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| **Team A** |
| **Gaps in Process** |
| * Since this team has 2 Front-end Engineers, so this team don't need a Designer * Design activities can easily be handled by any one of the front-end engineers * We can have a full-time QA instead of the designer which can bring in testing expertise e.g. exploratory testing |
| **Gaps in Testing Strategy** |
| * Tests are written by Engineers and it's very unlikely that engineers have considered all the test design techniques which any QA can easily consider while writing tests * All the UI tests are only running on Chrome which means other devices/platforms(mobile, tablets and browsers say Safari) are not fully covered for the UI functionality tests written using cypress * As already mentioned, Unit test coverage is 50% which indicates there could be more uncovered defects or dead code in this product. * Performance Testing is not covered by this team |
| **Improvement Strategy** |
| * Talk to Product Manager about delegating design work to front-end engineers and removing Designer from this team, also I’ll try to convince him to hire a full-time tester * Since Engineers are writing all the tests, so I’ll coach the engineers about all the test design techniques and industries best practices. * I’ll introduce Quality Gates process to improve overall process and quality. * I’ll Cross-Browser (Safari) and Cross-Platform testing (Mobile, Tablets) * I’ll introduce Performance Testing |

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| **Team B** |
| **Gaps in Process** |
| * All work done should be recorded in JIRA * Backlog grooming sessions for upcoming sprint is missing * Contract-Pact Testing for APIs |
| **Gaps in Testing Strategy** |
| * These is no indication of the coverage of Integration tests * Performance Testing is not covered by this team * No penetration testing for APIs |
| **Improvement Strategy** |
| * JIRA should be source of truth for all project activities * Backlog grooming session should be planned before sprint planning to refine all the requirements. * We should also do Contract-Pact testing before Integration testing * I’ll introduce Quality Gates process to improve overall process and quality. * I’ll introduce Performance Testing * We should also think about penetration testing after vulnerability scan from SonarCube. |