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.

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)

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.\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)
.\database.py:139:80: E501 line too long (100 > 79 characters)
.\database.py:141:80: E501 line too long (100 > 79 characters)
.\database.py:144:80: E501 line too long (90 > 79 characters)
.\database.py:146:80: E501 line too long (111 > 79 characters)
.\database.py:152:80: E501 line too long (87 > 79 characters)
.\database.py:154:80: E501 line too long (103 > 79 characters)
.\database.py:155:80: E501 line too long (96 > 79 characters)
.\database.py:157:80: E501 line too long (100 > 79 characters)
.\database.py:160:80: E501 line too long (83 > 79 characters)
.\database.py:162:80: E501 line too long (83 > 79 characters)
.\database.py:164:80: E501 line too long (81 > 79 characters)
.\database.py:165:80: E501 line too long (90 > 79 characters)
.\database.py:167:80: E501 line too long (100 > 79 characters)
.\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)
.\database.py:178:80: E501 line too long (100 > 79 characters)
.\database.py:181:80: E501 line too long (89 > 79 characters)
.\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)
.\database.py:192:80: E501 line too long (118 > 79 characters)
.\database.py:194:80: E501 line too long (100 > 79 characters)
.\database.py:199:80: E501 line too long (106 > 79 characters)
.\database.py:205:80: E501 line too long (96 > 79 characters)
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.\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)
.\database.py:233:80: E501 line too long (100 > 79 characters)
.\database.py:236:80: E501 line too long (90 > 79 characters)
.\database.py:239:80: E501 line too long (93 > 79 characters)
.\database.py:241:80: E501 line too long (99 > 79 characters)
.\database.py:245:80: E501 line too long (107 > 79 characters)
.\database.py:247:80: E501 line too long (108 > 79 characters)
.\database.py:249:80: E501 line too long (100 > 79 characters)
.\database.py:252:80: E501 line too long (97 > 79 characters)
.\database.py:255:80: E501 line too long (95 > 79 characters)
.\database.py:269:80: E501 line too long (92 > 79 characters)
.\database.py:285:80: E501 line too long (98 > 79 characters)
.\database.py:295:80: E501 line too long (93 > 79 characters)
.\database.py:300:80: E501 line too long (108 > 79 characters)
.\database.py:308:80: E501 line too long (106 > 79 characters)
.\database.py:310:80: E501 line too long (99 > 79 characters)
.\database.py:317:80: E501 line too long (116 > 79 characters)
.\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)
```