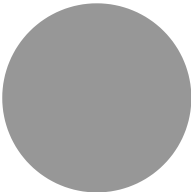




Runs (Summary) 12/12/2025

Project: IoT Music Visualizer Testing
By Osame Osayande, 12/12/2025 7:09 AM

Run: Core Functionality

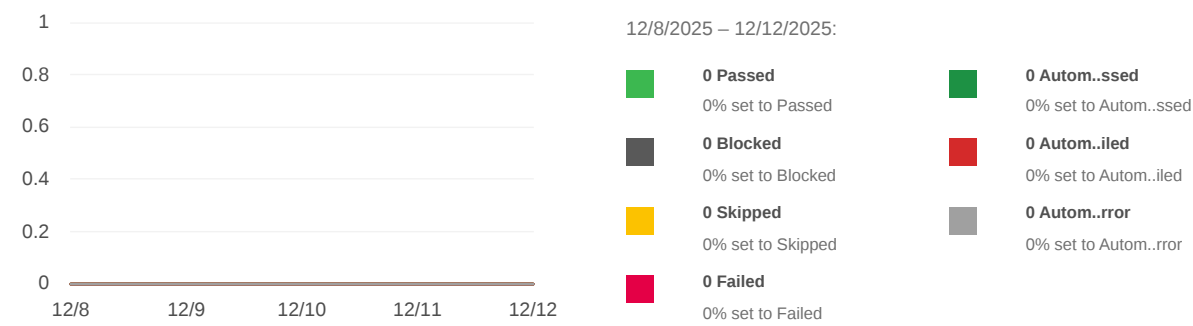


- 0 Passed**
0% set to Passed
- 0 Blocked**
0% set to Blocked
- 0 Skipped**
0% set to Skipped
- 0 Failed**
0% set to Failed
- 0 Autom..ssed**
0% set to Autom..ssed
- 0 Autom..iled**
0% set to Autom..iled
- 0 Autom..rror**
0% set to Autom..rror

0%
passed
20 / 20 untested (100%).

Created On	12/12/2025
Completed	No

Activity



Friday, December 12, 2025

Untested	Rebuild occurs automatically after code changes (optional if using bind mounts)
Untested	Containers communicate over network
Untested	Docker-compose up runs without errors
Untested	Docker-compose builds all containers
Untested	Preset load endpoint returns valid preset
Untested	Preset save endpoint responds correctly
Untested	Backend server responds on startup
Untested	Saving preset with no name prompts error
Untested	Load saved preset
Untested	Save preset to backend
Untested	Settings panel opens
Untested	Load button appears and is clickable
Untested	Save button appears and is clickable
Untested	Visualizer UI loads correctly
Untested	FFT processing continues under silence
Untested	FFT analyzer produces frequency data

Untested

FFT analyzer initializes successfully

Untested

Handle missing microphone

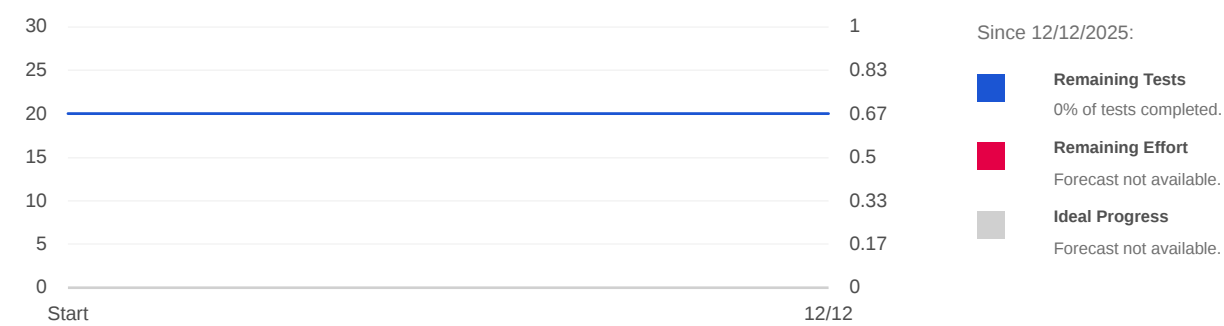
Untested

Detect audio input signal


Untested

Verify microphone permissions

Progress




Forecasts & Estimates



Based on the current activity and forecasts, the projected completion date for the test run(s) is:

Unknown
Forecast not possible



The test run(s) were started **11 minutes ago** (12/12/2025).

Completed: 0% (0/20)
Elapsed: 0hr 0min
Tests / day: 0
Hours / day: n/a



Metric

By Estimate

By Forecast

Completed

0hr 0min

n/a

To-do

0hr 0min

n/a

Total

0hr 0min

n/a

Tests & Results

1. Audio Input (3)

ID	Title	Status
T161	Verify microphone permissions	Untested
T162	Detect audio input signal	Untested
T163	Handle missing microphone	Untested

2. FFT Analysis (3)

ID	Title	Status
T164	FFT analyzer initializes successfully	Untested
T165	FFT analyzer produces frequency data	Untested
T166	FFT processing continues under silence	Untested

3. UI (4)

ID	Title	Status
T167	Visualizer UI loads correctly	Untested
T168	Save button appears and is clickable	Untested
T169	Load button appears and is clickable	Untested
T170	Settings panel opens	Untested

4. Management (3)

ID	Title	Status
T171	Save preset to backend	Untested
T172	Load saved preset	Untested
T173	Saving preset with no name prompts error	Untested

5. Backend (3)

ID	Title	Status
T174	Backend server responds on startup	Untested

T175	Preset save endpoint responds correctly	Untested
T176	Preset load endpoint returns valid preset	Untested

6. Docker Environment (4)

ID	Title	Status
T177	Docker-compose builds all containers	Untested
T178	Docker-compose up runs without errors	Untested
T179	Containers communicate over network	Untested
T180	Rebuild occurs automatically after code changes (optional if using bind mounts)	Untested