

I have gone in and corrected the code smells and errors directly affecting our codes performance and hidden errors. The following remaining errors are rudimentary and dont actually affect anything, not sure why we get "Lines too long errors" when they are not longer than the max character line.

PYLINT FOR GUI

```
PS C:\Users\mdmor\PycharmProjects\CIS 350 Recipe Generator> python -m pylint
--disable=C0114,C0116,E1101 .\GUI.py
***** Module GUI
GUI.py:1:0: C0103: Module name "GUI" doesn't conform to snake_case naming style
(invalid-name)
GUI.py:3:0: E0401: Unable to import 'PySide6.QtCore' (import-error)
GUI.py:4:0: E0401: Unable to import 'PySide6.QtGui' (import-error)
GUI.py:5:0: E0401: Unable to import 'PySide6.QtWidgets' (import-error)
GUI.py:18:0: C0115: Missing class docstring (missing-class-docstring)
GUI.py:18:0: R0902: Too many instance attributes (18/7) (too-many-instance-attributes)
GUI.py:20:8: R1725: Consider using Python 3 style super() without arguments
(super-with-arguments)
GUI.py:31:4: R0915: Too many statements (56/50) (too-many-statements)
GUI.py:189:15: E0606: Possibly using variable 'title_label' before assignment
(possibly-used-before-assignment)
GUI.py:192:4: W0238: Unused private member `MainWindow.__restart_ui(self)`
(unused-private-member)
GUI.py:18:0: R0903: Too few public methods (0/2) (too-few-public-methods)
GUI.py:235:0: C0115: Missing class docstring (missing-class-docstring)
GUI.py:235:0: C0103: Class name "recipe_widget" doesn't conform to PascalCase naming style
(invalid-name)
GUI.py:359:4: E0102: method already defined line 287 (function-redefined)
GUI.py:270:8: W0201: Attribute 'favorite_button' defined outside __init__
(attribute-defined-outside-init)
GUI.py:314:8: W0201: Attribute 'recipe_view' defined outside __init__
(attribute-defined-outside-init)
GUI.py:1:0: W0611: Unused import sys (unused-import)
```

PYLINT FOR Database

database.py:34:0: C0301: Line too long (105/100) (line-too-long)
database.py:66:0: C0301: Line too long (103/100) (line-too-long)
database.py:88:0: C0301: Line too long (116/100) (line-too-long)
database.py:117:0: C0301: Line too long (109/100) (line-too-long)
database.py:146:0: C0301: Line too long (111/100) (line-too-long)
database.py:154:0: C0301: Line too long (103/100) (line-too-long)
database.py:192:0: C0301: Line too long (118/100) (line-too-long)
database.py:199:0: C0301: Line too long (106/100) (line-too-long)
database.py:223:0: C0301: Line too long (111/100) (line-too-long)
database.py:231:0: C0301: Line too long (110/100) (line-too-long)
database.py:245:0: C0301: Line too long (107/100) (line-too-long)
database.py:247:0: C0301: Line too long (108/100) (line-too-long)
database.py:300:0: C0301: Line too long (108/100) (line-too-long)
database.py:308:0: C0301: Line too long (106/100) (line-too-long)
database.py:317:0: C0301: Line too long (116/100) (line-too-long)
database.py:318:0: C0301: Line too long (117/100) (line-too-long)
database.py:321:0: C0301: Line too long (116/100) (line-too-long)
database.py:331:0: C0301: Line too long (101/100) (line-too-long)
database.py:334:0: C0301: Line too long (111/100) (line-too-long)
database.py:3:0: W0105: String statement has no effect (pointless-string-statement)
database.py:5:0: C0115: Missing class docstring (missing-class-docstring)
database.py:262:15: W0718: Catching too general exception Exception
(broad-exception-caught)
database.py:310:15: R1721: Unnecessary use of a comprehension, use list(results) instead.
(unnecessary-comprehension)
database.py:303:4: W0238: Unused private member `Database.__close(self)`
(unused-private-member)

PEP8/flake8 for GUI

PS C:\Users\mdmor\PycharmProjects\CIS 350 Recipe Generator> python -m flake8

.\GUI.py

.\GUI.py:1:1: F401 'sys' imported but unused

.\GUI.py:103:9: E265 block comment should start with '#'

.\GUI.py:103:80: E501 line too long (87 > 79 characters)

.\GUI.py:117:80: E501 line too long (91 > 79 characters)

.\GUI.py:122:80: E501 line too long (85 > 79 characters)

.\\GUI.py:138:80: E501 line too long (80 > 79 characters)
.\\GUI.py:147:80: E501 line too long (84 > 79 characters)
.\\GUI.py:165:80: E501 line too long (84 > 79 characters)
.\\GUI.py:200:80: E501 line too long (80 > 79 characters)
.\\GUI.py:201:80: E501 line too long (81 > 79 characters)
.\\GUI.py:214:80: E501 line too long (91 > 79 characters)
.\\GUI.py:234:80: E501 line too long (84 > 79 characters)
.\\GUI.py:241:80: E501 line too long (87 > 79 characters)
.\\GUI.py:242:80: E501 line too long (84 > 79 characters)
.\\GUI.py:270:80: E501 line too long (96 > 79 characters)
.\\GUI.py:297:80: E501 line too long (90 > 79 characters)
.\\GUI.py:300:80: E501 line too long (86 > 79 characters)
.\\GUI.py:310:80: E501 line too long (91 > 79 characters)
.\\GUI.py:357:80: E501 line too long (89 > 79 characters)
.\\GUI.py:359:5: F811 redefinition of unused 'on_favorite_toggle' from line 287
.\\GUI.py:368:80: E501 line too long (86 > 79 characters)
.\\GUI.py:376:1: E305 expected 2 blank lines after class or function definition, found 1

PEP8/flake8 for database

PS C:\\Users\\mdmor\\PycharmProjects\\CIS 350 Recipe Generator> python -m flake8

.\\database.py
.\\database.py:5:1: E302 expected 2 blank lines, found 0
.\\database.py:15:80: E501 line too long (83 > 79 characters)
.\\database.py:17:73: W291 trailing whitespace
.\\database.py:27:80: E501 line too long (85 > 79 characters)
.\\database.py:30:80: E501 line too long (82 > 79 characters)
.\\database.py:34:80: E501 line too long (105 > 79 characters)
.\\database.py:40:80: E501 line too long (96 > 79 characters)
.\\database.py:42:80: E501 line too long (87 > 79 characters)
.\\database.py:45:80: E501 line too long (98 > 79 characters)
.\\database.py:51:80: E501 line too long (87 > 79 characters)
.\\database.py:53:80: E501 line too long (86 > 79 characters)
.\\database.py:55:80: E501 line too long (87 > 79 characters)
.\\database.py:57:80: E501 line too long (97 > 79 characters)
.\\database.py:63:80: E501 line too long (83 > 79 characters)
.\\database.py:65:80: E501 line too long (83 > 79 characters)
.\\database.py:66:80: E501 line too long (103 > 79 characters)
.\\database.py:76:80: E501 line too long (96 > 79 characters)
.\\database.py:83:80: E501 line too long (87 > 79 characters)
.\\database.py:85:80: E501 line too long (87 > 79 characters)
.\\database.py:88:80: E501 line too long (116 > 79 characters)
.\\database.py:99:80: E501 line too long (98 > 79 characters)
.\\database.py:107:80: E501 line too long (91 > 79 characters)
.\\database.py:108:80: E501 line too long (94 > 79 characters)

.\database.py:117:80: E501 line too long (109 > 79 characters)
.\database.py:127:80: E501 line too long (97 > 79 characters)
.\database.py:134:80: E501 line too long (94 > 79 characters)
.\database.py:136:80: E501 line too long (87 > 79 characters)
.\database.py:138:80: E501 line too long (98 > 79 characters)
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.\database.py:155:80: E501 line too long (96 > 79 characters)
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.\database.py:165:80: E501 line too long (90 > 79 characters)
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.\database.py:170:80: E501 line too long (84 > 79 characters)
.\database.py:172:80: E501 line too long (89 > 79 characters)
.\database.py:175:80: E501 line too long (99 > 79 characters)
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.\database.py:183:80: E501 line too long (91 > 79 characters)
.\database.py:188:80: E501 line too long (89 > 79 characters)
.\database.py:189:80: E501 line too long (86 > 79 characters)
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.\database.py:199:80: E501 line too long (106 > 79 characters)
.\database.py:205:80: E501 line too long (96 > 79 characters)
.\database.py:208:80: E501 line too long (100 > 79 characters)
.\database.py:214:80: E501 line too long (96 > 79 characters)
.\database.py:215:80: E501 line too long (87 > 79 characters)
.\database.py:218:80: E501 line too long (100 > 79 characters)
.\database.py:223:80: E501 line too long (111 > 79 characters)
.\database.py:225:80: E501 line too long (100 > 79 characters)
.\database.py:228:80: E501 line too long (97 > 79 characters)
.\database.py:231:80: E501 line too long (110 > 79 characters)
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.\database.py:318:80: E501 line too long (117 > 79 characters)
.\database.py:321:80: E501 line too long (116 > 79 characters)
.\database.py:326:48: W291 trailing whitespace
.\database.py:327:22: W291 trailing whitespace
.\database.py:331:80: E501 line too long (101 > 79 characters)
.\database.py:334:80: E501 line too long (111 > 79 characters)