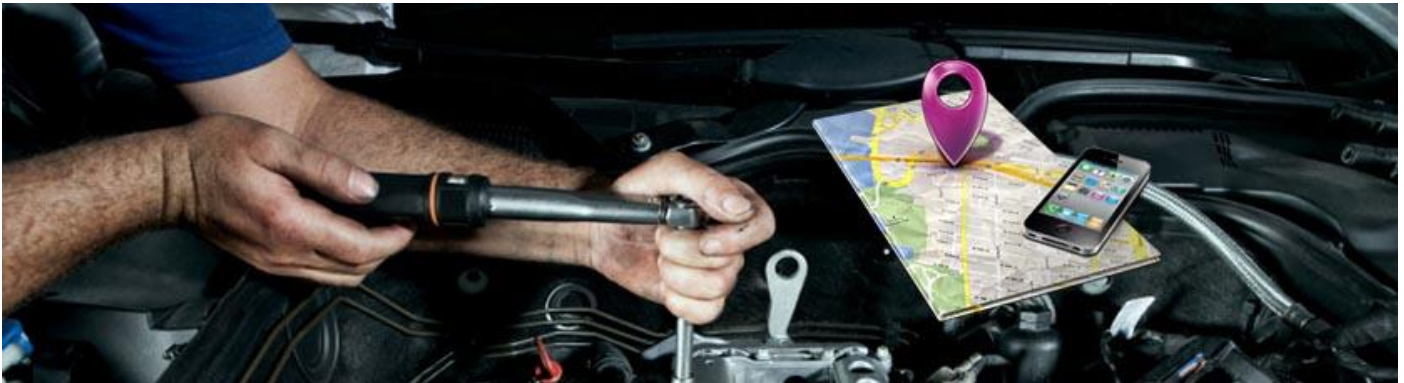


Case Study

CAR CARE MOBILE APPLICATION (ANDROID, IOS)

ACCEL NORTH AMERICA
ACCELERATE INNOVATION



Case Study

CAR CARE MOBILE APPLICATION (ANDROID, IOS)



**BUSINESS
REQUIREMENTS**

The client is a leading vehicle manufacturer who wanted to increase their customer loyalty by providing end users with an application that can assist them to view various vehicle documents, Search for nearest dealers, Get driving directions to a to schedule maintenance with a selected dealer.



OUR SOLUTIONS

The application was intended to help the vehicle owners with ease of access to the vehicle related documents and seamless integration with dealer services.

The application provided a 'Download Once' and "Access Anytime" feature to the documents like

- Quick Reference Guide
- Maintenance Information
- Warranty Information and
- Indicator Guide

Integrated the dealer services to ensure end user satisfaction and proactive service. Following features were provided,

- Schedule maintenance with selected dealer
- Contact the dealer
- Listing the nearest dealers.
- Search the dealers in City/State/Zip
- Mark the dealers on map
- Get the directions from user location to the selected dealer

Accel contributed in following areas where customer had issues.

- Content Management
 - Configured and setup an online Relational Content Management System
 - Defined and implemented the optimal schema for storing PDFs, Head Unit Images, FAQs, and Video Tutorial URLs and there by improved performance.
 - Designed and implemented content management API's.
- PDF Viewer
 - Build a customized and light weight PDF viewer which was bundled with the application for viewing the downloaded PDF files.
- Google Maps

Case Study

CAR CARE MOBILE APPLICATION (ANDROID, IOS)



TOOLS &
TECHNOLOGIES



BENEFITS

- Integrated Google Maps in the application for locating the Dealers and navigation.

- Inter App Connectivity

The application was able to connect to another applications provided by the customer



Android, Android Studio, Objective-C, Xcode, RESTful API with ContentFul (An online content management service)

- An efficient UX design and cost savings by adapting to new technologies (Moved from StorageRoomApp to ContentFul, EBookDroid pdf to MuPDF).
- Could improve the customer satisfaction index and reduce service cycle time.
- Reduced the time to market.