

Skull King Test Plan

Objective:

This document's objective is to provide a high-level overview of the plan to use testing and quality assurance to produce the best product possible. The Objective of the group is to remove all major bugs and minimize the number of minor bugs within the Skull King Scorekeeper App.

Code Review:

The group will use Github to store the code base, but to also monitor and control changes within the code base itself. There will be 2 Main branches: Dev and Main. The Dev branch will be the only way to push code to Main, and this will require 2 reviews of the changes made. To merge back to Dev, it will only take 1 other person to review. The Software Engineer that made the changes will NOT be allowed to review their own changes. If there are any merge conflicts, all Software engineers that pertain to that section of code will work together to resolve all conflicts.

Having 1 other person required to manage the pull requests to Dev should allow bugs to be caught and knowledge passed. Main branch is protected by 2 reviews, which is standard practice in professional settings.

Testing:

Testing will be done by the following:

1. Unit Tests
2. Practical use cases (actually using the app as expected)
3. Extreme use cases (trying to actively break the app)

The use cases should allow for the full app to be tested to make sure that a feature does not have an unintended effect on another feature.