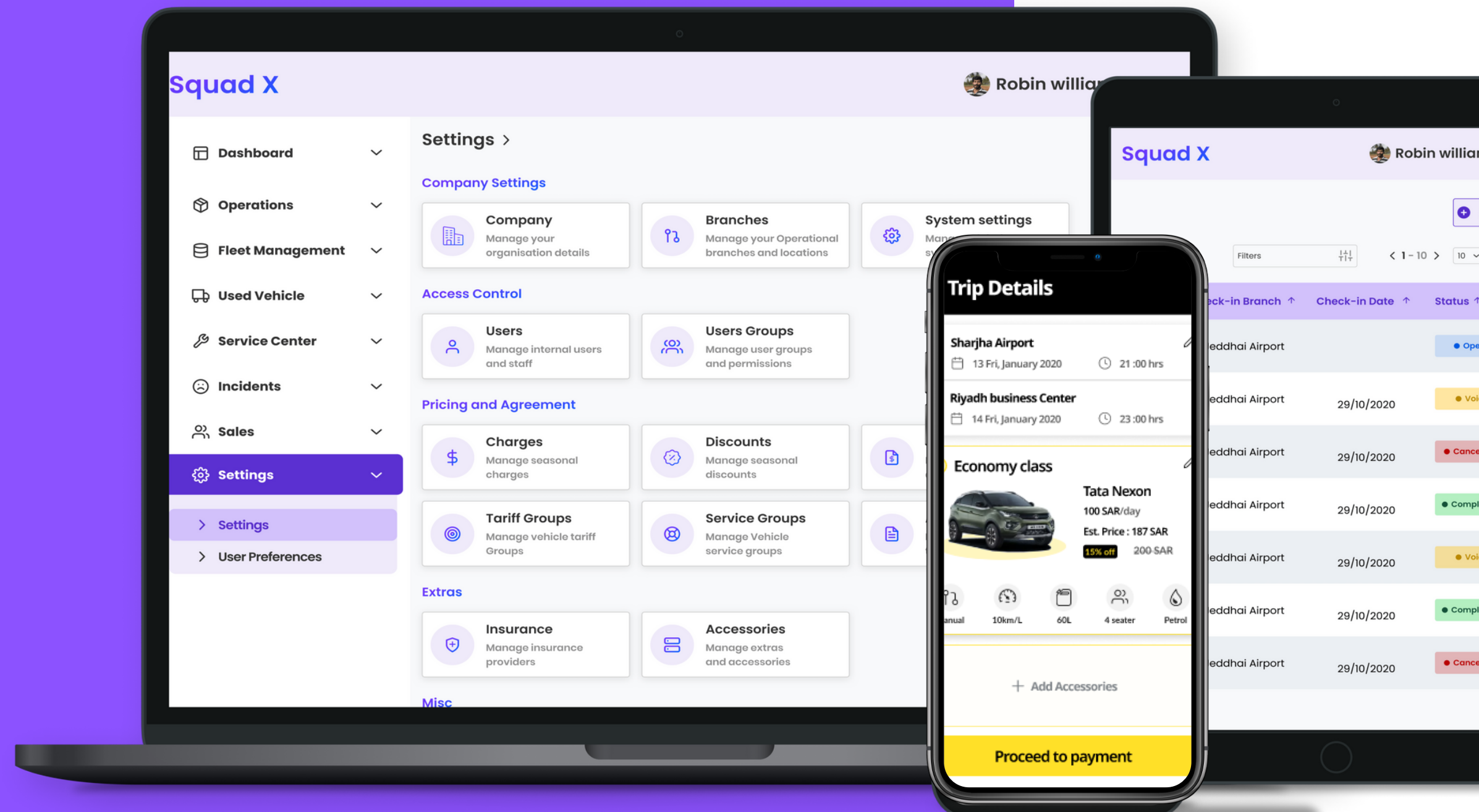


Profile of Software Development Services

infoline technologies co.

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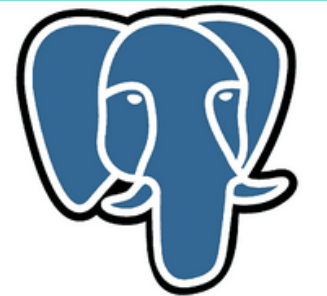












Presentation overview

- **Technology Stack**
- **Library Features**
- **Case Studies**
- **Software development models**

Our Technolgy Stack

We use the best in class open source technologies to deliver reliable and scalable enterprise applications

Frontend, Web & Mobile App	Backend API	Database	BI / Data ML
Angular, React, Ionic   	Nodejs/Express 	Postgres 	Python +TensorFlow Pandas  + 

Mobile Application 	Backend framework  	Authentication 	Deployment 	Testing 	Documentaion  
---	---	---	---	--	---



Technology feature highlights

Enterprise grade software applications built on open source technologies and our own custom libraries.

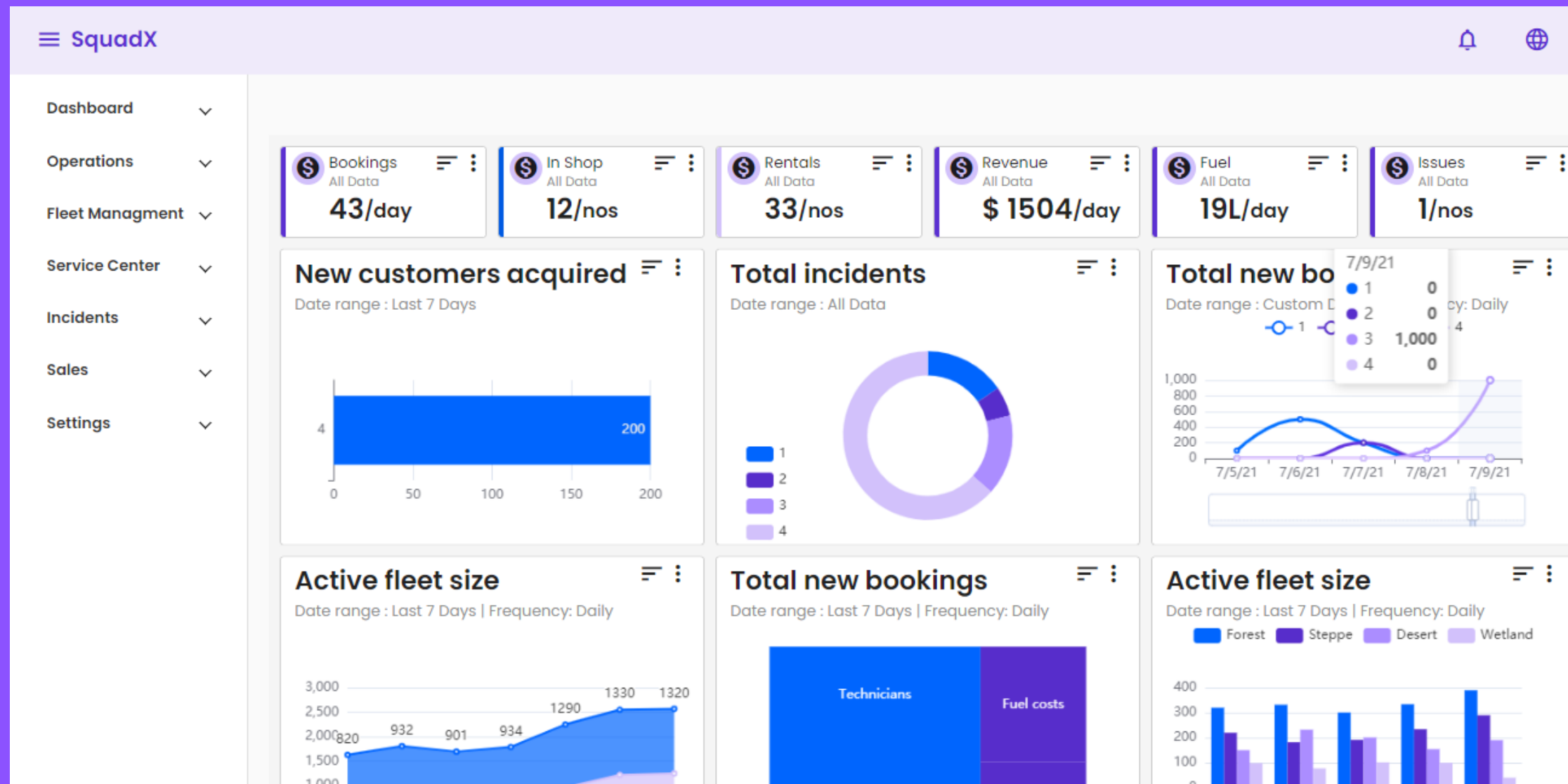
- Reporting dashboards
- Realtime notifications
- Project schedule tracking
- Live location tracking
- User permissions
- Advanced data tables
- Charts
- Audit trail and document history

Reporting Dashboard

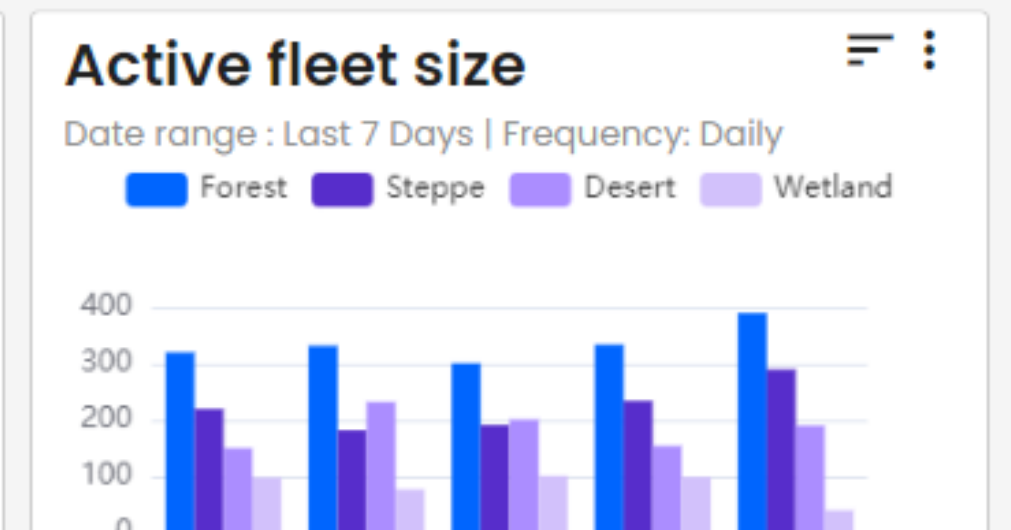
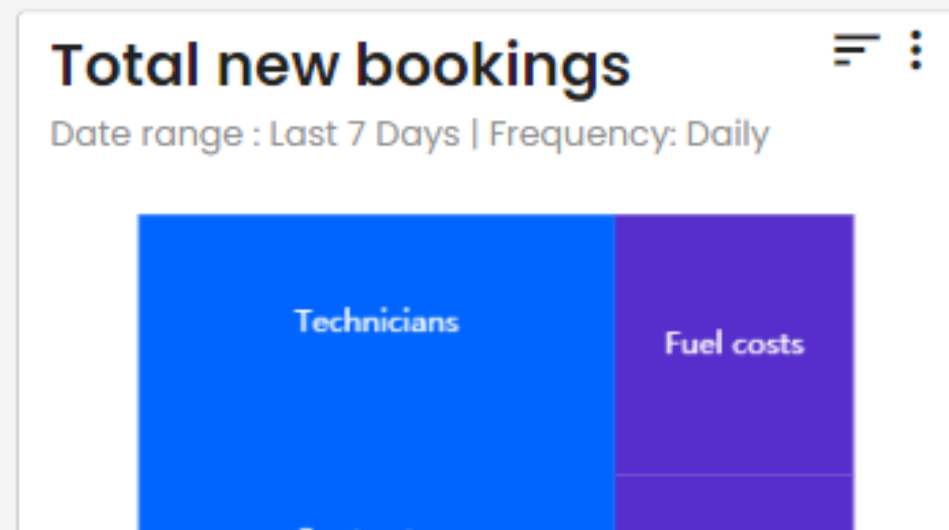
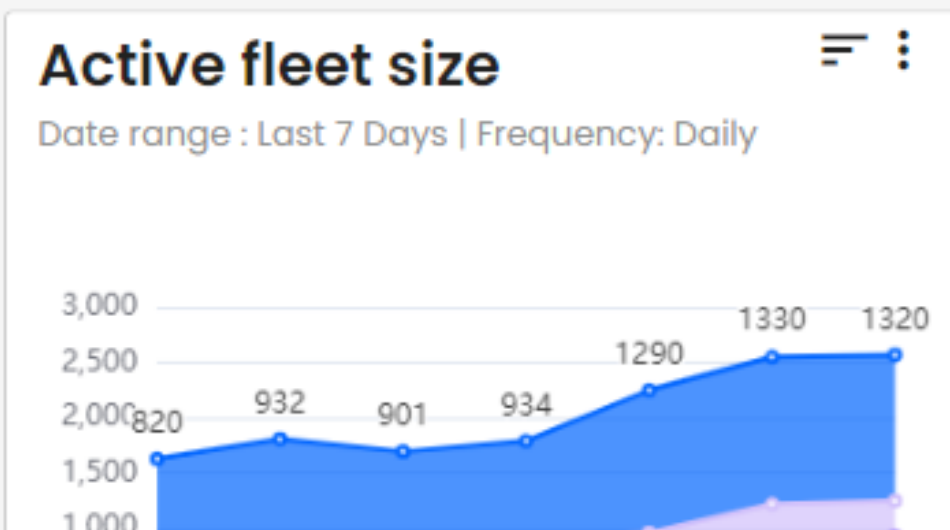
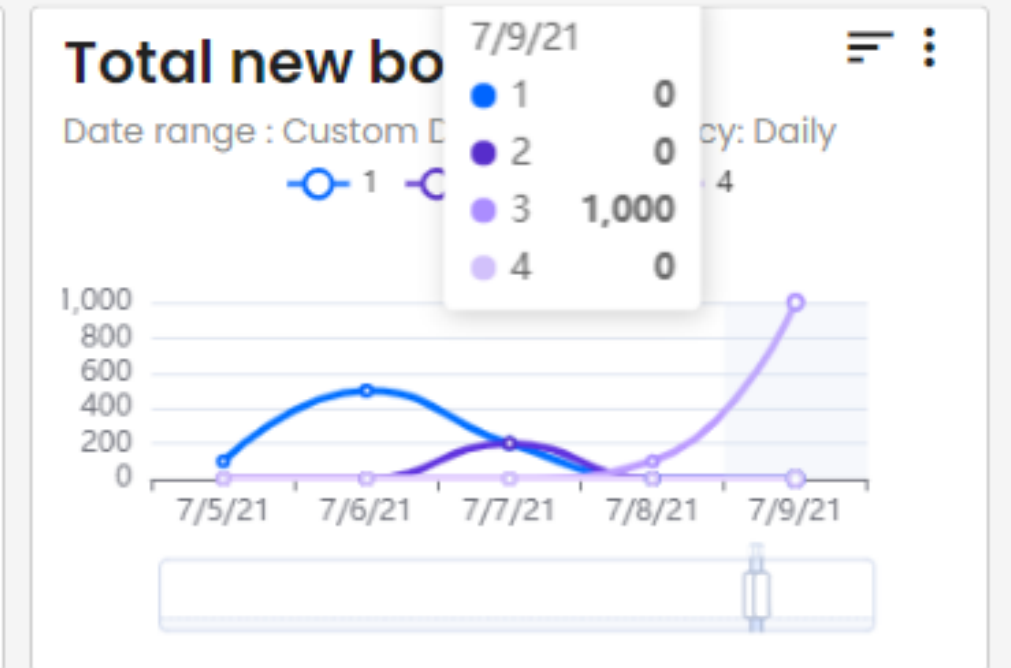
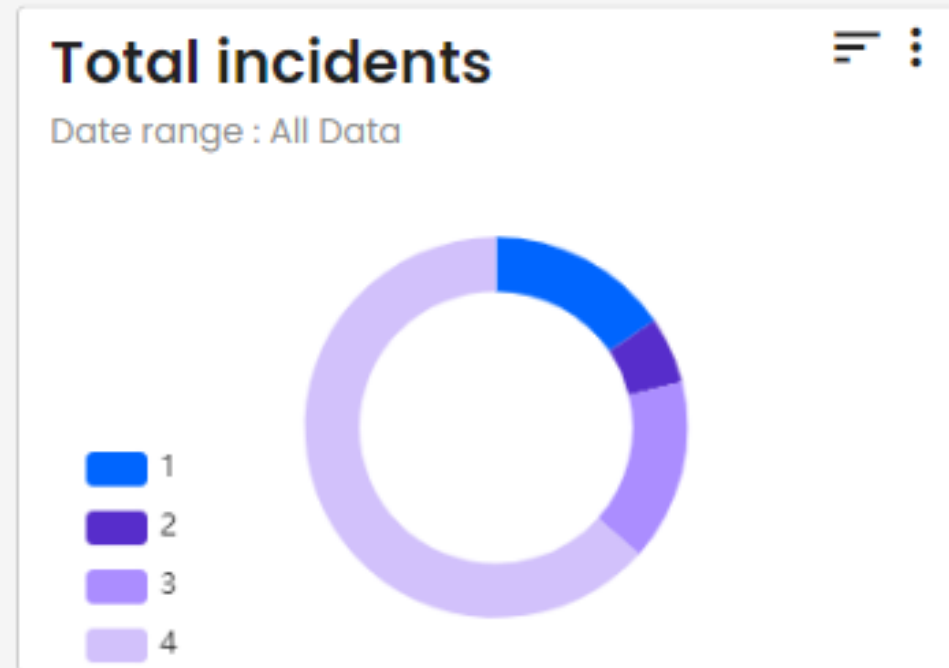
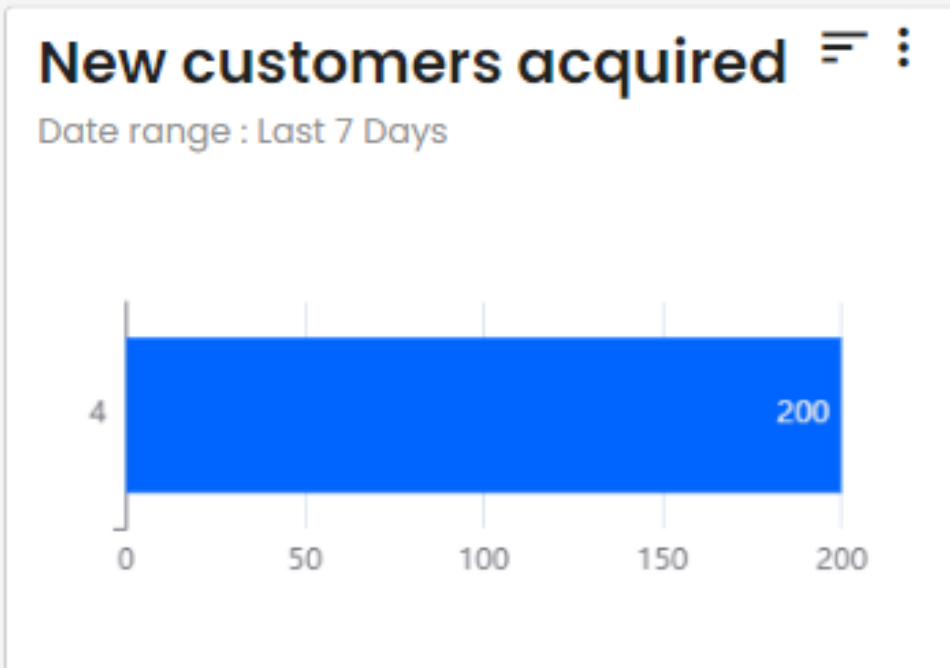
- Fully customizable widget dashboard for data visualization
- Track data in realtime

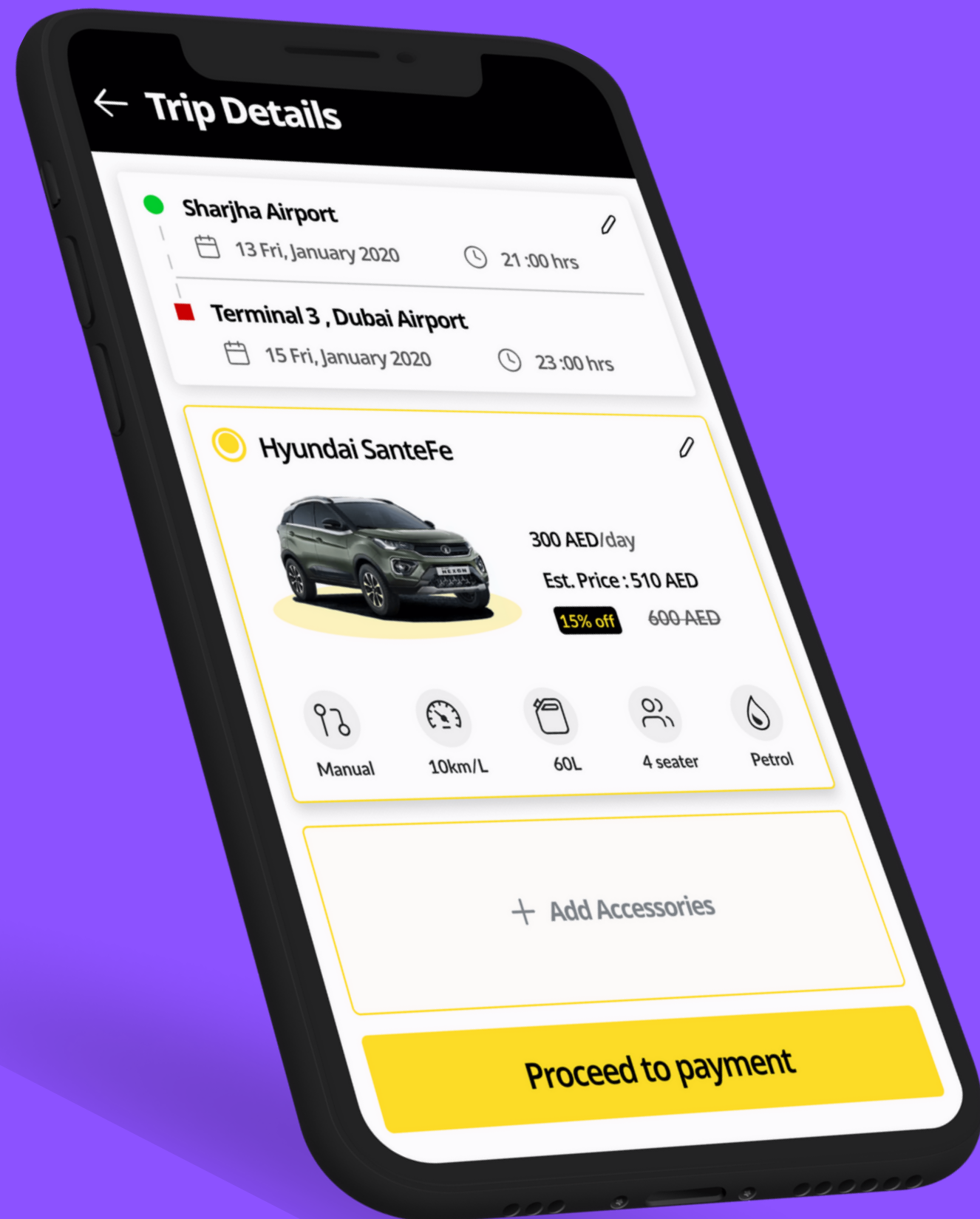
Technology

- Backend : Python, Pandas, Nodejs, socketio
- Frontend: echarts, ngrx , gridster



- Dashboard
- Operations
- Fleet Management
- Service Center
- Incidents
- Sales
- Settings





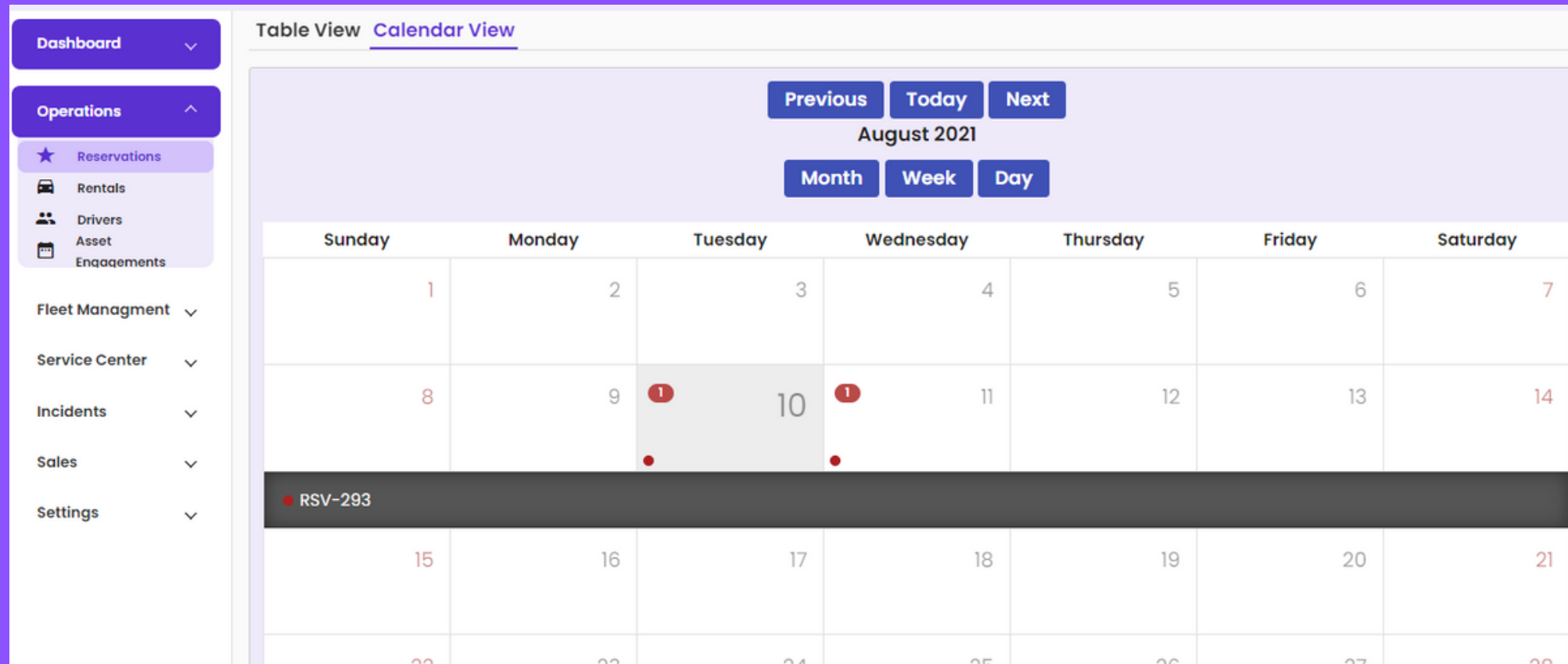
Real time notification and issue tracking

Send notifications to users in realtime on actionable issues

- Realtime socket based notification (web)
- Push notifications (native)
- Email notifications
- Create scheduled notifications

Technology

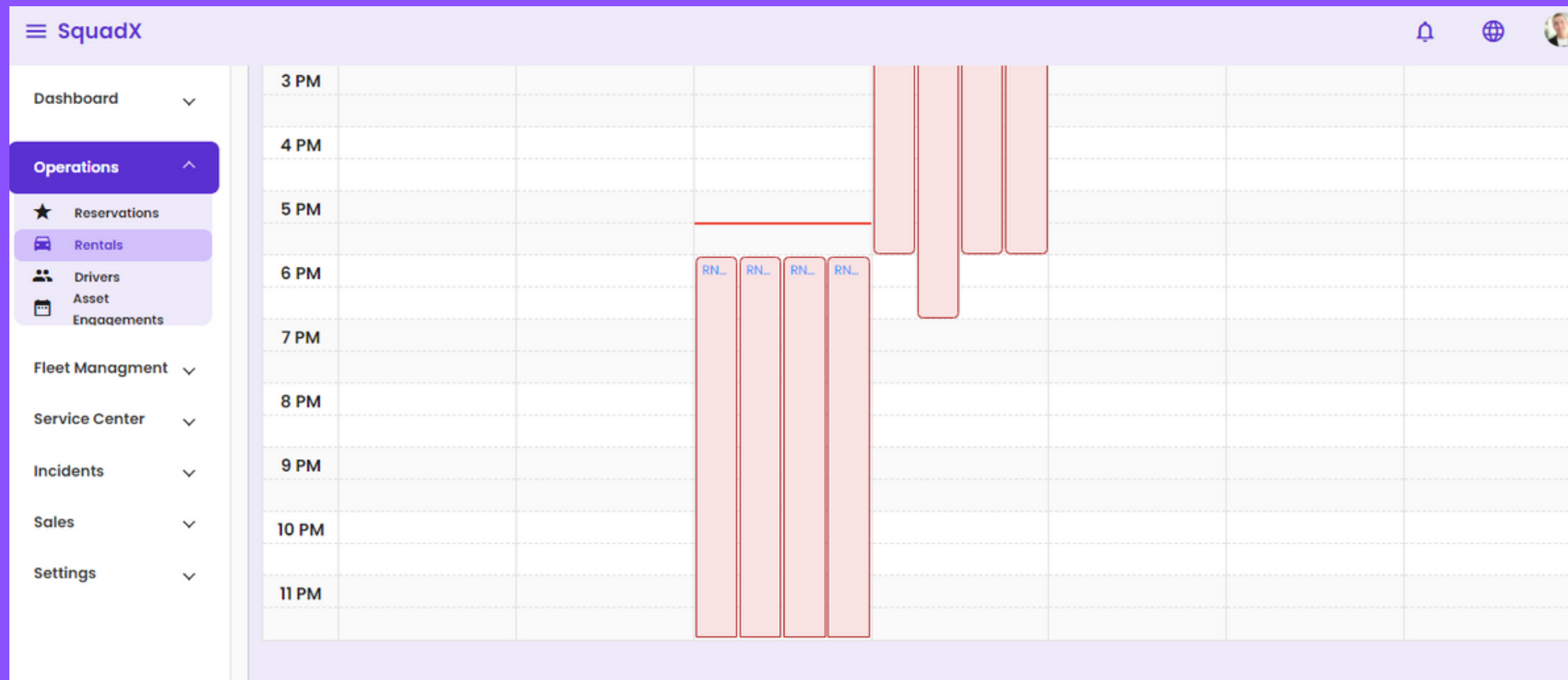
- Backend : Node mailer ,socketio , web-push , CRON
- Frontend: Angular Material, Ionic



Project tracking dashboard - scheduler

Track events and project schedules

- Full Calendar view (Month , Week ,Day)
- Schedule events and monitor progress



Technology

- Backend : Nodejs
- Frontend : Angular Material , angular-calendar

Realtime location tracking

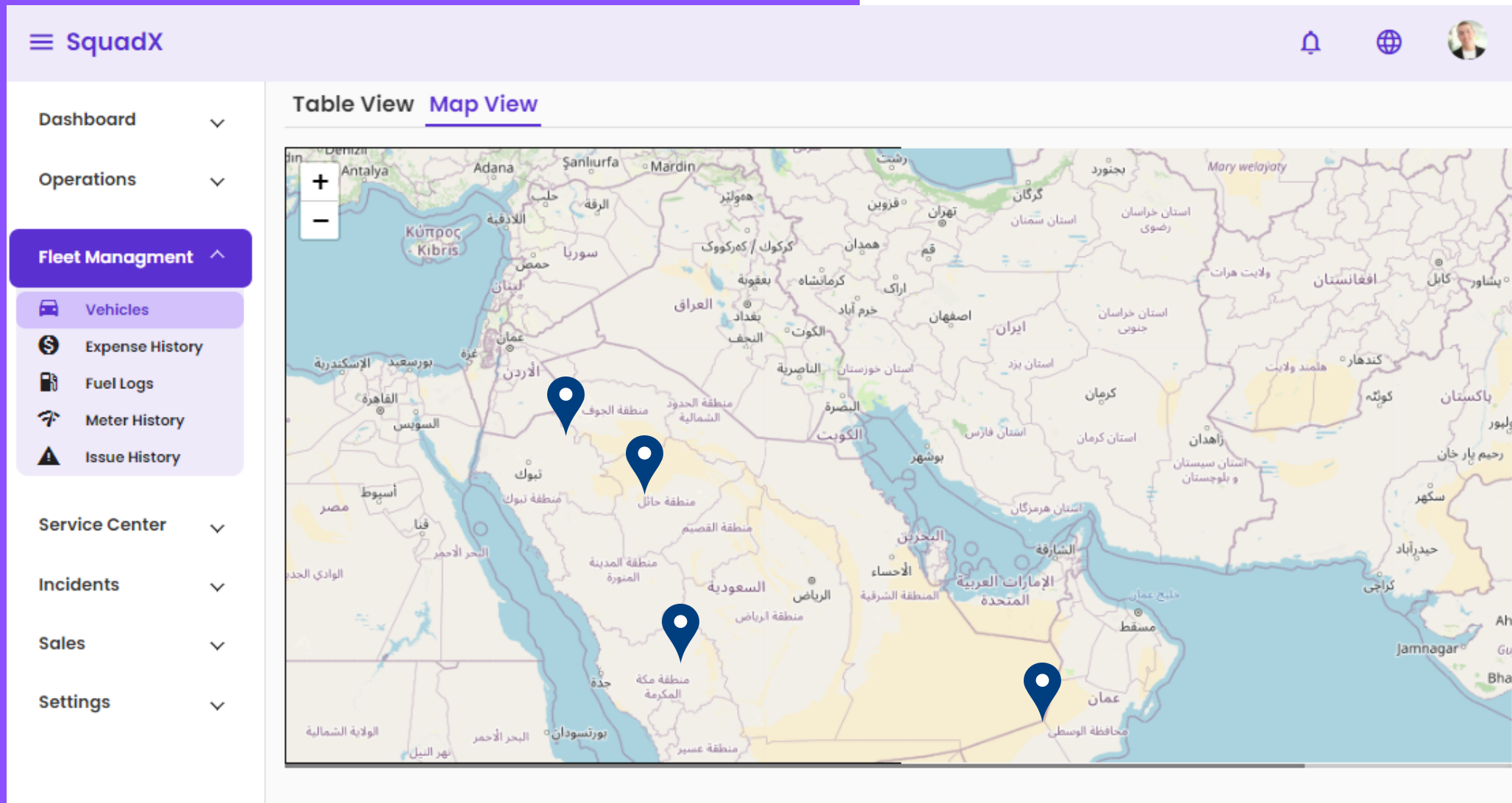
Topology Viewer

Track assets and locations

- Realtime GPS based locations monitoring
- GEOJSON based topology mapping

Technology

- Backend : GEOJSON, Nodejs , socket-io, postgis server
- Frontend : leaflet , ngx-leaflet



User permissions and authorization

Grant role based access to users

- Secure authentication
- restricted access to application pages
- Role based permissions
- Gain control over permissions to Read, Write, Edit, Delete documents
- JWT secure cookie protocol

Technology

- Backend : Keycloak server , nodejs , passportjs
- Frontend : ngx-permissions , keycloak

	VIEW	ADD	EDIT	DELETE	VIEW-AUDIT
Dashboard module					
Operations module					
reservation	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
rental	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
driver	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
asset-engagement	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Fleet Managment module					
Service Center module					



Travel Express

Utilization
Employees
 Companies
 Travel budgets

Employee

+ Add Employee

Search

<input type="checkbox"/> Employee Code	Name	Company	
<input type="checkbox"/> 002369	MOHAMMED	AL TAKAMUL	
<input type="checkbox"/> 000624	WAJIH	ISMAIL ALI ABUDAWOOD TRADING COMPANY	⋮
<input type="checkbox"/> 125302	Ghulam	Modern Industries Co	⋮
<input type="checkbox"/> 124001	GHASSAN	Modern Industries Co	⋮
<input type="checkbox"/> 100100	Ahmed	Modern Industries Co	⋮
<input type="checkbox"/> 100198	Mohammed	Modern Industries Co	⋮
<input type="checkbox"/> 989536	Abdullah	Modern Industries Co	⋮

Items per page: 10 1 - 7 of 7

Advanced datatables

Data tables features

- Customise columns
- Excel export
- Generate PDF reports
- Advanced filtering and sorting

Technology

- Backend : nodejs , nestjs crud
- Frontend : Angular Material

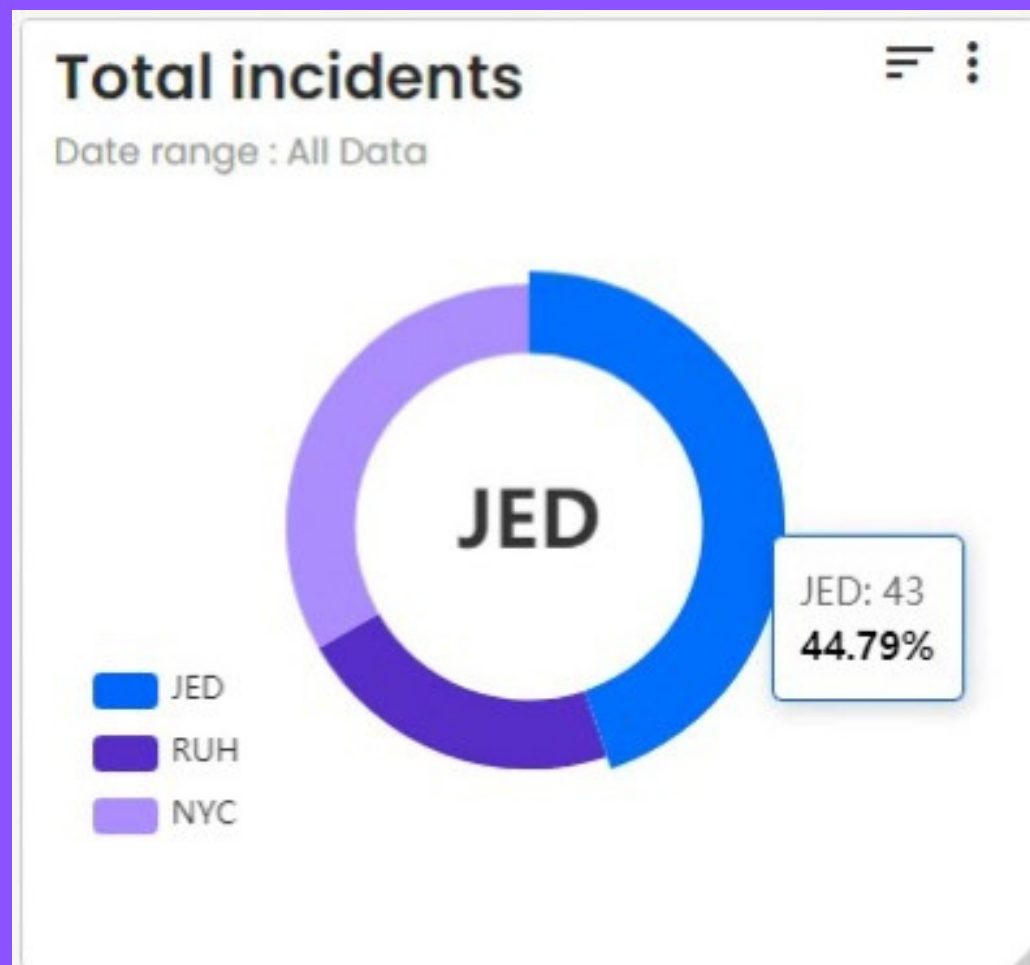
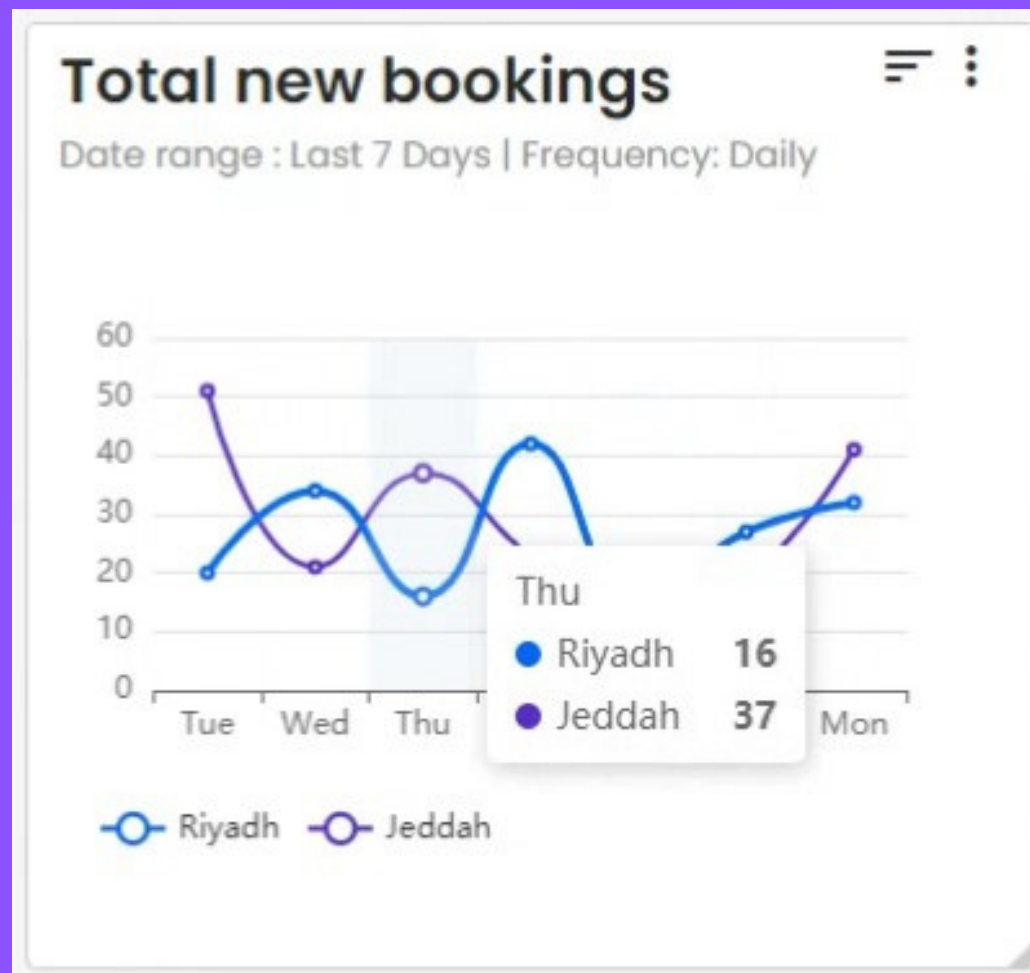
Charts

Features

- Plot Cross sectional data
- Plot Time series data
- Plot wide variety of chart types
- Include in reports, dashboard widgets etc.


Technology

- Backend : python , pandas, nodejs
- Frontend : echarts, Angular Material ,ngx-echarts



Issue-Log Details

Choose Vehicle

 **Honda Golf**
AZX123

ID Status ● active

Actions

Create Job Card

Assigned To Issue Type

Record	Assigned To	Issue Type
22	X	

Record 4/21/2021

Remark

Engin

History

History

er

Record History

CREATE	by: dev@infolinetech.in	4:14 PM	▼
UPDATE	by: support@infolinetech.in	5:51 PM	▼
UPDATE	by: support@infolinetech.in	5:52 PM	▲

status:

inactive void

Audit trails and document history

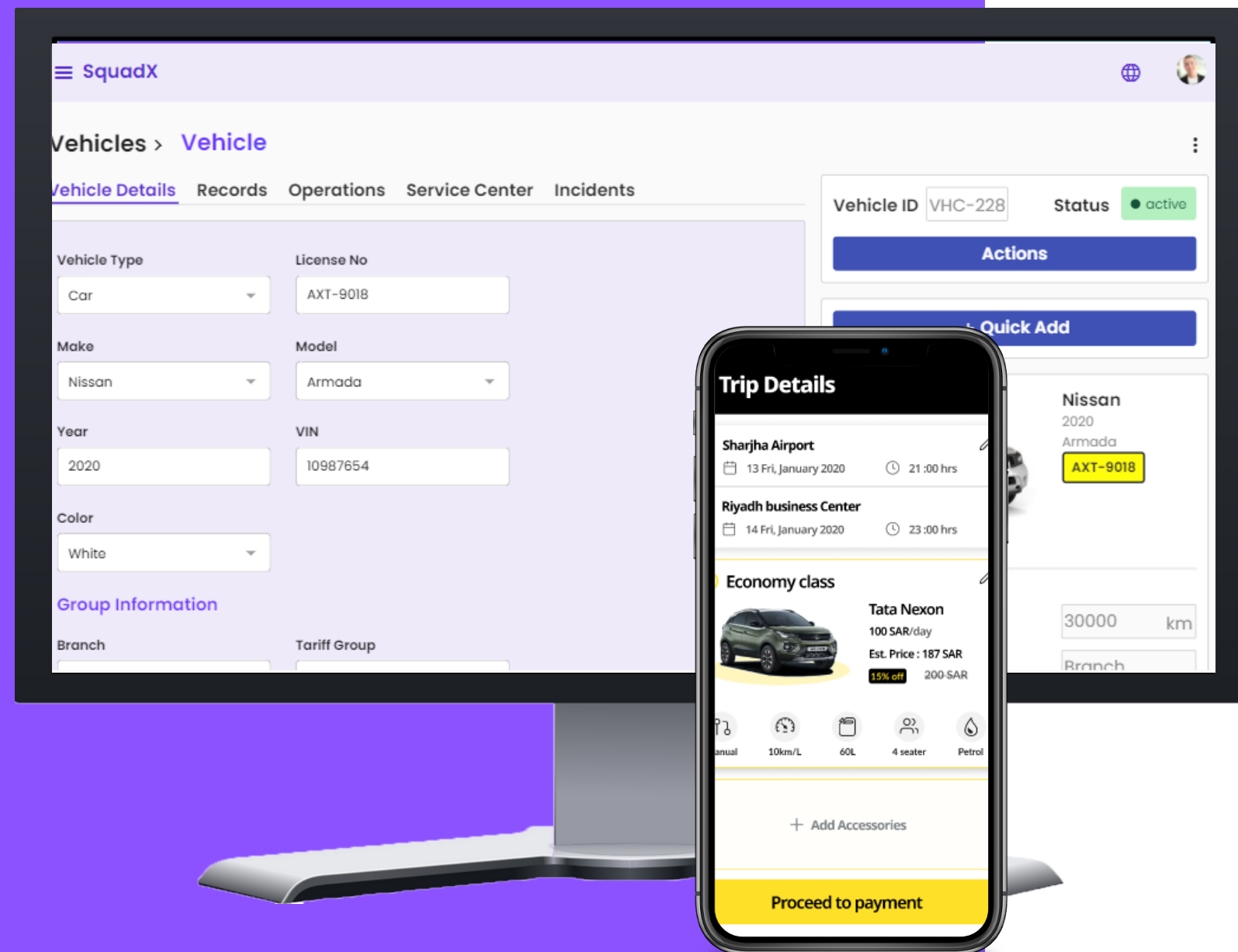
Record all database transactions and edit history including

- Action (create, edit, delete)
- (When) Time of action
- (What) Change state
- (Who) User who did the action

Technology

- Backend : PostgreSQL, TypeORM , keycloak-admin

Case Studies



SquadX Fleet Management Solution

SquadX is a next generation fleet management solution built on industry standard Open Source Technologies, allowing easy customization, third party integration and ease of usage and maintenance.

Kloudkart e-commerce suite

Kloudkart is All-in-one ecommerce solution. The Application has a mobile interface for Customers to place orders and an interface for Sellers to List products and manage orders.

Travel Budget Management

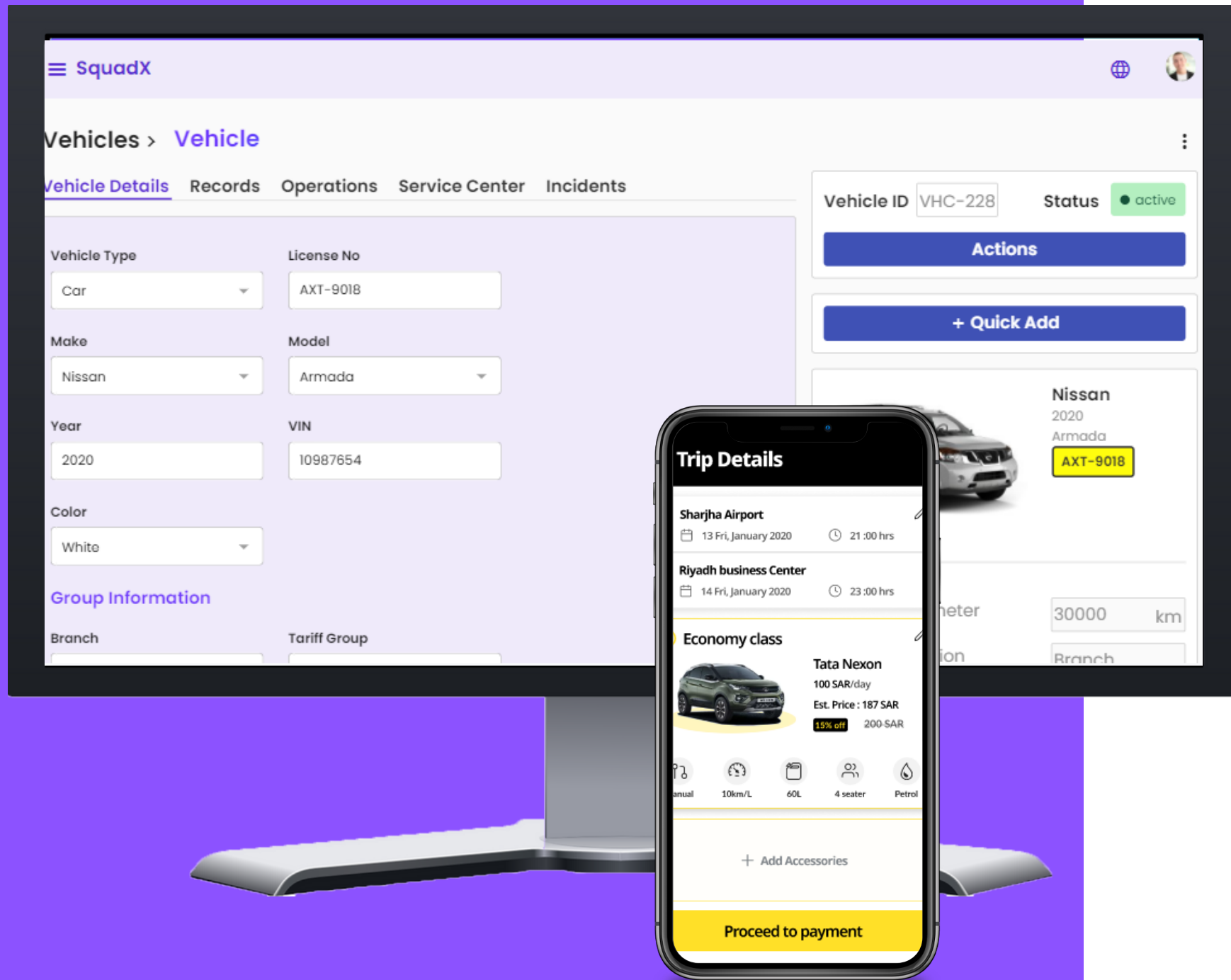
Budgeting and reporting application for companies to manage employee travel budgets. Integrates with client ERP for full control over employee travel budget usage.

Squadx

Fleet management solution

SquadX is a next generation fleet management solution built on industry standard Open Source Technologies, allowing easy customization, third party integration and ease of usage and maintenance.

Built and deployed on cloud technology with a focus on web and mobile apps to automate the management of your fleets and rental business process.



Core Modules :



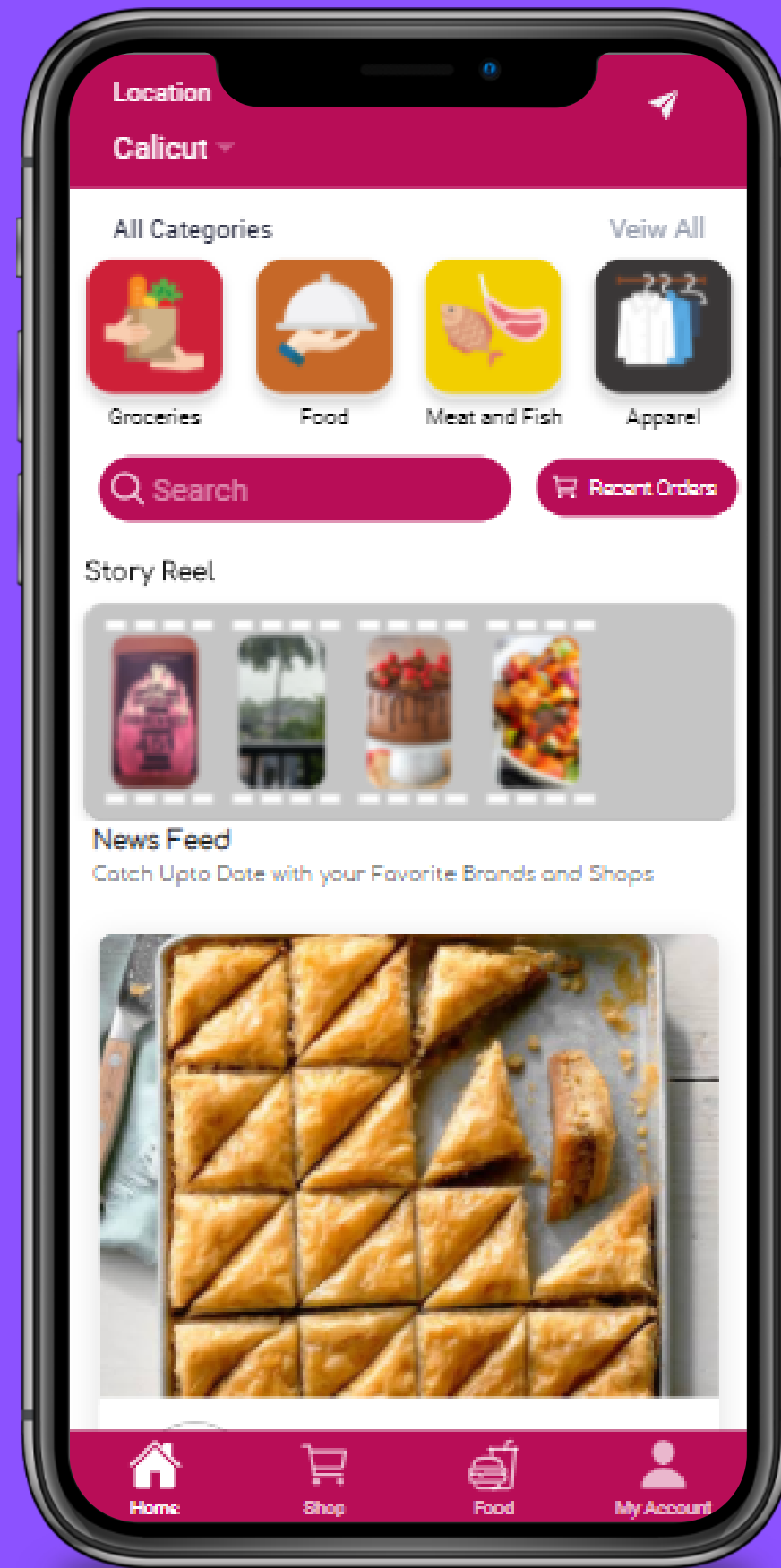
Fleet Management



Sales/
Customer



Service Center



Kloud Kart

E-commerce suite

Kloudkart is All-in-one ecommerce solution. The Application has a mobile interface for Customers to place orders and an interface for Sellers to List products and manage orders.

Travel budget management

Budgeting and reporting application for companies to manage employee travel expenses. Integrates with client ERP for full control over employee budget usage.

Core features

- Track employee travel expenses
- Compare employee travel budget and actuals
- Supports multiple companies
- Integration with client's ERP

The screenshot displays the 'Travel Express' application interface. The top navigation bar includes the logo, user profile 'Admin', and a globe icon. A sidebar on the left contains menu items for 'Employees', 'Companies', and 'Budgets'. The main content area is titled 'Budget Usage' and features a search form with fields for 'Employee id' (MI-4857) and 'Budget Year' (2021). Below this, there are sections for 'Employee Information' (Name: Abdullah Farooq, Mobile: 050 486 9240, Email: abduallah@travelx.com, Emp id: MI-4857) and 'Company Information' (Modern Industries Jeddah, Budget Period: Jan - Dec). To the right, a summary card shows 'Employee Status' as Active, 'Travel budget usage' with 'Total budget for year' at SR 10000.00, 'Budget used' at SR 1200.00, and a 'Balance' of SR 8800.00. A donut chart titled 'Budget Used' shows the budget used (SR 1200.00) in dark blue and budget remaining in light blue. Below the chart is a table of tickets with columns for Ticket No., Sector, Travel Date, Amount, Invoice No., and Invoice Date.

Ticket No.	Sector	Travel Date	Amount	Invoice No.	Invoice Date
4436100121	JED-CAI-JED	29/10/2020	1500	INV201	29/10/2020
8694122113	JED-NYC-JED	19/10/2020	7200	INV202	19/10/2020
7896114511	RUH-JFK-RUH	29/10/2020	6090	INV003	29/10/2020
1896445511	JED-LON-JED	29/10/2020	2080	INV004	29/10/2020
3896489511	JED-DUB-JED	29/10/2020	2080	INV005	29/10/2020
2895464511	RUH-NYC-RUH	29/10/2020	6800	INV006	29/10/2020
9896214511	JED-NYC-JED	29/10/2020	6900	INV007	29/10/2020
5893464511	CAI-JED-CAI	29/10/2020	1500	INV008	29/10/2020

Software development models

Team Extension



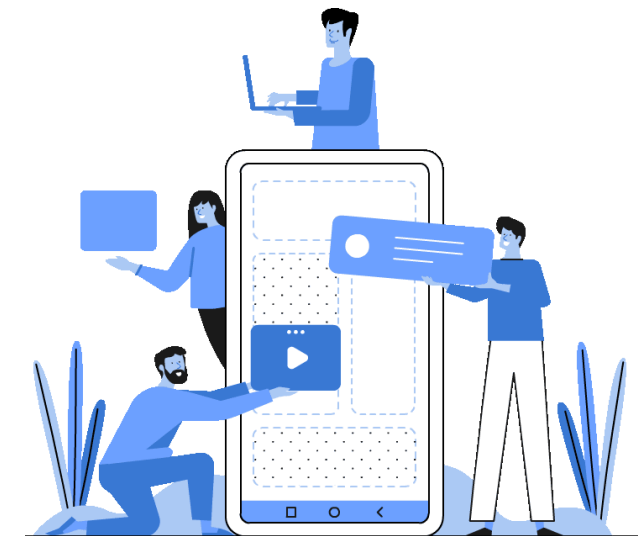
Client has full involvement and direct management of outsourced employees

Managed Team



A Project Manager (from client side) is involved throughout the process and we handle the day-to-day operations.

Project Outsourcing



Client helps shape the product vision and our team builds and delivers the full application end-to-end.

About Us


Infoline Technologies Co. is an international information technology services & solutions company promoted by a group of technology professionals. Infoline provides IT Consulting, Software Development, Technology Services in the Middle east, Europe and India. We have software development center in India and sales & support office in Saudi Arabia.

We have a team of experienced applications consultants and developers and track record of successful implementation of business applications and software development for different vertical segments.




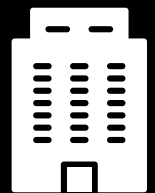
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