

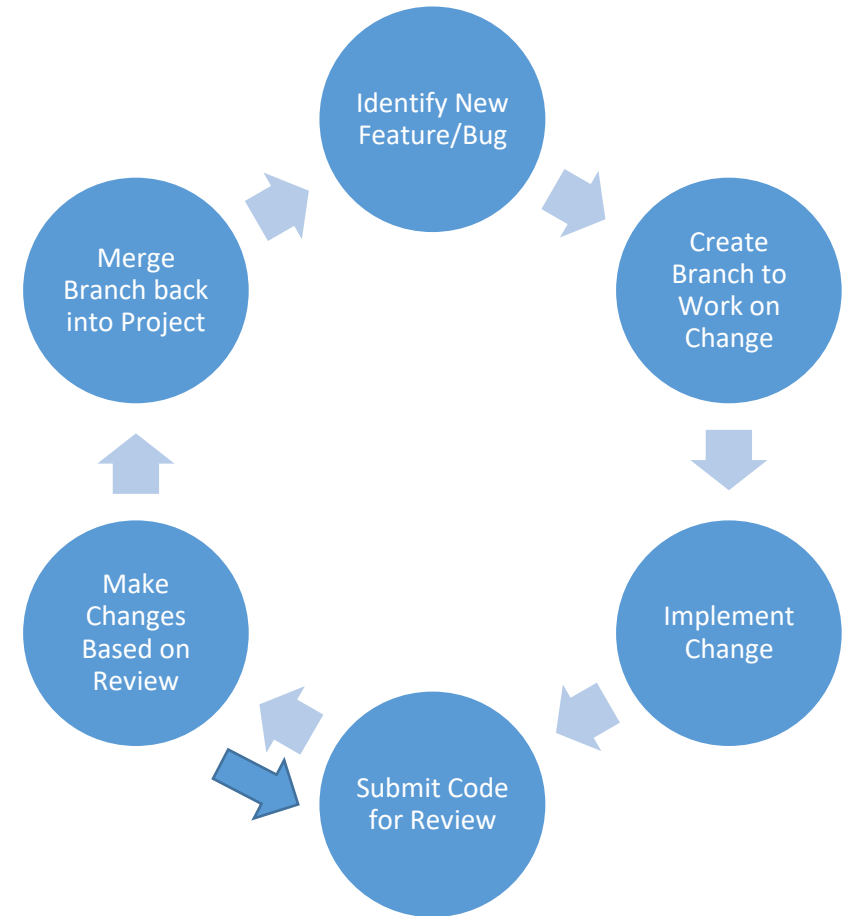
Code Reviews

“The human eye has an almost infinite capacity for not seeing what it does not want to see [...] Programmers, if left to their own devices will ignore the most glaring errors in the output -- errors that anyone else can see in an instant.”

Weinberg

Code Reviews

- When one developer finishes implementing an issue or new feature another looks over the code and reviews it
- It helps improve standards of the overall project and is a great learning tool for everyone involved
- A code review should not be personal or aggressive – identify positive and negative aspects of the code



What should you do as a code reviewer?

- Find and identify bugs
- Check that the source code is sticking to the project's standards
- Check that variable and method names are descriptive and follow conventions
- Check the length of classes and methods
 - Can these classes/methods be refactored into smaller ones? If they can then they should – remember the single responsibility principle
- Identify anything which is rebuilding something that already exists
- Identify any obviously inefficient code
- Identify code which is copied and pasted and suggest refactoring
- Check the code is readable and understandable