Detailed product introduction

Fleet management and driver assistant

Product introduction

The Pars Hadish fleet management and intelligent driver assistant solution is designed to coordinate drivers' activities, monitor bus movements, manage fare payments, and review fleet performance.

The solution connects an onboard bus device to the central fleet management system. Drivers use the device to sign in and start their shifts. Movement data, bus locations, and fare transactions are linked to the relevant driver, vehicle, and route so that each shift's activity can be reviewed.

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Product introduction (continued)

For example, control center staff can view the locations of buses on a route on the map, compare their movements with the schedule, and investigate delays or unusual stops. Drivers receive route information, work schedules, and relevant notifications on the onboard device. The recorded data provides the basis for performance reports, revenue reviews, and subsidy calculations.

Under this concept, bus locations and estimated arrival times are made available to partner systems and applications through a web service so that passengers can also check service status.

Fleet management and driver assistant

Product features and capabilities

Driver and shift management

Register drivers, assign vehicles, and record shift start and end times.

Fleet tracking

Display bus locations and movement history on the map.

Service scheduling

Set service schedules and intervals between buses.

Driver assistant

Display route information, work schedules, and notifications on the onboard device.

Fare and payment management

Set fares and connect to fare cards, wallets, and payment services.

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Product features and capabilities (continued)

Performance monitoring and alerts

Review distance traveled, delays, unauthorized stops, and route deviations.

Subsidy management

Calculate subsidies and deductions based on fleet rules and performance.

Management reporting

Provide operational and financial reports by driver, vehicle, and route.

Passenger information

Provide route information and estimated arrival times through partner systems.

Integration and access

Connect to enterprise systems and define user permissions.

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Users and applications

Transport and bus service managers

Monitor route performance, service quality, costs, and resource allocation

Control center operators

View fleet locations, follow up on alerts, and manage changes to service schedules

Planning staff

Set schedules, vehicle numbers, and intervals between services

Drivers

Register shifts, view route information, and receive work notifications

Fleet companies and operators

Review vehicle activity, revenue, deductions, and subsidies

Finance and subsidy staff

Review revenue, deductions and subsidies against recorded fleet performance.

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Users and applications (continued)

Inspectors and supervisors

Review movement records, delays, violations, and reasons for inactivity

Passengers

Receive route and arrival information through connected citizen services

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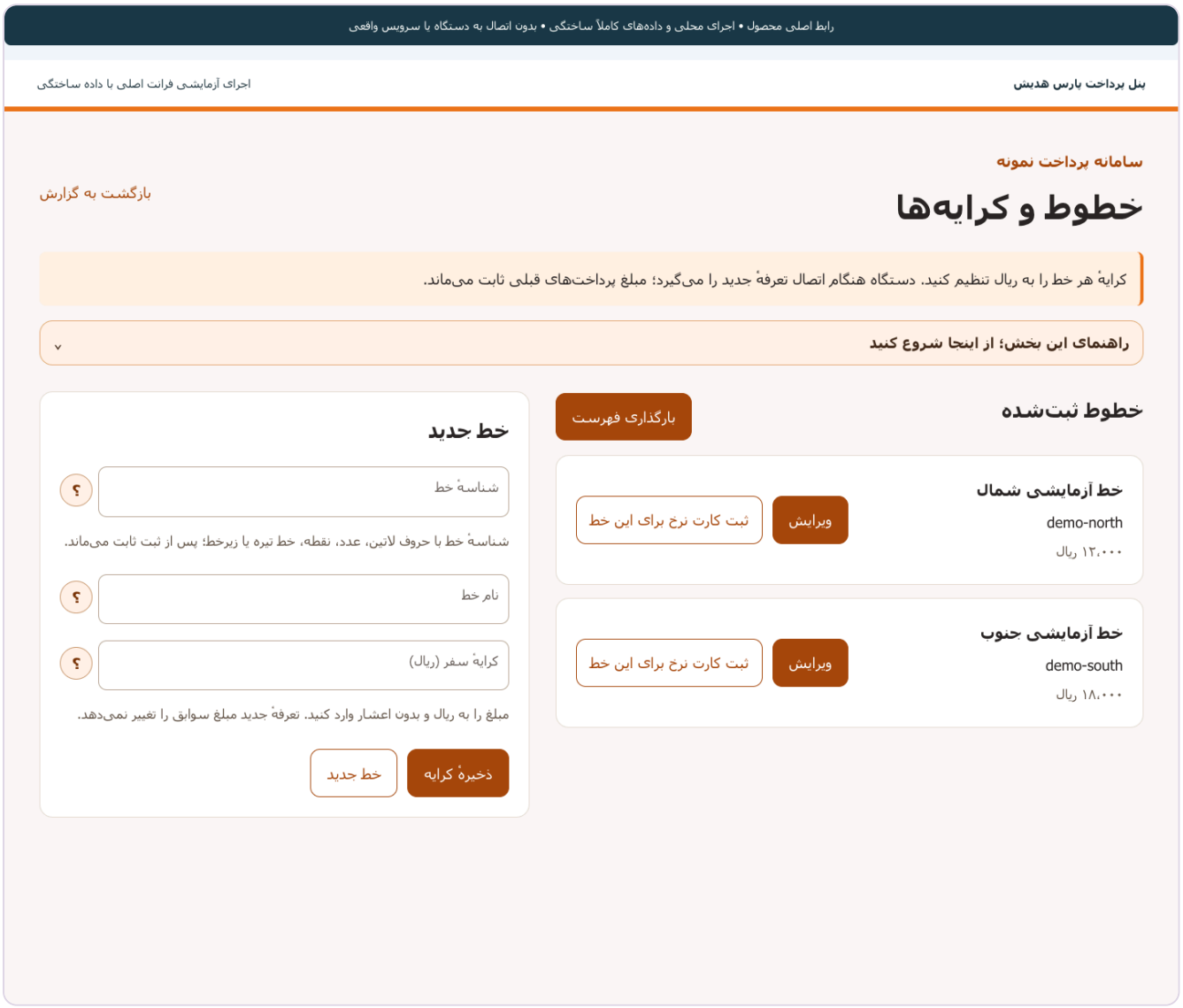
Website pars-hadish.com

Fleet management and driver assistant

Product images

Lines and fares

Original product interface



Original pilot backoffice lines page with fictional lines and fares. It shows line and fare administration; it contains no live fleet map or vehicle positions.

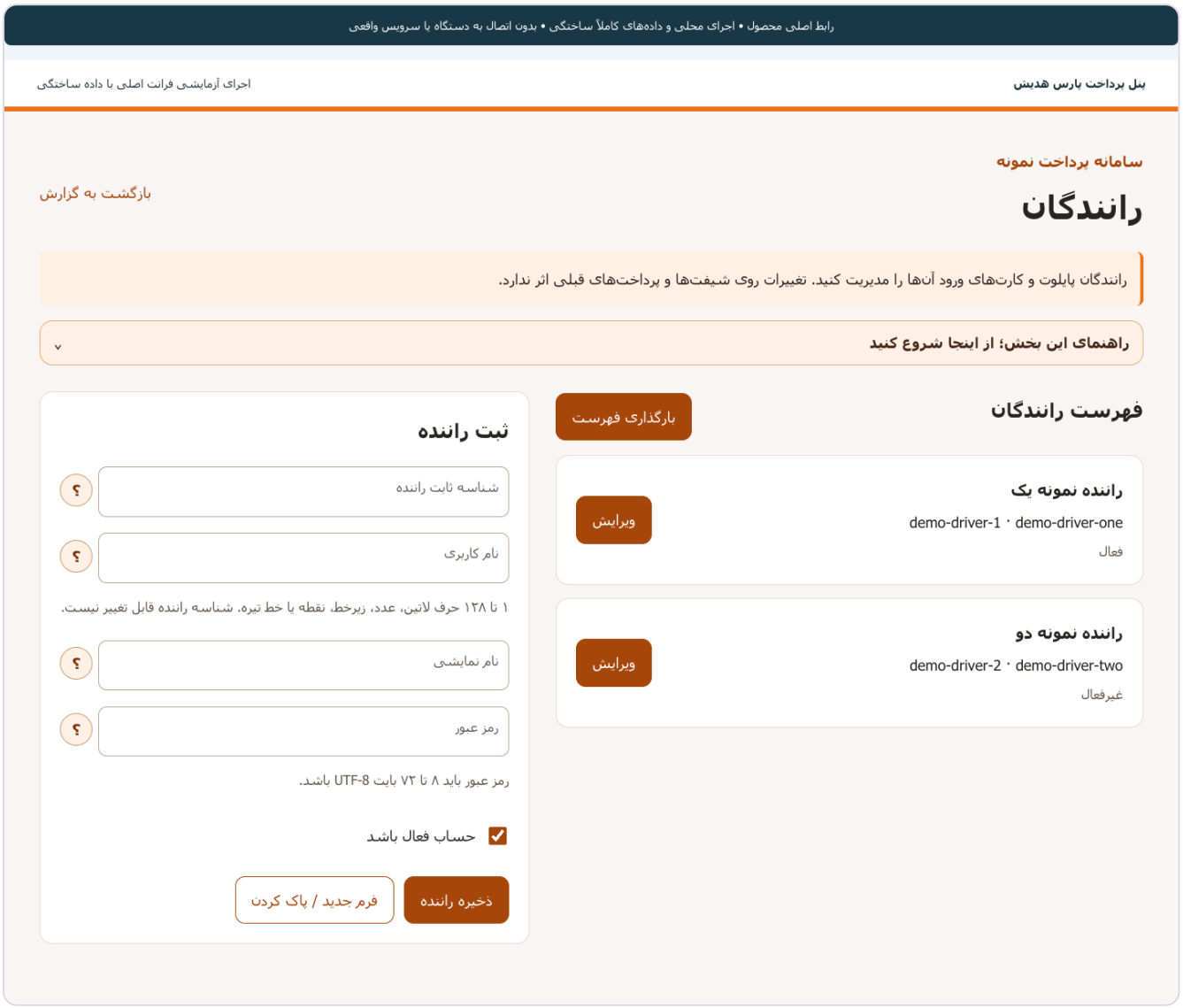
The data shown in this image is synthetic test data.

Fleet management and driver assistant

Product images

Driver directory

Original product interface



Original pilot backoffice driver page with fictional names and identifiers. The directory and registration form do not establish an actual shift operation.

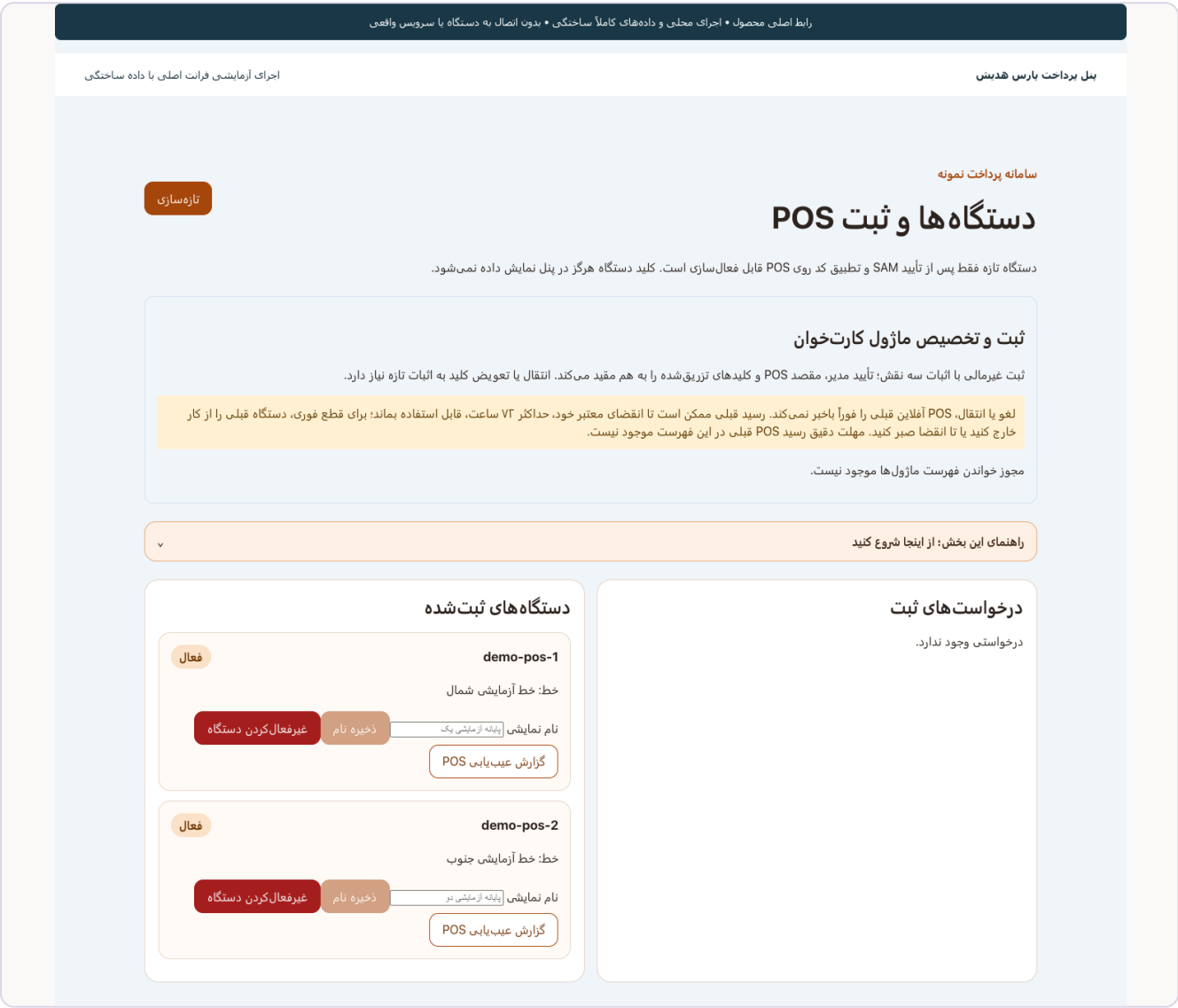
The data shown in this image is synthetic test data.

Fleet management and driver assistant

Product images

Assigned terminal directory

Original product interface



Original pilot device administration page with two fictional terminals and line assignments. This is payment terminal backoffice context; this local run has no connected hardware or vehicle tracking.

The data shown in this image is synthetic test data.