CASE STUDY / CONSUMER IOS

Quantyx

Latitude
Facts checked 22 Nov 2026

Latitude: the real night sky over where you stand, with sourced sky lore from seven traditions

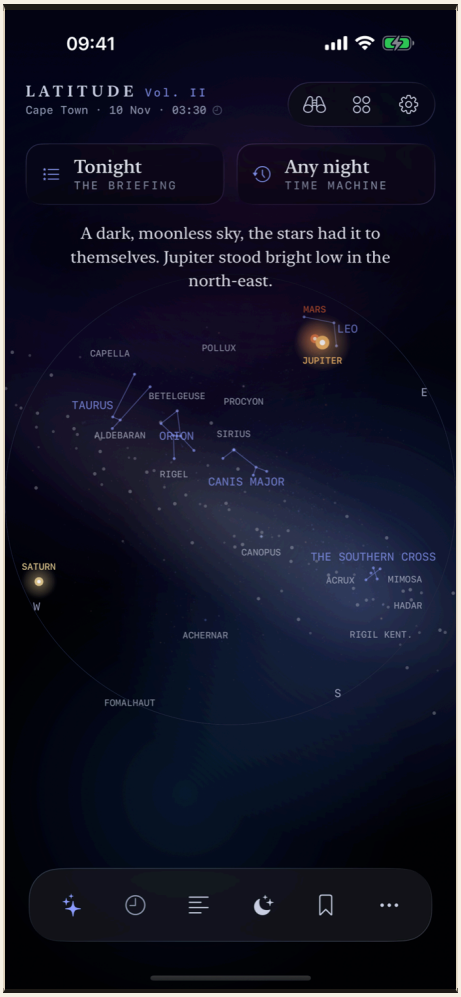
THE BRIEF

Latitude says what an object physically is first, then lets the reader choose whose sky to read, with each reading naming its people and a published source. It is free, with no account, ads or in-app purchases.

WHAT WE BUILT

- A sky computed on the device for the user's place and time: the moon and its phase, naked-eye planets and more than fifteen thousand stars with constellations.
- A sky-lore catalogue of 16 objects through seven traditions: Southern African, Greek and Roman, Arabic, Polynesian and Maori, Aboriginal Australian, East Asian and Norse.
- A time machine that takes an exact date and time and shows the sky for that moment.
- Written field notes for any night, shareable as a card.
- ISS pass and eclipse alerts, and a Live Activity.
- A spoken description of the sky for VoiceOver users.

> *Every reading names its people and a published source.*
> LATITUDE, APP STORE DESCRIPTION



Cape Town, 10 Nov 03:30. Simulator frame.

CRAFT AND QUALITY

DEVICES
iPhone and iPad, with a fold-aware layout for iPhone Duo.

TESTS
321 unit tests; tests fail if a lore entry has no source or no named people.

ACCESSIBILITY
VoiceOver labels, Reduce Motion and contrast support.

ALERTS
Local alerts only, held back inside quiet hours (10 pm to 8 am); the quiet-hours rule is covered by unit tests.

15,000+	16	7	321
STARS	SOURCED LORE OBJECTS	TRADITIONS	UNIT TESTS

STATUS

Live, free, iPhone and iPad. Version 3.3. apps.apple.com/za/app/id6778292718

Limits. We publish no download, rating or revenue figures. Tests check that a source is cited, not that each source is correct; isiZulu and isiXhosa wording awaits native-speaker review. Cloud cover uses the Open-Meteo weather service. ISS position and the daily astronomy picture also use public web services. Duo layouts were tested on the simulator, not a physical device. Verified against source code and App Store Connect, 22 Nov 2026; evidence on request.

WHAT IT SHOWS A CLIENT

- You get a citation rule enforced by tests that fail if an entry has no source or named people.
- You get a sky computed on-device for 15,000+ stars, free with no account, ads or in-app purchases.
- You get layouts adapted to a new form factor, checked on the iPhone Duo simulator.

WORK WITH QUANTYX
Send us your brief: vuyo@quantyx.co.za
quantyx.co.za