**Continuous Integration Notes**

CI To Do:

Integrate Jira and Git (Git hooks)

Integrate Jira and TestRail (once we get TestRail)

Option 1:

Atlassian - Stash

Atlassian - Bamboo

Option 2:

Open Source tools

1. Why Continuous Integration?
   1. Risks of not having CI
   2. Benefits
      1. QA Owns their own build
      2. QA Knows exactly what is deployed into production
      3. QA automates smoke/regression tests on each build
      4. Development knows very quickly if their build is green
   3. Recommendations
      1. Does Dev conduct code reviews on each check-in?
      2. Will Dev create unit tests?
2. Plan:
3. Selenium Server (Selenium Webdriver)
   1. VM Server at first, eventually moving over to an internal server Jenkins
   2. Running tests on virtual box (high level ones at first - simple test across browsers for example)
4. Vagrant - Learn more vagrant
5. Build tools - Get a grasp on Ant, Maven and how much I need to learn
6. Apache - learn more
7. Jira Git hooks - Find out how git data shows up in Jira (Need Fish-Eye?)
8. Process question:
9. Choose Project (Aramark?)
10. 1 Learn / Evaluate: Git / Github
11. 2 Evaluate Git / Stash
12. Including a terminology translation
13. 3 Evaluate Bamboo