UNKOMMON REVOLUTiON

Case Study

CUSTOM MOBILE BOOKING ENGINE APPLICATION FOR PRIVATE AIR TRAVEL INDUSTRY

A mobile application to improve client engagement, expedite bookings, and improve the relationships with its third-party partners.
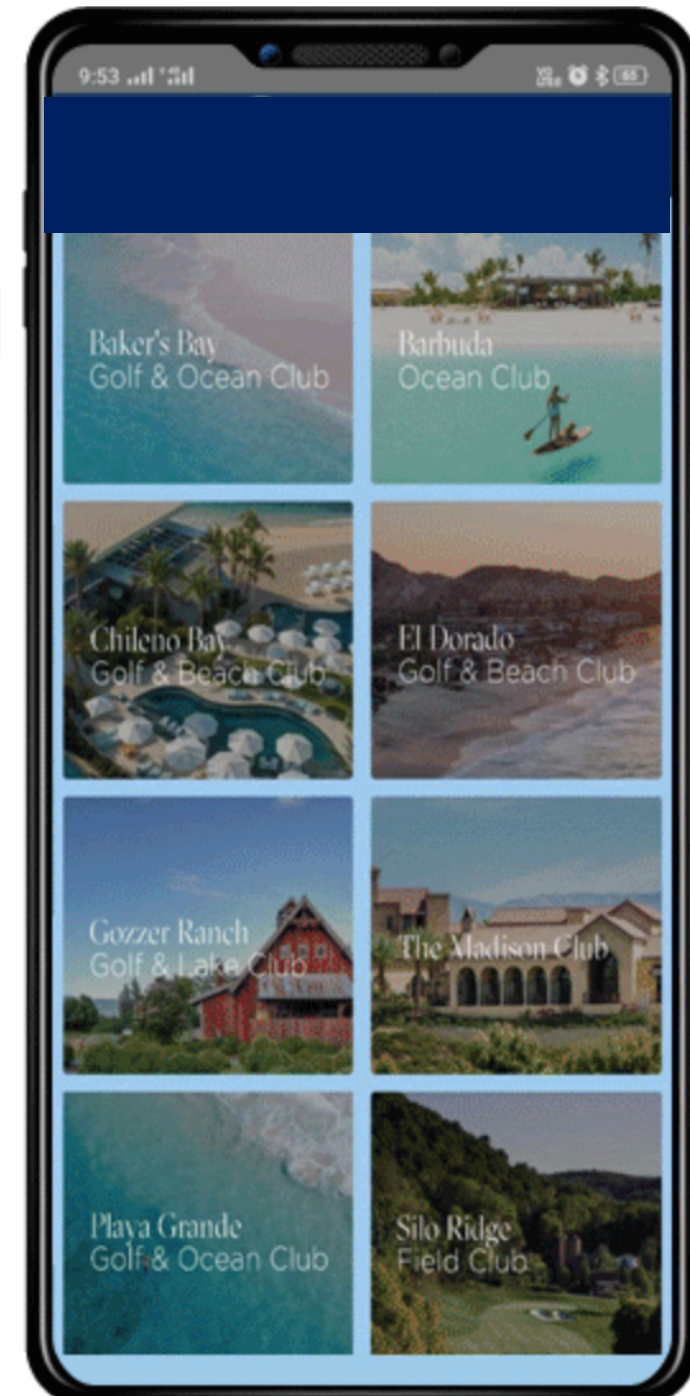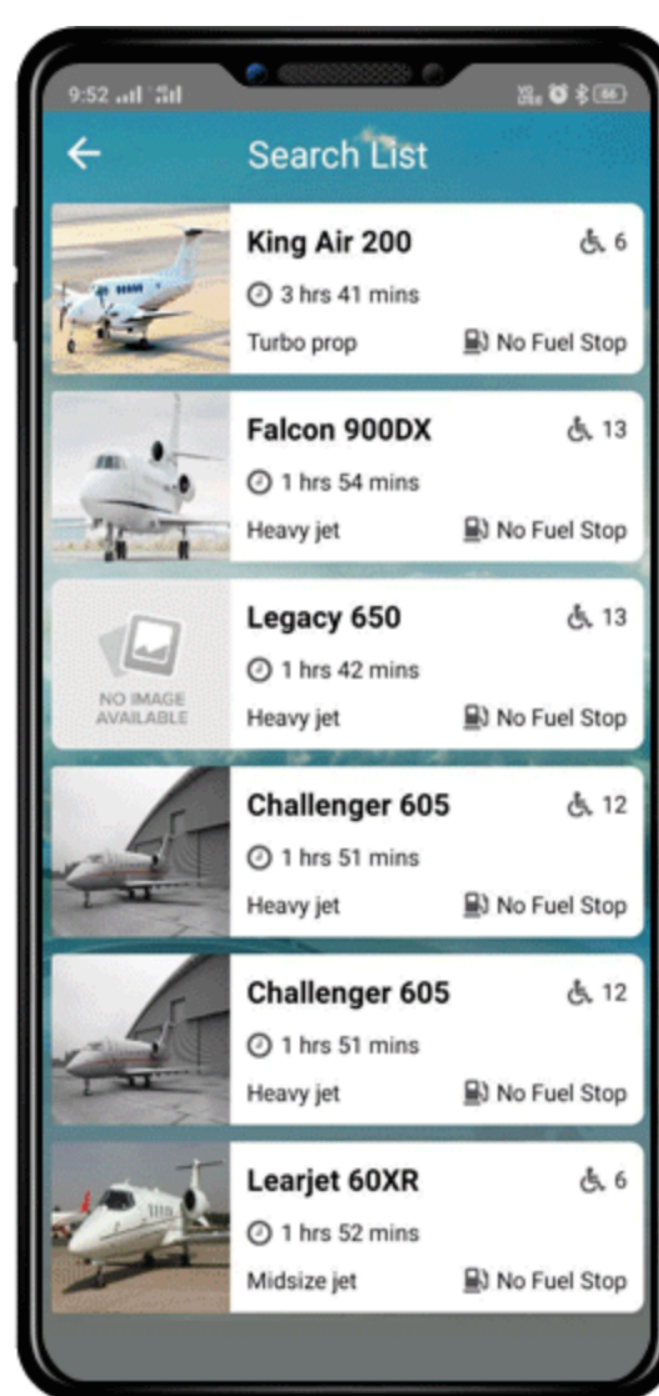
Cross-Platform Mobile App Development with React Native

A private boutique aviation chartering company that assists clients with not only private air travel, but also with pre and post-flight ground transportation and accommodations for the ultimate chartering experience worked with UnKommon Revolution. Our developers were tasked to create an intuitive mobile application that allowed for the entirety of the chartering experience to be brought to mobile devices. UnKommon's developers used React Native to create a hybrid app in line with Cordova's open-source SDK and used web technologies like CSS and HTML5.

The mobile app the team developed is compatible with both Android and iOS operating systems and allows for the boutique clients to see a wide range of private charter flight options, as well as recurring or scheduled flights, view accommodation and ground transportation options at exclusive partner destinations around the world, obtain catering and other flight services information, and connect directly with their Trip Manager via email and phone integrations.

Due to UnKommon's experienced software delivery process, the application was completed on-schedule, and far earlier than proposed by other leading competitors. This expedited delivery allowed the client to save both time and capital while modernizing its brand and securing its mobile presence.
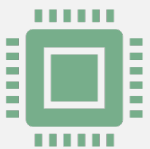
Custom Web Application Development with Full Avinode Integration

To regulate the application data and assist with database management, the team was also tasked to develop a web application that was fully integrated with Avinode, the leading charter flight sourcing marketplace, to leverage the most up-to-date flight information available.
Using Laravel, MySQL, and Avinode API, the UnKommon development team was able to create the admin web app, and allow Managers and administrators to access the Avinode marketplace, add, edit and map user accounts, send notifications, view contact form submission data, and create and manage special events.

The web admin application runs on Windows and Linux, and leverages two-factor authentication for improved security. To assist with business intelligence and help maintain compliance, UnKommon also incorporated a reports section where user, application, and partnership reports are generated, showcased, and prepared for export.

Rapid Market Deployment and Cost-Effective Development

Leveraging a global team of software development experts, UnKommon was able to deliver a cross-platform solution and help the client expedite bringing their new mobile service to market. The streamlined delivery utilized locally-based project managers, and experts in back-end hospitality and aviation technology to create both a seamless and well-communicated development process, as well as a fully-integrated, industry-specific application that will advance the client in the private chartering field. UnKommon's cost-effective development services allowed the client to save valuable resources, and make the investment and deployment both feasible and advantageous.

Since implementing the new app, the client has experienced greater client engagement, with many initial users becoming more educated on the chartering experience, and thus streamlining the booking process. The solution will be a crucial part of its business growth plan, and help further the ongoing relationships it has with its exclusive partners with more exposure and improved access.

The client's latest mobile and web applications are a testament to the skill of UnKommon's mobile and web developers and their expertise in the aviation and hospitality fields. With experience working with key industry APIs, such as Avinode, UnKommon's software experts have proven they are able to build highly-effective web applications that align business process and user experience on any platform worldwide.

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Industry:

- Hospitality & Travel

Project Solutions:

- Mobile Web Application

- Cross-Platform Development

- Booking Engine

- Travel Portal

Technology Used:

- React Native

- Avinode API

- Laravel

- MySQL