March 5, 2016

Inspectors: Michael Kelly, James Mckay, Darvin Zhang, Corey Hickson

Inspectees: Michael Kelly, James Mckay

Peer Review Risk Document

Identified new risks

* Unsolvable issues
  + Bugs that are either too difficult or too time consuming to fix
  + Fix by educating user
  + If the steps of causing the bug are identified put in place barriers to prevent those steps
* Git Flow
  + Not following git flow causes repository to be disorganized
  + Not following git flow causes things to go missing and causes merge issues
  + Fix by documenting the git flow correctly
  + Group members paying attention to the git log and letting other group members know if they did something wrong
* Git Incompetence
  + Causes merge conflicts
  + Can destroy the project
* Tool Incompatibilities
  + Using lots of tools there is a greater chance that parts of those tools will not work well together
  + can cause functionality to break
  + Use multiple spike prototypes to test compatibility
  + Read documentation to better understand the technology
* Infrequent Commits
  + Can lose code if computer dies without committing
  + Other members don’t have an idea of the current state of things
  + Version mismatch or using outdated code
  + Other members waiting for functionality that they rely on
  + Important information left out of commit messages for large commits
* Too Frequent Commits
  + Desensitization to commit alerts
  + Code that is committed is incomplete or missing core functionality
  + Adhere to proper git usage
  + Less frequent commits