



Blackberry Geo Finder – Case Study

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Document History

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1. Introduction

The Blackberry mobile communication device was created by Research in Motion (RIM) of Waterloo, Ontario. Blackberry is booming due to its flexibility of **customized application development** for range of industry, business types and business needs. Blackberry is one of the leaders in Smart phone industry.

Research In Motion is a leading designer, manufacturer and marketer of innovative wireless solutions for the worldwide mobile communications market. Through the development of integrated hardware, software and services that support multiple wireless network standards, RIM provides platforms and solutions for seamless access to time-sensitive information including email, phone, SMS messaging, Internet and intranet-based applications. RIM technology also enables a broad array of third party developers and manufacturers to enhance their products and services with wireless connectivity

2. Client

AmericaRx.Com operates as an Internet retailer of health and beauty products. It sells and ships beauty, health, wellness, personal care, and pharmacy products, as well as over-the-counter products for diabetes supplies, skin care, and medical emergency supplies. The company was founded in 1999 and is based in East Elmhurst, New York .

3. Requirement

This project contains 2 applications, which interacts with each other.

1. Web portal
2. Mobile Application

User has to register on the web portal to download the mobile application that is to be installed on the mobile device to track the device location.

The Mobile Application should log the data to the server when it is started and should keep on logging the data to server with some specific time till the application is closed.

The user should be able to view his history of traveled routes on the web portal with the help of Google maps.

4. Solution Provided

This project is provided with a web portal and a mobile application, which meets the requirement.

WEB PORTAL

The web portal has a registration form where user has to register his mobile device by providing the mobile’s information like IMEI, MODEL NO. This IMEI is used to differentiate the devices. User is provided with an option for registering multiple devices or editing existing information.

The user is provided with detailed travel information such as latitude, longitude, altitude, speed, distance, time, etc.

View Information

View Device Information

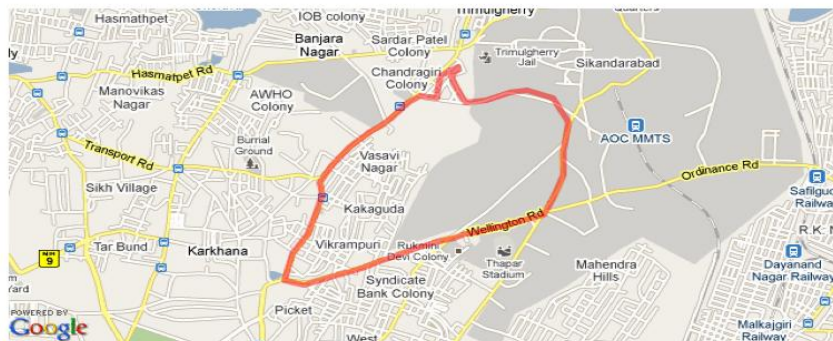
Device Travel Information

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Travel Details for HTC Windows Mobile on 2/5/2009 9:00:00 AM

Start Date	Start Location	End Date	End Location	Time	Distance	Speed
2/5/2009 9:00:00 AM	17.47,78.51	2/5/2009 9:10:00 AM	17.47,78.51	00:10:00	01.26 kms	37.62 kmph

Travel Information



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MOBILE APPLICATION

This Mobile application reads location information from the inbuilt GPS hardware and logs the data to server with some specified time interval, which can be configured. This application will show the location details on the screen in real time.

