ABTO Software
Android Software and Applications
Development Overview

Our Android Apps add significant value to your business

With Smartphones and tablets currently playing the primary role in personal computing and Internet access, the computing industry is interested in developing software for those mobile devices. Android-powered Smartphones are getting more and more popular making **Android Application Development** one of the fastest growing technologies in the modern world. Android is one of the fastest expanding platforms on the market today due to its numerous advantages: "open-source" nature, a convenient operating system and devices emulator, a variety of third party tools and libraries, SQLite Database for offline storage, support for a number of programming languages (e.g. Python, Perl and jRuby), thought to be the best mobile platform for inter-application and inter-process architectures.

What's special about the Android OS Application Development?

Millions of users worldwide, including highly skilled developers, have been attracted by Android – the highest growth mobile platform providing really unique qualities and features which are constanly updated allowing Android software development specialists to create truly innovative applications. The more Smartphone manufacturers use Android as a mobile platform, the more business opportunities as well as growing customer base appear for Android application development companies. Android's simplified and streamlined approval process, low development cost, developers-friendly app development environment makes bringing new Android OS applications to market easier and faster than on other platforms.

Top Quality Offshore & Nearshore Android Application Development Services

If you'd like to take advantage of this top-class platform, then leverage ABTO Software as **Android software outsourcing company** for turning your business ideas into reality.

We've been involved in the Android development for a long time and know how to take best advantage of this mobile platform. Having in-depth technical knowledge on Android Development Kit our developers provide exceptional Android application and software development services to our customers worldwide depending on their specific business needs. We also provide high quality design services for Android apps.

We eagerly develop various types of custom Android devices apps for a wide range of domains:

- Game Development for Android Platform
- Business Applications for Android
- e-Learning Applications for Android
- Android Web Development
- Development of Applications for Android using HTML5
- Transferring iOS apps to Android Platform
- Drafting new apps for the Android OS
- Re-engineering existing apps to support Android OS based mobile phones
- Standardizing existing Android apps to work on all versions of the Android OS

If you're not sure what app you want to build for your Android phone or your favorite tablet, then our Android development expert team will offer you our excellent Android consulting services. Using our joint efforts – our extensive Android technology expertise and vast experience in **Android software and applications development** and your innovative business ideas – you are sure to benefit from reaching your goals such as: engaging your existing mobile users more and more, or gaining a huge number of new ones, or increasing your sales through mobile devices, etc.

Our Competencies & Skills in Applications Development for Android

Our Android specialists utilize the latest **Android applications development** technologies to build hip custom software solutions. Our Android technology expertise includes:

- ✓ Android SDK
- ✓ Android Media APIs
- ✓ OpenGL
- ✓ 3D graphics
- ✓ JAVA programming language
- ✓ Android 1.5, 1.6, 2.1 (Éclair)
- ✓ Android 2.2 (Froyo) and 2.3 (Gingerbread)
- ✓ Android 3.0 (Honeycomb)
- ✓ Android 4.0 (Ice Cream Sandwich)
- ✓ Android 4.1 (JellyBean)

We also utilize such aspects of Android Technology as GeoLocation, In-App Purchases, SQLLite Database, Push Notifications, Accelerometer, etc.

Why Hire our Android Application Developers

Our Lviv teams of **Android Application Developers have been working on the Android platform since it was introduced.** ABTO Software's qualified software development experts have in-depth technical knowledge and high caliber **experience in building** high-end custom Android apps in the areas of Gaming, Mobile Technologies, Internet Applications and Utilities development. Our professional Android app designers are dedicated to creating good-looking, easy-to-use, functional and intuitive user interfaces.

Using diverse tools and rich Java libraries and adopting best technology practices the Andriod app development team at ABTO Software engineer, extend and re-engineer great Android apps helping our customers deliver high performance services to their clients to meet their expectations and demands. Our mobile specialists also pay special attention to delivering standardized performance of our Android software and apps on all the Android OS versions.

Our Android developers specialize in various industries

Having mastered all the capabilities of this mobile operating system we developed a wide range of top-notch business solutions and applications for Android Platform catering various business verticals, such as:

- ✓ Healthcare/Medical Industry
- ✓ Banking & Finance
- ✓ Gaming
- ✓ Distribution & Retail
- ✓ Professional Services
- ✓ Other

Our Android Apps Development Portfolio Featured Projects

The Android Market (also known as Google Play) has over 700,000 apps in the store which makes it the biggest smartphone market in the world. There are a number of our interesting apps that you can assess there.

Below we invite you to see some of our featured business solutions developed especially for Android devices:

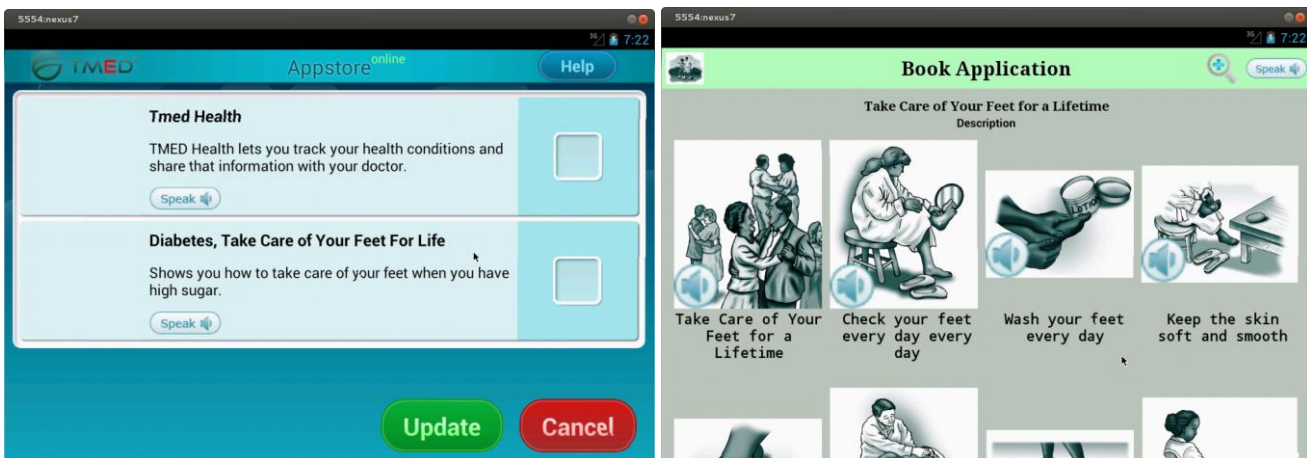## TMED – Customized Android Operating System (OS)

Industry: Healthcare/Medical

ABTO Software successfully created custom medical software specifically for the needs of medical clinics of various types. This customized operating system is developed for Android tablets which are given out to patients to use while in clinic or at home.

The system contains general useful healthcare information and a number of applications depending on patients' healthcare specialization. For example, using one of the specific apps allows users to track their health conditions themselves and share this information with their doctors to get further prescriptions. Another application is designed especially for diabetics who should check their level of sugar on a regular basis and take special care of their feet – they can all necessary information on why, when and how to do it in the application. ABTO is in the process of creating a number of new applications with necessary information in specialized Healthcare areas adding them to the customers' Appstore.

The system gives a restricted access to the patients depending on their needs so that they are not confused. The elderly patients or those with limited capacities ones can also adjust the text size or even listen to it.

ABTO Software's custom medical software for Android ensures high quality care and cost savings both for healthcare providers and their patients.

Technologies used: Android, C++, Java, REST, STAX

More Nails Manicure Game

Industry: Gaming

"More Nails" is a project within which ABTO Software developed several applications on Android and iOS platforms, e.g. "More Nails" (https://itunes.apple.com/us/app/more-nails/id540789996?mt=8),
"Glow Nails Lite" (https://itunes.apple.com/us/app/glow-nails-lite/id521161200?mt=8) and
"Nail Maker" (https://itunes.apple.com/us/app/nail-maker-virtual-manicure/id569609841?mt=8), etc.
The applications allow to clip, buff, polish and decorate your nails in the amazing glow-in-the-dark dress up game.

Using More Nails™ (https://play.google.com/store/apps/details?id=com.abto.morenails&hl=uk) manicure application is like visiting a real nail salon. You can choose a skin tone, trim your nails with realistic nail clippers, and buff to a squeaky high shine. Then it's time to choose from loads of polish color collections to custom paint gorgeous nails. There's a possibility to choose from tons of sparkling rhinestones, crystals, diamonds, gemstones, stickers, decals, hearts, flowers, fruit and more to decorate your nails. When you are happy with your creations, the application allows you to save your nails to your album, or share with your friends. Or you clean up with nail polish remover and start all over again.

More Nails™ applications are available for iPhone, iPod touch, iPad and Android now.

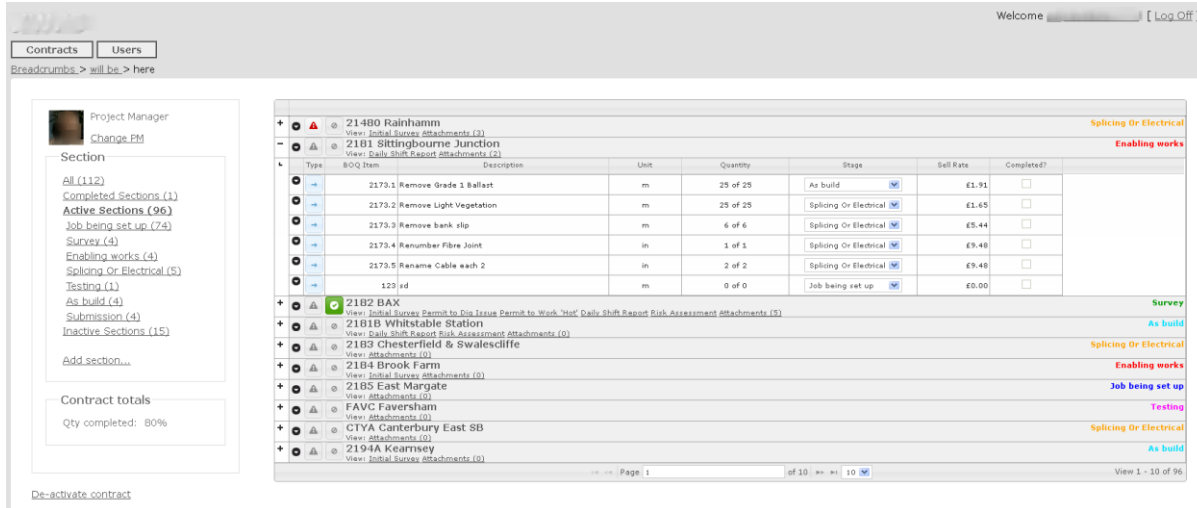*Technologies used*: Android, iPhone

NightTickets Apps

Industry: Banking & Finance

ABTO Software's team created an excellent NightTickets application (https://itunes.apple.com/ch/app/zkb-nachtschwarmer-app/id580492603?mt=8) for its customer – a Swiss universal bank. By means of NightTickets Apps the bank is able to give some additional service to its customers: easy and fast purchasing additional night train tickets.

The application is compatible with iPhone, iPod, iPad and Android.

Technologies used: Android, iPhone, Objective C

KITS – Online Management & Planning System

Industry: Internet Applications, Utilities

ABTO Software developed an advanced Intranet utility for our customer – one the largest UK's telecommunications, transportation and utilities service provider. This online system helps our customer manage all the works, resources and personnel, adequately estimate the company's personnel workload owing to the received reports and keep all costs well under control by optimizing the whole workflow process.

The ABTO team created a multifunctional database system that can be used by users with different roles. The system allows the executing authorized staff to:

- Report on the work done daily
- Request/report on the tools or resources needed
- Make risk assessments
- Track active projects status & view all projects history
- Coordinate projects workflow

Our experts developed a mobile version of the system which is extremely handy when used by the employees working in out-of-the-way places. In such cases workers record all necessary information on mobile devices, which is transferred to the server as soon as the connection is available.
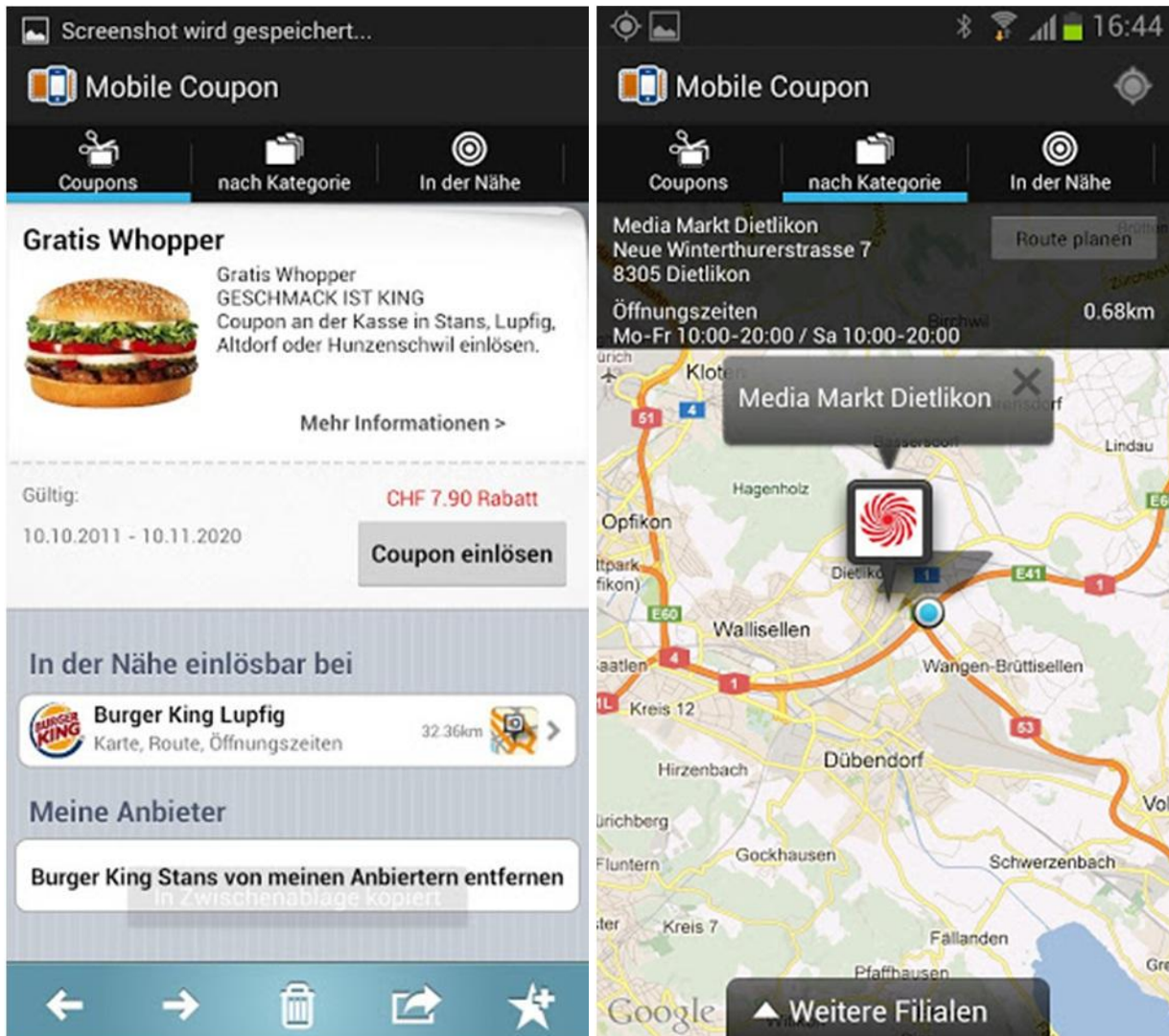
This online management and planning system is designed to coordinate all the operations within projects of various scales, which helps the customer's management:

- Assign tasks and monitor their performance status,
- Manage tools and resources needed
- Get analytical graphs, statistical reports and forecasts (including Daily Shifting Reports)
- View, calculate and control sell rates
- Estimate and forecast project(s) profit / loss
- Control company departments profit / loss

Our customer's end clients or contractors can also be granted access to relevant data so that they can track the execution of their order.

Technologies used: .NET, ADO.NET entity Framework, Android, ASP.NET MVC 3, C#, CSS, HTML, Java, JavaScript, jQuery, JQuery Themeroller, MSSQL Server 2008, sqlLite

Android Couponing Application

Industry: Distribution & Retail

ABTO Software created a Couponing Application for a Swiss online coupon retailer offering a wide range of promo-coupons from various suppliers that can to be exchanged for a financial discount when purchasing a product or service.

Android Couponing Application 2The application is meant for couponing service particularly on Android client. It simplifies and speeds up users' getting information about hot deals and discounts available, receiving new or exclusive coupons, personalizing them, making their list, forwarding or sharing them with friends via Facebook.

Technologies used: Android

www.abtosoftware.com
quote@abtosoftware.com
Skype: abto.software
Tel: +380 97 9521622
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