

T5 Desk Assistant — Voice-First Desktop Device

Compact assistant for scheduling, health nudges, and quick device control.

Problem

Desktops are cluttered with single-function devices; users need a compact, integrated assistant for schedule, wellness, and device control.

Solution

Tuya T5-based, voice-first device with local/cached voice Q&A, concise display cards, and Tuya Cloud device control—hands-free queries, schedule notifications, and health nudges.

Impact

- Reduces device clutter and context switching
- Boosts workday wellness with timely nudges
- Saves time with instant voice schedule queries

MVP / Must-haves

- Hotword + voice Q&A (local or cloud fallback)
- Calendar sync & notifications (Google Calendar via Tuya integration/mocks)
- Health reminders (sedentary/water/stand) + display cards
- Minimal UI: next event, health summary, quick actions

Technology & Components

- **Hardware:** Tuya T5 dev board, mic array, small display
- **Software:** Edge voice processing; optional cloud LLM

Demo Plan

90s clip — hotword trigger → schedule query → health reminder → toggle lamp (mock Tuya).

Ask / Assets

1-page PDF of this intro, 90s demo clips & storyboard, minimal demo repo (README & mock endpoints).

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