

```
robot > tests > lib > app_control.py > ...
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```
1 import subprocess
2 import time
3 import os
4 import sys
5
6 try:
7     import requests
8 except Exception:
9     requests = None
10
11 Windsurf: Refactor | Explain
12 class AppControl:
13     """Lightweight Robot library to start and stop the Flask app used in tests.
14
15     Keywords exposed:
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL TEST RESULTS PORTS POSTMAN CONSOLE AZURE

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```
dillonkondylas@Mac CSC256-groupproject-Group7 % /Users/dillonkondylas/Documents/GitHub/CSC256-groupproject-Group7/.venv/bin/python -m pytest -q
 /Users/dillonkondylas/Documents/GitHub/CSC256-groupproject-Group7/app/services/time_service.py:58: DeprecationWarning: datetime.datetime.utcnow() is deprecated and scheduled for removal in a future version. Use timezone-aware objects to represent datetimes in UTC: datetime.datetime.now(datetime.UTC).
 local_utc = datetime.utcnow().strftime("%Y-%m-%dT%H:%M:%S.%fZ")
```

— Docs: <https://docs.pytest.org/en/stable/how-to/capture-warnings.html>

===== tests coverage =====

coverage: platform darwin, python 3.13.7-final-0

Name	Stmts	Miss	Cover	Missing
app/__init__.py	61	4	93%	64–65, 86–87
app/exceptions.py	13	0	100%	
app/main.py	4	1	75%	6
app/models/sqlalchemy_task.py	15	1	93%	28
app/models/task.py	11	0	100%	
app/repositories/database_task_repository.py	82	30	63%	22, 31, 44, 53, 65, 78, 90, 157–161, 165–175, 179–188
app/routes/health.py	5	0	100%	
app/routes/tasks.py	40	6	85%	23–26, 67–69
app/routes/time.py	9	0	100%	
app/routes/ui.py	45	11	76%	73–75, 109–112, 130–132, 156–160
app/routes/ui_time.py	11	2	82%	25–27
app/schemas.py	30	3	90%	85, 134, 154
app/services/task_service.py	57	2	96%	31, 47
app/services/task_storage.py	26	7	73%	11, 20–21, 29–30, 45, 49
app/services/time_service.py	26	2	92%	65–66
TOTAL	435	69	84%	

Coverage HTML written to dir htmlcov

170 passed, 3 warnings in 190.18s (0:03:10)

dillonkondylas@Mac CSC256-groupproject-Group7 %