

Q3 builds a highly secure application that stores multiple passwords specifically for BlackBerry Storm Smart phone users.

Q3's global sourcing model gives the maximum benefit to customers in terms of cost savings, improved quality, access to highly talented professionals, flexibility of operations and reduced time to market.

Case Study - BlackBerry Password Manager

Company Profile

The Client, based in Europe aims at building a secure application for BlackBerry Storm Smart phone.

The Client aims at building a very secure application specifically for BlackBerry Storm Smart phone that would store multiple crucial passwords such as passwords for different bank accounts, different internet sites, and email accounts at one place.

Business Situation

Challenges

- » Study the specifications given by the Client.
- » Create highly secure yet easy to use application
- » Create strong encryption algorithm for data security
- » Create a powerful search function to mine data required

Q3 came up with a dedicated team of developers and QA experts to bring up a technical solution for Client's requirements. The team of developers analyzed the requirements, designed the application as per Client's requirements, and finally came up with a solution that ensured all needs and objectives are covered.

The development team built an application that was capable of storing multiple passwords such as passwords of different bank accounts, different internet sites, multiple blog sites, and email accounts. This application uses strong encryption algorithm to keep its data highly secure. The passwords can be stored in groups or subgroups. The user can create multiple groups and subgroups. The application generates a password for the user. The application also allows the user to save images and other related information

Features of the Application:

- » All types of passwords can be stored in the groups or subgroups a user wish to store
- » Users can create as many groups or subgroups he/she wants to create
- » Application can generate passwords for user. User can select criteria how the password can be generated
- » Application uses strong encryption algorithm so the information is very secure
- » User can save images and extra information also through the application. This information is highly secure
- » Very powerful search function to mine data requiredthe Client.

The QA team also got involved from the very beginning to ensure desired quality and bug free software is provided timely that includes all the objectives laid by

Technical Solution

Technologies

- » Java
- » Eclipse IDE
- » BlackBerry plug-in for Eclipse
- » BlackBerry API for OS 4.7.0

Benefits

- » The Client gained more popularity and trust of its customers
- » A secure application for BlackBerry Storm Smart phone users made the Client earn huge profits and thereby increase its business
- » Handy and easy to use