**Experiment Report - 31 - test6\_suggestiondialog**

1. **Summary Table of Errors Found**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Error ID | Line Number | Error Type | Self-Detected? | Peer 1 Found? | Peer 2 Found? |
| E01 | line 31 | Syntax | × | √ | √ |
| E02 | line 42 | Syntax | √ | √ | × |
| E03 | line 55 | Semantic | √ | × | × |

Additional Errors Found by Self: 0

Self-Review Detection Rate: 67%

Peer 1 Detection Rate: 67%

Peer 2 Detection Rate: 33%

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::setupConnections() {
28. // 连接生成按钮，生成结果并显示
29. connect(generateButton, &QPushButton:clicked, this, [this]() {
30. // 获取当前页面内容
31. QTextEdit \*currentEditArea = nullptr;
32. switch (tabWidget->currentIndex()) {
33. case 0:
34. currentEditArea = editAreaCodeGen;
35. break;
36. case 1:
37. currentEditArea = editAreaBugFix;
38. break;
39. case 2:
40. currentEditArea = editAreaAnnotation;
41. default:
42. return;
43. }
44. if (currentEditArea) {
45. QString content = currentEditArea->toPlainText();
46. // 复制内容到剪贴板
47. QClipboard \*clipboard = QApplication::clipboard();
48. clipboard->setText(content);
49. // 打开 ChatGPT URL
50. QDesktopServices::openUrl(QUrl("chat.openai.com/"));
51. }
52. });
53. }