green tick cars

Your worthy car reseller.

Objective

To build a product that facilitates an easy, fraud-free & worthy engagement between Buyers & Sellers of 'Used Cars' in the Australian Car Resale market

Scope

Complete Front-end & Back-end design and development was under VAST. It comprised of the following:

- Datamodel design & Database development
- REST Service design & development
- Client for third party SOAP services
- Alerts and notifications
- CI automation for build & deployment
- Payment Gateway Integration (Stripe)
- Storage System Integration (Cloudinary)
- Social Integration (OAuth with Facebook, Twitter & Gmail)

Challenges

- Third Party API Integration - PPSR
- Data Reconciliation (data received from GLASS)
- Integration with Payment Gateway (Stripe)
- Radius based search using GEO Co-ordinates
- Integration with Storage system (Cloudinary)
- Securing the APIs (JWT)

Technology

Node.js, Express.js, MongoDB, AngularJS, HTML5, CSS3, Bootstrap, AWS, Jenkins, GIT

Benefits

Exposure to

- Car Retail Domain
- B2B Third party integrations (SOAP API Services) through Node.js
- Data reconciliation methodologies (JSON data manipulation) while handling GLASS data.
- Authentication using Social credentials (OAuth for Facebook, Twitter & Gmail)

Key features

- User Registration (Buyer/Seller)
- Payment Gateway (Registration Charges)
- Cars Inventory with dynamic filters (zipcode, suburb, car features)
- Car Service Record verification
- Car VIN Verification
- Private Messaging between buyer & seller
- Integration with GLASS (Car make, model verification)

https://greentickcars.com.au

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