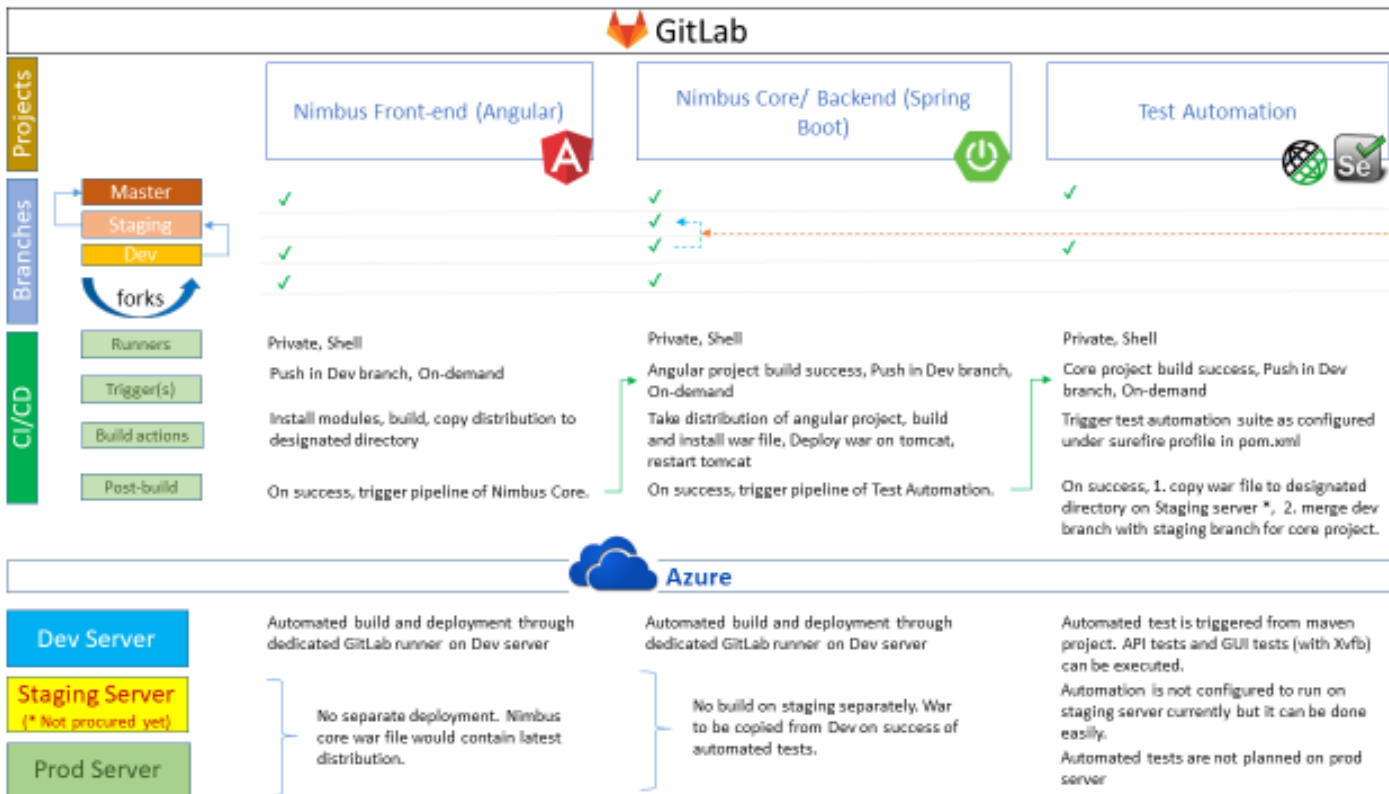


Set up of Continuous Integration and Continuous Delivery pipelines and Test Automation framework for a leading financial conglomerate.



- Test Automation framework capable of executing both API and UI tests on CI (headless/ UI less servers). Test Automation framework is built on top of generic TestNG unit testing framework and uses Selenium and RESTAssured for Web UI and API tests respectively.
- Test Automation requirements and dependencies have been specified in Test Automation wiki page
- Dev team has been walked through the automated tests and framework in details
- Moving away from shared-runners, for each project, individual runners instances have been set up and registered
- Individual CI/CD pipelines have been set up on GitLab for Front-end (Angular) project, Back-end (Spring boot) project and Test Automation projects
- The pipelines of projects have been configured to trigger other project pipelines – Front-end project triggers Back-end pipeline which deploys the code and further triggers Test Automation pipelines. The pipelines can be triggered individually also.
- Test Automation pipeline can be configured to trigger API tests or WebUI Tests individually or all together. Post success of test automation, the Spring boot project's dev branch will be merged with staging branch.