Risk Code Inspection

**Logistics**

1. When will a formal code inspection be warranted?
   1. They will be warranted when we want to merge code to the master branch.
2. Who will take the lead on the moderating inspections?
   1. One of the teammates that didn’t write the code will be a moderator.
3. How will you share the results of inspections?
   1. Merge requests have comment sections where a teammate who didn’t write the code will leave comments about the inspection. Other users will look at comments to understand the results.

**Criteria**:

1. What are the key "code smells" from each chapter of Clean Code?
   1. **Unnecessary comments, long functions, functions with too many arguments, dead code, bad format, non-descriptive variable/function/class names, magic numbers, class/function does more than one thing, poor error handling, and train wrecks**
2. Will everyone apply all criteria from every chapter from Clean Code? Or will each person specialize in a few criteria?
   1. If the code we are looking over is small, then at least one person who didn’t work on the code will apply all criteria from every chapter. Otherwise we have the teammates who didn’t work on the code split the criteria however they’d like.

**Scope:**

1. Will your team inspect every file in your codebase? Every file you touch in your feature branch? Or something else entirely?
   1. The team will inspect new code that is trying to be merged onto the master branch. We don’t want to constantly inspect code that we have already deemed clean.
2. Of those files, will each person look at every file in consideration? Or will your team assign different files to different people?
   1. If the new code is small (within about 100 lines of code) then we will have everyone look over all the files. If it is larger, then we might consider splitting it up between different people.

**Tools**:

1. To what extent can your inspection criteria be automated? Automation will increase your inspection's speed and reliability.
   1. We can automate checking for format, long methods/classes, too many arguments in functions, and comments.
2. Which aspects of your inspection criteria will need human intervention?
   1. We will have to hand check for Law of Demeter, magic numbers, poor error handling, non-descriptive names, and class/function responsibilities.