



Miftah

Hotel self check-in

Miftah means key in Arabic

Guests check themselves in at a self-service kiosk or on their phone, and walk away with a room key without queueing at the front desk. One platform for many hotels, each with its own branding, prices and isolated data.

Who it is for

Hotels with heavy arrival peaks

Makkah and Madinah during Hajj, Umrah season and Ramadan, when hundreds of bookings arrive within hours in many languages.

Hotel groups

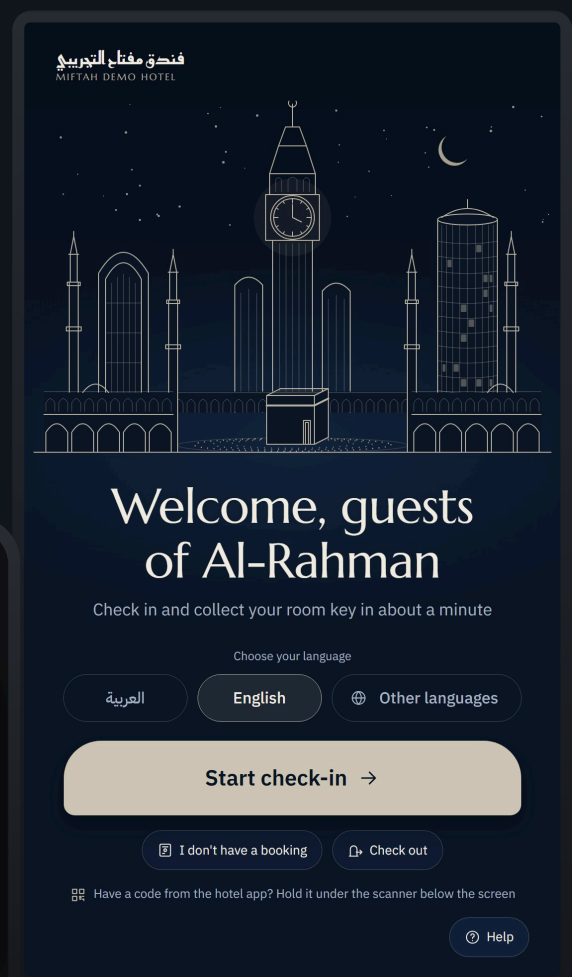
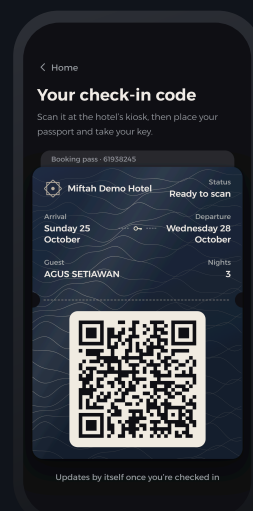
One system across their properties.

Kiosk manufacturers and integrators

Hotel software ready to ship with the machine.

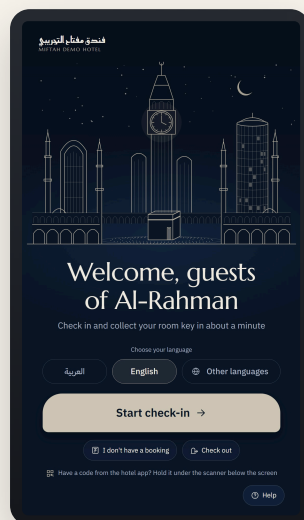
Hotel technology companies

Self check-in to add to their product line.

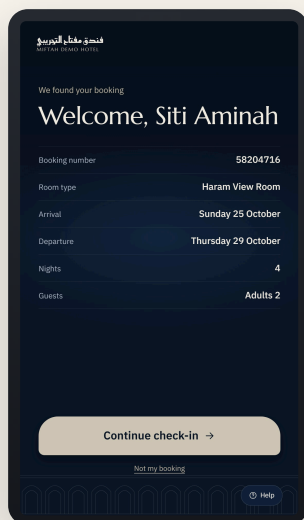


At the kiosk

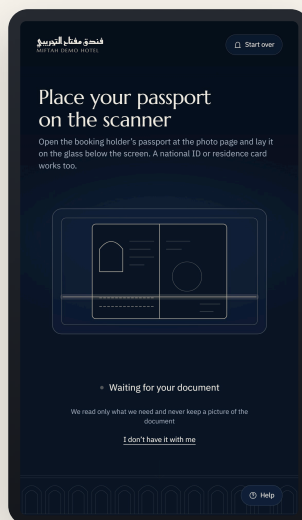
Eight short steps in the guest's language, from finding the booking to holding the key.



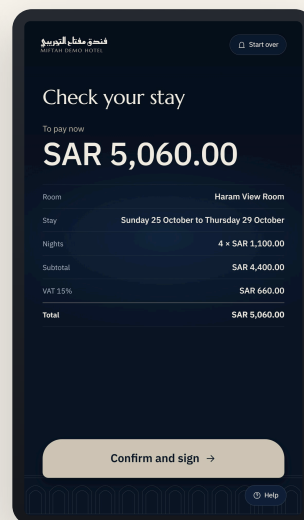
1
Picks a language
27 languages, Arabic first



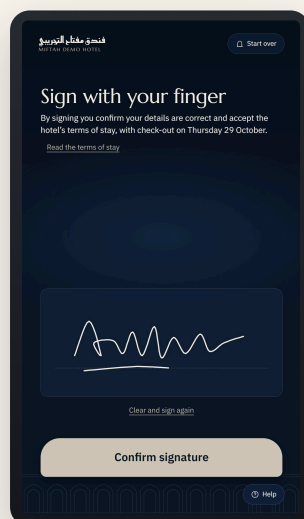
2
Finds the booking
Booking number and surname, or the app's QR code



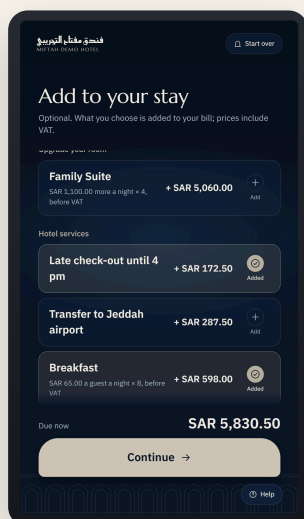
3
Places the passport
Matched to the booking; no image kept



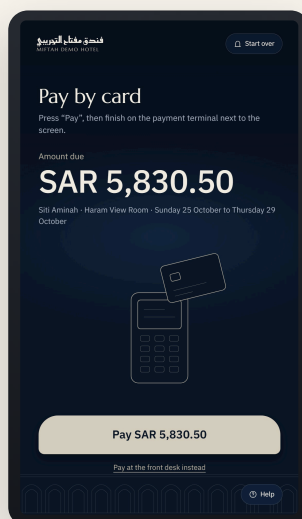
4
Checks the stay
Amounts and VAT shown before paying



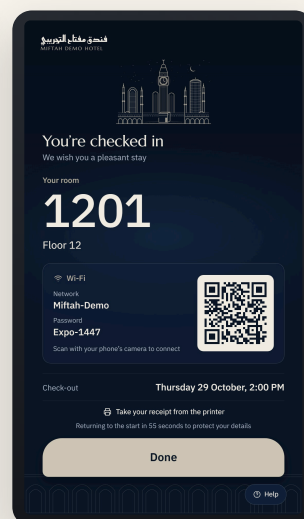
5
Signs
The hotel's own terms, in their language



6
Adds extras
Upgrades and services at the hotel's prices



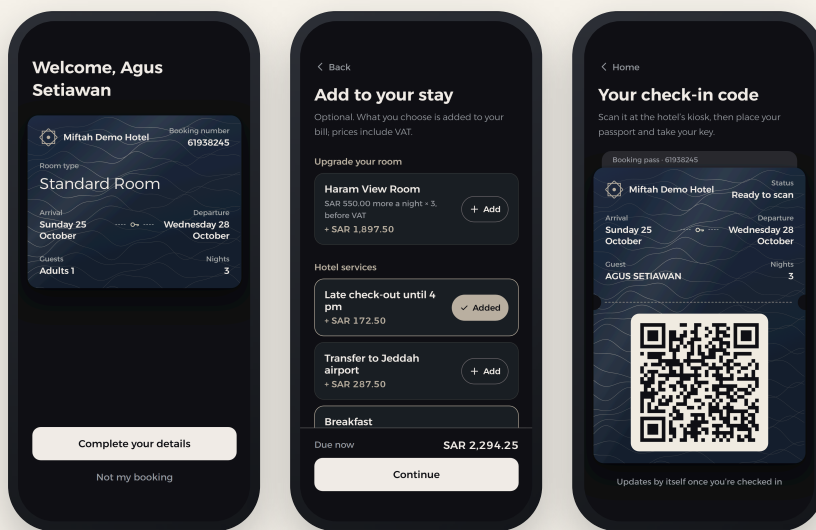
7
Pays
Card at the kiosk, on the phone, or at the desk



8
Takes the key
With room, Wi-Fi and check-out time, and a printed receipt

The same kiosk handles check-out with card return, and walk-in bookings for guests without a reservation. If a guest walks away, the screen clears and returns to the start, and the Help button alerts the front desk.

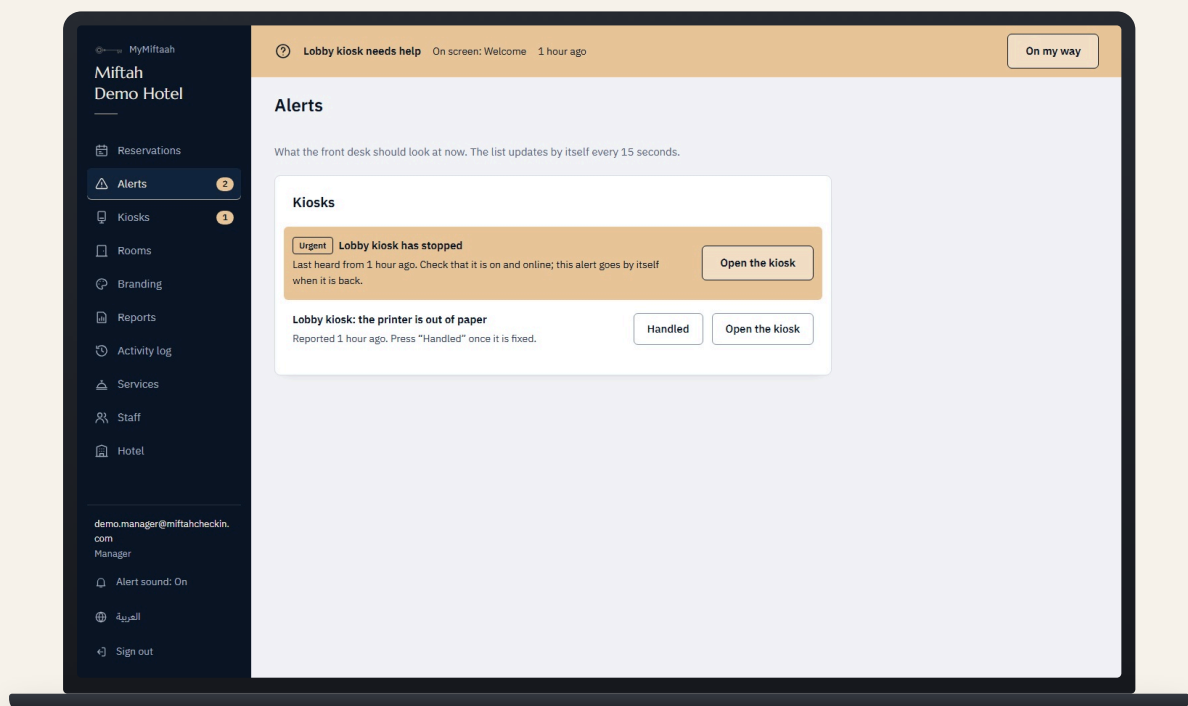
Before arrival, and behind the desk



Guest app iOS and Android

- Guests sign in with their reservation number and surname. No account needed.
- They complete check-in before arrival: document, terms, extras and payment.
- They get a QR pass; at the kiosk they scan it, place their passport to confirm, and the key comes out.
- The app carries their hotel's logo and colours.

Hotel panel Any browser



- Front desk: today's arrivals and departures, check-in and check-out, payments, refunds and invoices.
- Alerts when a kiosk goes offline or a device fails, and guests' help requests.
- A daily report for the manager, and an activity log of who did what and when.
- Rooms, services and prices, hotel branding, and staff accounts with roles and two-factor sign-in.

Integrations

Oracle OPERA Cloud	Through Oracle's official OHIP platform: reservation lookup, check-in and check-out, room assignment, deposits and folio, room keys, and card payments on the hotel's own terminal through OPI. Each hotel connects its own OPERA account from the panel.
Moyasar	Online card payments, with signed webhooks and protection against double charges.
ZATCA	Simplified tax invoices with the e-invoicing QR, or a plain receipt when the hotel's own system issues the tax invoice.
Kiosk devices	TTCE K750 card dispenser, Sinosecu passport reader with QR scanner, and Caysn thermal printer, through a small service on the kiosk. Devices sit behind an adapter layer, so swapping a device or a door-lock brand does not touch the screens.
Kiosk setup	A script that locks Windows down to the self-service screen only.

Security

- Each hotel's data is isolated in the database itself, with automated tests proving one hotel cannot read another's.
- No card numbers are stored. Guest data is erased after a period the hotel sets, and logs carry no personal data.
- Two-factor sign-in for staff, and limits on tries for booking lookup and sign-in.

3,400+ automated tests

All of them run on every code change.

Database	2,064
Web and panel	729
Shared code	309
Device service	230
Guest app	36
End-to-end journeys	68

Next.js, React and TypeScript, PostgreSQL, and Expo for the app. Organised code with full documentation for every part.

Where it stands today

- Live on the internet with a complete demo hotel. Devices run in simulation.
- Not yet run on a physical kiosk. Bring-up on a real machine takes about five working days.
- The OPERA integration follows Oracle's published specifications and needs a run on Oracle's sandbox before the first hotel.
- Door-lock encoding needs the SDK of the hotel's lock vendor; the adapter is ready for it.
- No customers yet.

The offer

Two options; the buyer chooses:

Full purchase

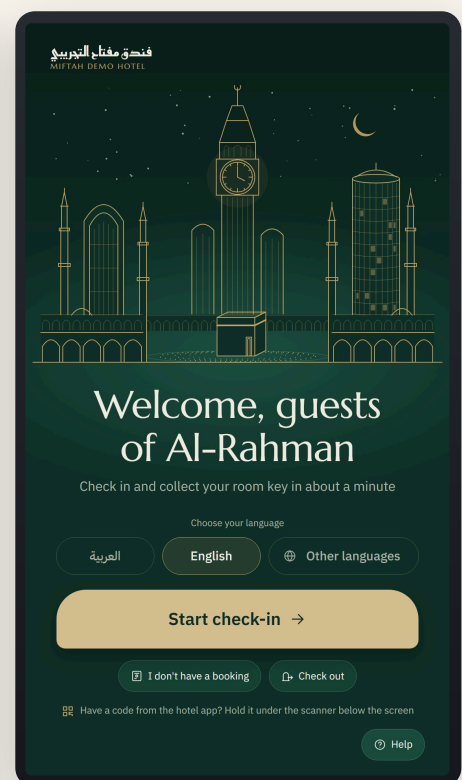
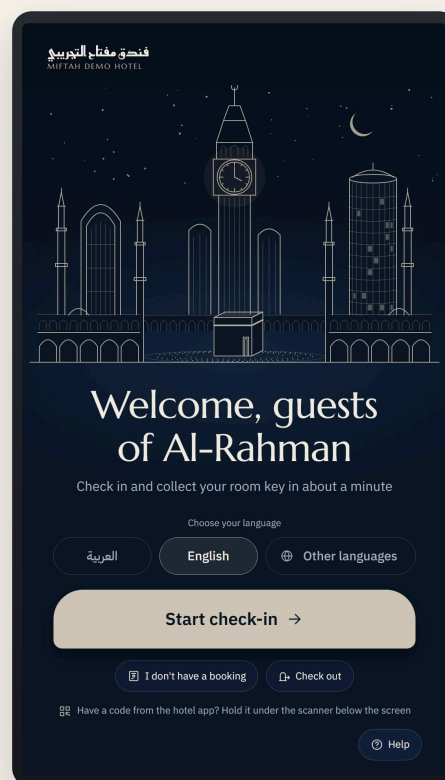
The complete source code with documentation, tests and design, transfer of the repository, accounts and domain, and a handover support period.

License

A setup fee per hotel and a monthly fee per kiosk, including updates and support.

Each hotel's own look

The manager changes the logo, colours and images in the panel; the kiosk shows them to the next guest.



Watch the whole journey, and book a live demo over video call.

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