

CSCC01 Code Review Strategy

Team Name: Ctrl-Alt-Elite

Team Number: 11

Date: November 12th, 2018

Table of Contents

Code Review Strategy

3

Code Review Strategy

Our team has decided to follow the guidelines listed below in order to review our code, as well as to give feedback and recommendations to our peers.

- Read thoroughly every piece of code before each commit. During this step, there might be some code improvements including syntax, style and design.
- Build and create unit tests to verify the code works as intended. That includes finding cases where the automatic tests might fail to ensure the functionality works properly.
- Find any possible fully/partially duplicated code and refactor into a more general functionality that can be reused in different contexts.
- Verify any comments in the code match the logic and explains what the code does.
- Think about any other equivalent ways to solve the problem or to perform the same actions. If other ways are found, compare it to the existing solution and replace it if it is shorter/easier/cleaner/faster.
- When reviews and feedback have been received from other team member, understand the suggestion (if not, ask the reviewer) and put it in practice to make the necessary changes.
- When making suggestions to teammates, it is important to verify the code functionality, maintainability and optimality. If there are any observations, communicate it to the code owner.