

Kajeet

Our US based customer is a MVNO (Mobile virtual network operator) which provides cell phone service for kids. It uses the mobile network service from major players in US like Sprint, Verizon and AT&T. The service allow parents to manage their kid's cell phone usage with phones that come installed with free parental controls. These controls allow parents to set limits on their kid's cell phone texting, picture messaging and websites accessed via the cell phone, as well as manage what phone numbers calls/text can be made to and received from. Parent can anytime request current GPS location to check where the kid is.



Telecom Industry

Abstract

The customer is a Mobile network operator that delivers secure and controlled internet access to a variety of industries across North America and globally in 24 other countries. The customer provides lot of connectivity, software, hardware products and services to businesses, schools, hospitals, government agencies, and telecommunications enterprises.

Problem Statement

In the fast moving world, for working parents it is very difficult to supervise or communication with their kids when they are at home or at school. There wasn't any such service available which makes kids smartphone enabled. Buying a cell phone for a child is a big decision to make for parents. And it's not an easy one due to following reasons.

- It is not easy for kids to operate smartphone.
- The ability to download games and video, and the adult content.
- Limiting outgoing calls/texts to keep the bills to minimum.
- How to locate child if it is not answering calls or messages.

Benefits Delivered

- Parent & Kids friendly application being very easy to use.
- Manage parental controls any time using the Web-based Service Configurator.
- Wallet helps kids manage the balances and features of their phones.
- GPS locator helps tracking a lost phone (or worst case lost child!)
- Parents are assured about their kids as they can contact each other anytime.
- Reduces the social gap between parent kids with close to home feeling.

Challenges & Limitations

- Implementing intermediate layer between mobile network provide and cell phone to make parent controls working.
- To show realtime used/available balances to portal when a service like message, picture message, call, location is used.



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Aspire Solutions

Aspire established an end to end product development offshore team, starting from the concept building to finished product delivery to support.

- Aspire developed web based portal which lets parent manage the phone, activities and parental controls.
- Proposed best tech stack and architecture for the futuristic application.
- Implemented concept of wallet to determine who pays for which service. This makes children wisely use a service.
- Google maps integration to show child/phone's accurate location.
- Paypal integration for the bill payments.

Technologies Used

Java EE, Spring (Core, Boot, AOP, IoC, MVC, Security, Scheduler), Velocity, Struts, JMS, Activ MQ, Google Maps, JQuery, Junit, SVN, Hibernate, Oracle, iBatis

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The team at Aspire Software Solutions is simply the best. What makes Aspire so great is their attention to detail, availability and most importantly, their knowledge and expertise to deliver on time and according to requirements.

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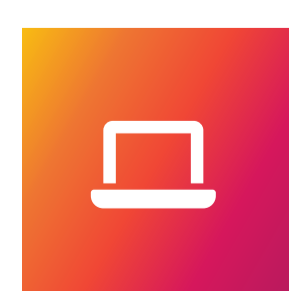


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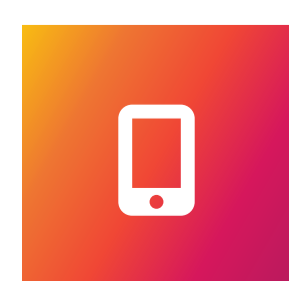
Our Service



Product Development



Web App Development



Mobile Development



Digital Transformation



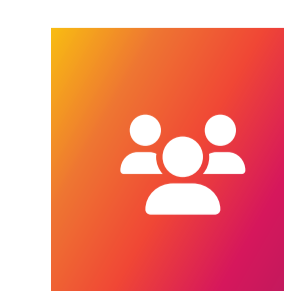
Odoo ERP Development



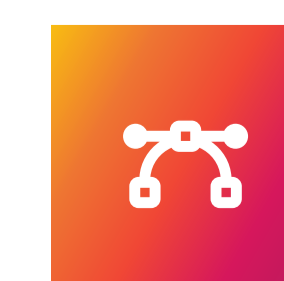
Portal Development



DevOps Service



Staff Augmentation



UI/UX Design