Functional Test Report

Test-1: .git/HEAD

Result: PASS/FAIL

Observation:

Test-2: .git/config

Result: PASS/FAIL

Observation:

Test-3: .git/description

Result: PASS/FAIL

Observation:

Test-4: .git/index

Result: PASS/FAIL

Observation:

Test-5: .git/info/exclude

Result: PASS/FAIL

Observation:

Test-6: .git/logs/HEAD

Result: PASS/FAIL

Observation:

Test-7: .git/logs/refs/heads/main

Result: PASS/FAIL

Observation:

Test-8: .git/logs/refs/remotes/origin/HEAD

Result: PASS/FAIL

Observation:

Test-9: .git/packed-refs

Result: PASS/FAIL

Observation:

Test-10: .git/refs/heads/main

Result: PASS/FAIL

Observation:

Test-11: .git/refs/remotes/origin/HEAD

Result: PASS/FAIL

Observation:

Test-12: LICENSE

Result: PASS/FAIL

Observation:

Test-13: Makefile

Result: PASS/FAIL

Observation:

Test-14: backend/api\_server/main.py

Result: PASS/FAIL

Observation:

Test-15: backend/data\_streamer/main.py

Result: PASS/FAIL

Observation:

Test-16: backend/data\_streamer/vehicle\_pose.py

Result: PASS/FAIL

Observation:

Test-17: backend/dev\_scripts/mock\_backend.py

Result: PASS/FAIL

Observation:

Test-18: backend/install/\_local\_setup\_util\_ps1.py

Result: PASS/FAIL

Observation:

Test-19: backend/install/\_local\_setup\_util\_sh.py

Result: PASS/FAIL

Observation:

Test-20: backend/requirements.txt

Result: PASS/FAIL

Observation:

Test-21: backend/ros2\_nodes/ros2\_nodes/slam\_node/CMakeLists.txt

Result: PASS/FAIL

Observation:

Test-22: backend/ros2\_nodes/ros2\_nodes/slam\_node/src/slam\_logic.cpp

Result: PASS/FAIL

Observation:

Test-23: docs/rest\_api.md

Result: PASS/FAIL

Observation:

Test-24: docs/websocket\_api.md

Result: PASS/FAIL

Observation:

Test-25: frontend/Dockerfile

Result: PASS/FAIL

Observation:

Test-26: frontend/README.md

Result: PASS/FAIL

Observation:

Test-27: frontend/public/robots.txt

Result: PASS/FAIL

Observation:

Test-28: frontend/src/App.js

Result: PASS/FAIL

Observation:

Test-29: frontend/src/App.test.js

Result: PASS/FAIL

Observation:

Test-30: frontend/src/components/MapView.js

Result: PASS/FAIL

Observation:

Test-31: frontend/src/components/SystemHealthPanel.js

Result: PASS/FAIL

Observation:

Test-32: frontend/src/index.js

Result: PASS/FAIL

Observation:

Test-33: frontend/src/reportWebVitals.js

Result: PASS/FAIL

Observation:

Test-34: frontend/src/services/apiService.js

Result: PASS/FAIL

Observation:

Test-35: frontend/src/services/websocketService.js

Result: PASS/FAIL

Observation:

Test-36: frontend/src/setupTests.js

Result: PASS/FAIL

Observation:

Test-37: rest\_api.md

Result: PASS/FAIL

Observation:

Test-38: websocket\_api.md

Result: PASS/FAIL

Observation: