

ConfidenceAI — Live Coaching Platform

Live confidence coaching that scores how you feel and never leaves you with silence.

BUILT WITH

Google Gemini

Streamlit

Pydantic

Python

Live Deployment

2

scores combined; the lower one wins

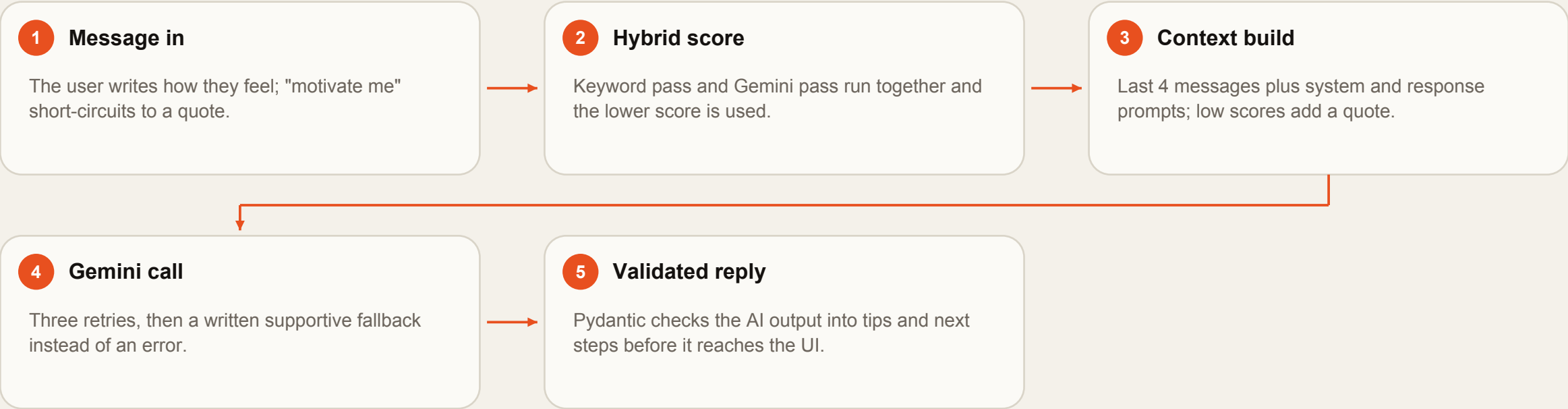
3

retries before a supportive fallback

4

recent messages kept as context

How it works



WHAT EACH PART DOES

Confidence assessor	A keyword pass and a Gemini pass both score the message.
Context builder	Adds the last four messages and the right prompts; low scores get a quote.
Gemini client	Retries three times, then returns a written supportive reply.
Validator (Pydantic)	Turns the AI's reply into typed fields: tips and next steps.
Session (Streamlit)	Keeps the conversation for the current visit.



Key decisions

01

Score twice and trust the cautious one

Under-reacting to distress is worse than over-reacting to a neutral message, so the lower of the two scores is used.

02

Every AI call has a real fallback

If Gemini stays unreachable the user gets a supportive written reply instead of an error screen.

03

Validate the AI's own output

Replies are parsed into typed models before they reach the interface, not trusted as free text.

04

Memory lives in the session only

Context is the last four messages of the current visit.

TRADE-OFF

It does not carry across reloads or devices.



Stack, status and what is next

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KNOWN LIMITS

- Conversation memory is not saved between visits.

NEXT STEPS

- Multi-language support.
- Voice input and output.
- A plugin system and an OpenAPI layer. None of these are built yet.

LIVE DEMO

<https://9punzdhswetzx92taubijy.streamlit.app/>

SOURCE

<https://github.com/wailethewave/AI-Powered-Confidence-Coaching-App>

