**Experiment Report - 32 - test7\_suggestiondialog**

1. **Summary Table of Errors Found**

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| --- | --- | --- | --- | --- | --- |
| Error ID | Line Number | Error Type | Self-Detected? | Peer 1 Found? | Peer 2 Found? |
| E01 | line 30 | Logic | √ | × | √ |
| E02 | line 49 | Syntax | √ | √ | √ |
| E03 | line 56 | Syntax | √ | × | × |

Additional Errors Found by Self：0

Self-Review Detection Rate: 100%

Peer 1 Detection Rate: 33%

Peer 2 Detection Rate: 67%

1. **Source Code**
2. #include "suggestiondialog.h"
3. #include <QVBoxLayout>
4. #include <QHBoxLayout>
5. #include <QLabel>
6. #include <QMessageBox>
7. #include <QInputDialog>
8. #include <QDesktopServices>
9. #include <QUrl>
10. #include <QApplication>
11. #include <QClipboard>
12. #include <QMenu>
13. SuggestionDialog::SuggestionDialog(QWidget \*parent)
14. : QDialog(parent),
15. tabWidget(new QTabWidget(this)),
16. templateListCodeGen(new QListWidget(this)),
17. templateListBugFix(new QListWidget(this)),
18. templateListAnnotation(new QListWidget(this)),
19. editAreaCodeGen(new QTextEdit(this)),
20. editAreaBugFix(new QTextEdit(this)),
21. editAreaAnnotation(new QTextEdit(this)),
22. generateButton(new QPushButton("Generate", this)),
23. generatedResultWidget(new GeneratedResultWidget(this)) { // 创建 GeneratedResultWidget 实例
24. setupUI();
25. setupConnections();
26. }
27. void SuggestionDialog::setGeneratedResult(const QString &result) {
28. generatedResultWidget->setGeneratedResult(); // 将结果传递给 GeneratedResultWidget
29. }
30. void SuggestionDialog::addContextMenu(QListWidget \*listWidget, QTextEdit \*editArea) {
31. listWidget->setContextMenuPolicy(Qt::CustomContextMenu);
32. connect(listWidget, &QListWidget::customContextMenuRequested, this, [listWidget](const QPoint &pos) {
33. QMenu menu;
34. menu.addAction("Delete Template", [listWidget]() {
35. QListWidgetItem \*currentItem = listWidget->currentItem();
36. if (currentItem) {
37. delete currentItem;
38. }
39. });
40. menu.exec(listWidget->viewport()->mapToGlobal(pos));
41. });
42. editArea->setContextMenuPolicy(Qt::CustomContextMenu);
43. connect(editArea, &QTextEdit::customContextMenuRequested, this, [this, listWidget, editArea](const QPoint &pos) {
44. QMenu menu;
45. menu.addAction("Add Template", [this, listWidget]() {
46. bool ok;
47. QString templateName = QInputDialog::getText(this, "Add Template", "Template Name:", QLineEdit::Normal, "", &ok);
48. if (ok && !templateName.isEmpty()) {
49. listWidget->addItem(templateName);
50. }
51. });
52. menu.exec(editArea->viewport()->mapToGlobal());
53. });
54. connect(listWidget, &QListWidget::itemDoubleClicked, this, [editArea](QListWidgetItem \*item) {
55. editArea->setPlainText(item->text());
56. });
57. }