pibu.ai

The Problem

Skin conditions affect 1 in 3 Americans at any given time

Web searches often lead to unnecessary anxiety

patients misinterpret information from unreliable sources and assume serious diagnoses

Nationwide shortage of dermatologists is an ongoing issue

Primary care physicians lack dermatology training

61% diagnostic accuracy for urgent skin conditions, <40% of residents feel adequately prepared

Existing Solutions

Consumer Apps

Limited model transparency

Narrow diagnostic range

Lack of temporal tracking

General AI

Limited accuracy

API-dependent access

Privacy concerns

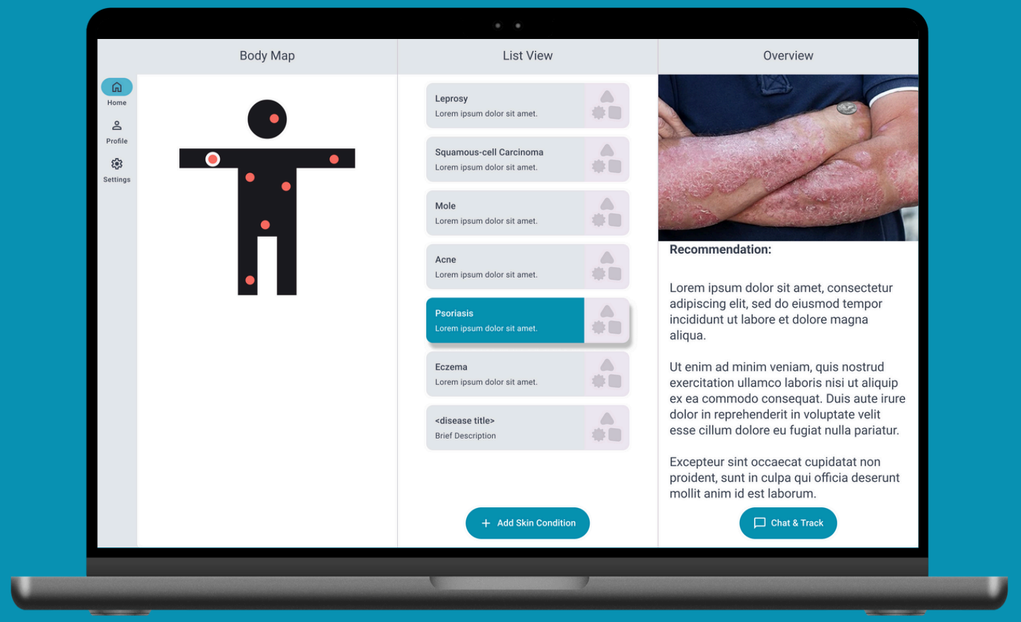
Our Solution

Delivers robust performance

Ensures easy accessibility

Preserves user privacy

Tracks changes over time

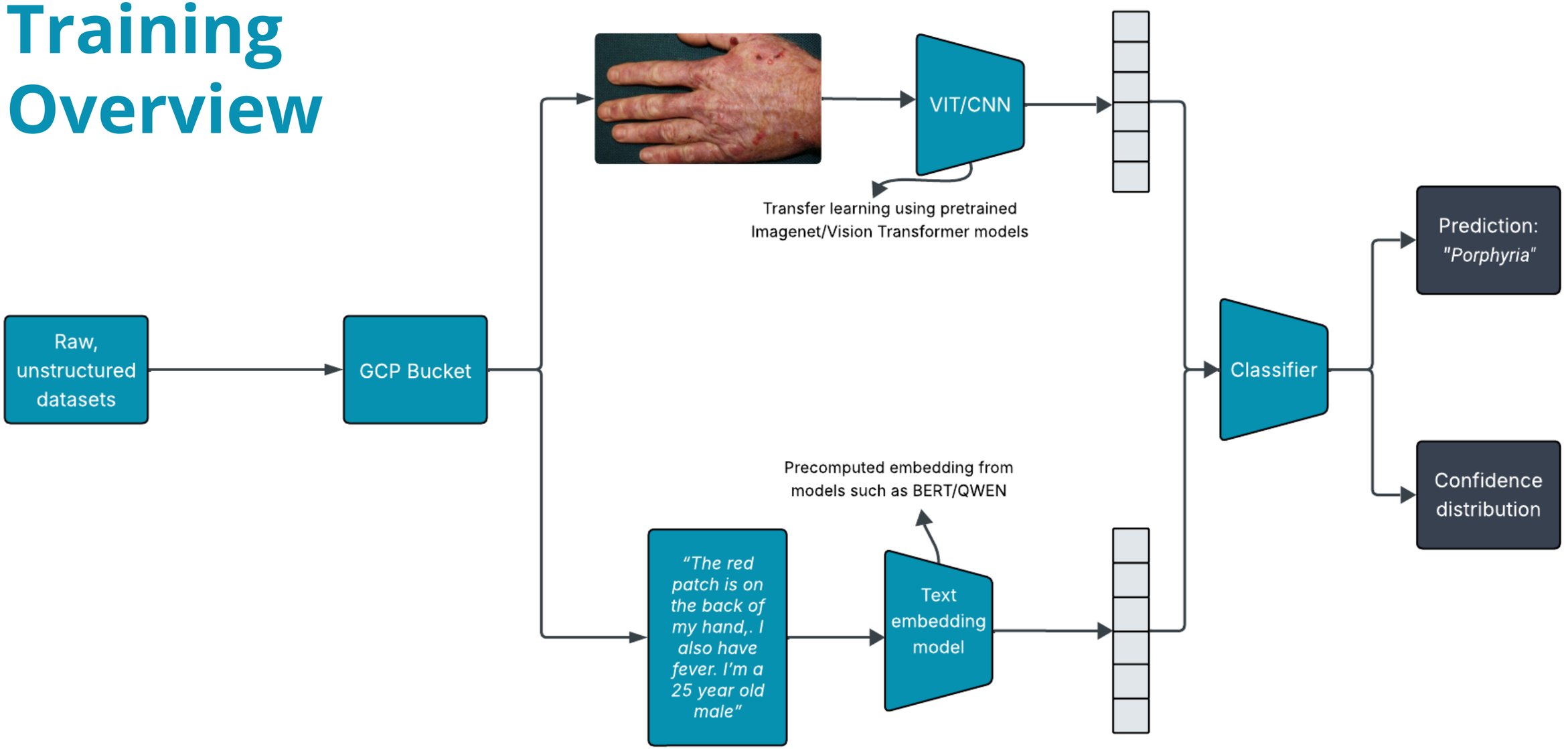


Target Audience

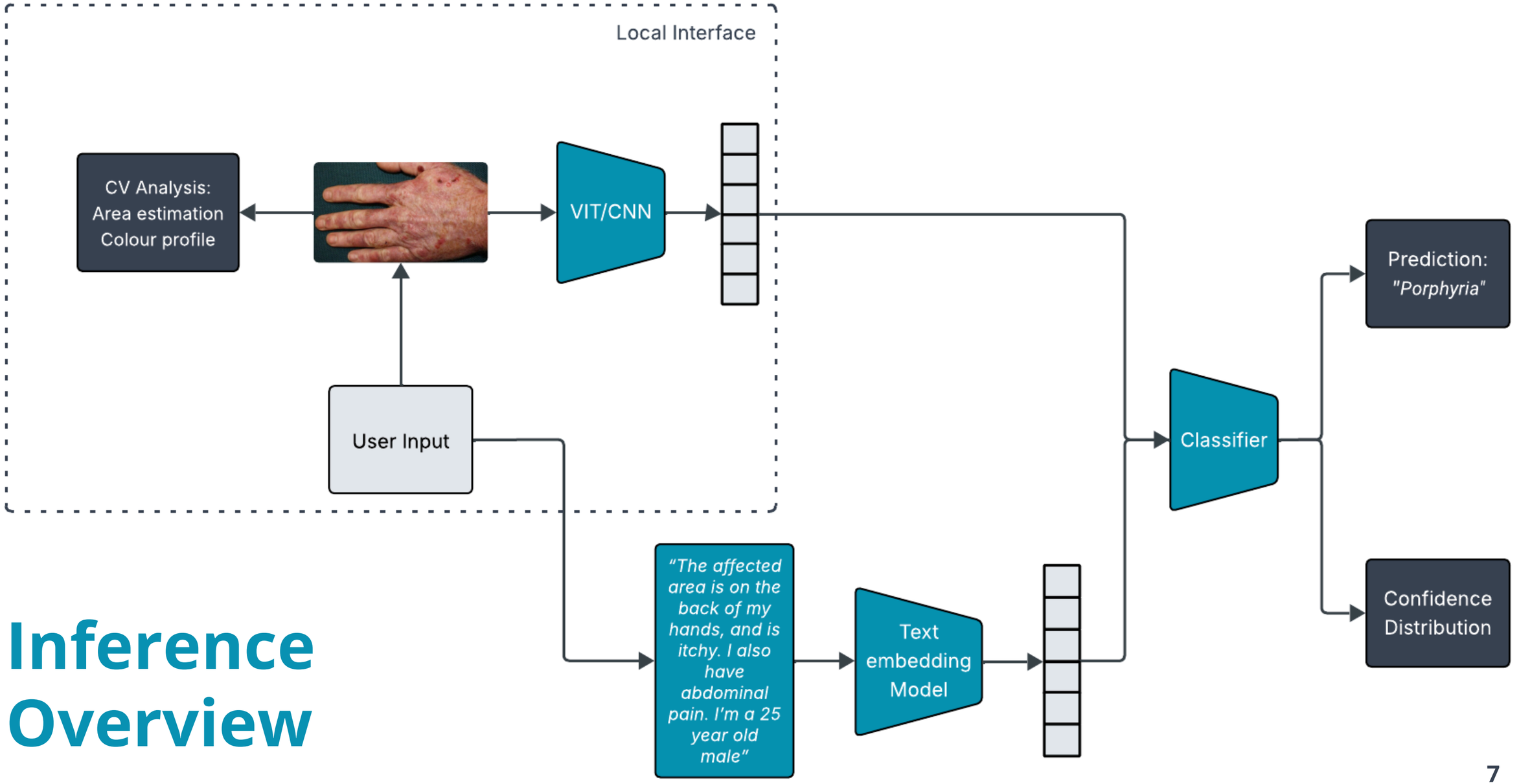
General Consumers

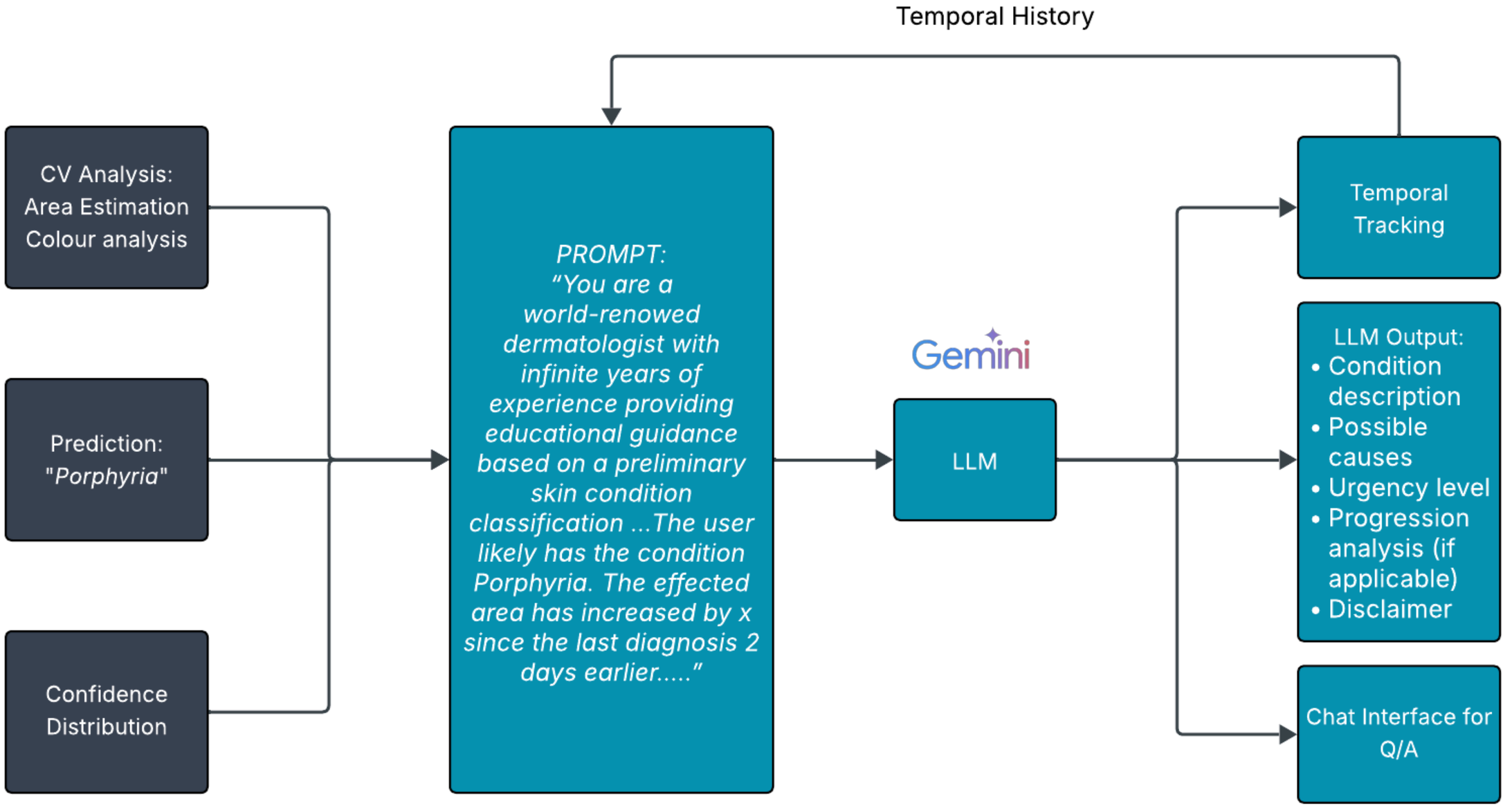
Clinicians

Training Overview

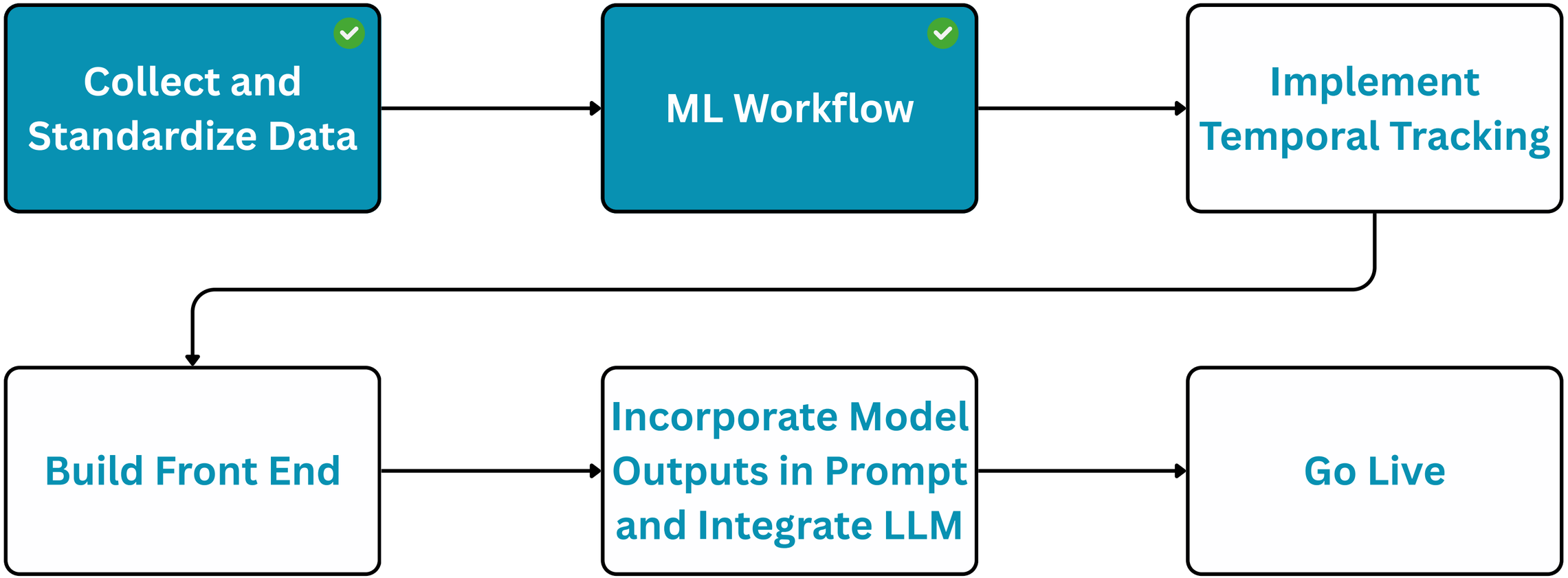


Inference Overview



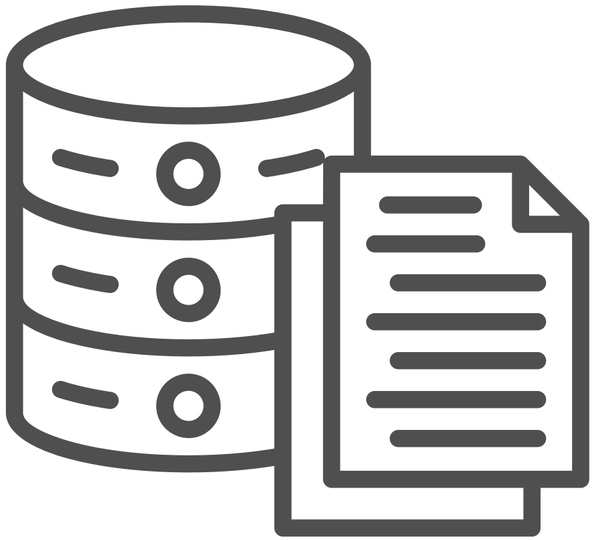

Temporal History
CV Analysis:
Area Estimation
Colour analysis
Prediction:
"Porphyria"
Confidence
Distribution
PROMPT:
"You are a world-renowed dermatologist with infinite years of experience providing educational guidance based on a preliminary skin condition classification ...The user likely has the condition Porphyria. The effected area has increased by x since the last diagnosis 2 days earlier....."
Gemini
LLM
Temporal Tracking
LLM Output:
• Condition description
• Possible causes
• Urgency level
• Progression analysis (if applicable)
• Disclaimer
Chat Interface for Q/A

Future Development



Market Growth

Expanding Datasets



EHR Integration

Multilingual Expansion

Don’t stress,
you have pibu

Appendix

References

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