

## Pylint Results

The score of all python files currently in the Bird Watching App is above 9.0/10.0:

**src/api-service/api/service.py**

```
jgary@Jackie:/mnt/c/Users/jgary/FinalProject/src$ pylint api-service/api/service.py
```

```
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Your code has been rated at 10.00/10 (previous run: 10.00/10, +0.00)
```

**src/api-service/api/routers/bird\_map.py:**

```
jgary@Jackie:/mnt/c/Users/jgary/FinalProject/src$ pylint api-service/api/routers/bird_map.py
```

```
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Your code has been rated at 10.00/10 (previous run: 10.00/10, +0.00)
```

**src/api-service/api/routers/bird\_sound.py:**

```
jgary@Jackie:/mnt/c/Users/jgary/FinalProject/src$ pylint api-service/api/routers/bird_sound.py
```

```
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Your code has been rated at 10.00/10 (previous run: 10.00/10, +0.00)
```

**src/api-service/api/routers/llm\_cnn\_chat.py**

```
jgary@Jackie:/mnt/c/Users/jgary/FinalProject/src$ pylint api-service/api/routers/llm_cnn_chat.py  
***** Module llm_cnn_chat  
api-service/api/routers/llm_cnn_chat.py:55:0: R0914: Too many local variables (26/15) (too-many-locals)  
api-service/api/routers/llm_cnn_chat.py:108:44: R1732: Consider using 'with' for resource-allocating operations (consider-using-with)  
api-service/api/routers/llm_cnn_chat.py:55:0: R0915: Too many statements (53/50) (too-many-statements)  
api-service/api/routers/llm_cnn_chat.py:189:0: R0914: Too many local variables (26/15) (too-many-locals)  
api-service/api/routers/llm_cnn_chat.py:249:44: R1732: Consider using 'with' for resource-allocating operations (consider-using-with)  
api-service/api/routers/llm_cnn_chat.py:189:0: R0912: Too many branches (13/12) (too-many-branches)  
api-service/api/routers/llm_cnn_chat.py:189:0: R0915: Too many statements (59/50) (too-many-statements)
```

```
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Your code has been rated at 9.46/10 (previous run: 9.46/10, +0.00)
```

**src/api-service/api/utils/agent\_tools.py**

```
jgary@Jackie:/mnt/c/Users/jgary/FinalProject/src$ pylint api-service/api/utils/agent_tools.py
```

```
-----  
Your code has been rated at 10.00/10 (previous run: 10.00/10, +0.00)
```

### src/api-service/api/utils/chat\_utils.py

```
jgary@Jackie:/mnt/c/Users/jgary/FinalProject/src$ pylint api-service/api/utils/chat_utils.py
```

```
-----  
Your code has been rated at 10.00/10 (previous run: 10.00/10, +0.00)
```

### src/api-service/api/utils/llm\_cnn\_utils.py

```
jgary@Jackie:/mnt/c/Users/jgary/FinalProject/src$ pylint api-service/api/utils/llm_cnn_utils.py  
***** Module llm_cnn_utils  
api-service/api/utils/llm_cnn_utils.py:58:0: R0914: Too many local variables (18/15) (too-many-locals)  
api-service/api/utils/llm_cnn_utils.py:66:4: C0415: Import outside toplevel (api.utils.agent_tools.bird_expert_tool, api.utils.agent_tools.execute_function_calls, api.utils.agent_tools.generate_query_embedding) (import-outside-toplevel)
```

```
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Your code has been rated at 9.58/10 (previous run: 9.58/10, +0.00)
```

### src/birdnet\_app/app/main.py

```
jgary@Jackie:/mnt/c/Users/jgary/FinalProject/src$ pylint birdnet_app/app/main.py  
***** Module app.main  
birdnet_app/app/main.py:33:11: W0718: Catching too general exception Exception (broad-exception-caught)  
birdnet_app/app/main.py:75:11: W0718: Catching too general exception Exception (broad-exception-caught)
```

```
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Your code has been rated at 9.74/10 (previous run: 9.74/10, +0.00)
```