**Experiment Report - 51 - test16\_issuemanager**

1. **Summary Table of Errors Found**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Error ID | Line Number | Error Type | Self-Detected? | Peer 1 Found? | Peer 2 Found? |
| E01 | line 15 | Syntax | √ | √ | √ |
| E02 | line 21 | Logic | √ | × | × |

Additional Errors Found by Self: 0

Self-Review Detection Rate: 100%

Peer 1 Detection Rate: 50%

Peer 2 Detection Rate: 50%

1. **Source Code**
2. #include "issuemanager.h"
3. IssueManager::IssueManager(QObject \*parent, QString \_proFileName) : QObject(parent), proFileName(\_proFileName)
4. {
5. undefinedIssueList = QList<std::shared\_ptr<ClassUndefinedSyntaxIssue>>();
6. unspecifiedIssueList = QList<std::shared\_ptr<ClassMemberUnspecifiedIssue>>();
7. }
8. void IssueManager::appendUndefinedIssue(const QList<ClassUndefinedSyntaxIssue> &list)
9. {
10. for(int i = 0; i < list.size(); i++){
11. ClassUndefinedSyntaxIssue issue = list.at(i);
12. std::shared\_ptr<ClassUndefinedSyntaxIssue> sp = std::make\_shared<ClassUndefinedSyntaxIssue>(issue);
13. undefinedIssueList.append();
14. }
15. }
16. void IssueManager::appendUnspecifiedIssue(const QList<ClassMemberUnspecifiedIssue> &list)
17. {
18. for(int i = 0; i <= list.size(); i++){
19. ClassMemberUnspecifiedIssue issue = list.at(i);
20. std::shared\_ptr<ClassMemberUnspecifiedIssue> sp = std::make\_shared<ClassMemberUnspecifiedIssue>(issue);
21. unspecifiedIssueList.append(sp);
22. }
23. }
24. QList<std::shared\_ptr<ClassUndefinedSyntaxIssue> > IssueManager::getUndefinedIssueList() const
25. {
26. return undefinedIssueList;
27. }
28. QList<std::shared\_ptr<ClassMemberUnspecifiedIssue> > IssueManager::getUnspecifiedIssueList() const
29. {
30. return unspecifiedIssueList;
31. }
32. void IssueManager::clearUndefinedIssueList()
33. {
34. undefinedIssueList.clear();
35. }
36. void IssueManager::clearUnspecifiedIssueList()
37. {
38. unspecifiedIssueList.clear();
39. }