

## **INTRODUCTION**

### **1.1 BACKGROUND OF THE STUDY**

Mobile technology has really accelerate in terms of it advancement to the extent that it has limitlessly left mobile application developers with no choice but to continue in its manipulation of its usefulness over and over (Leng, 2011). Furthermore Mobile tools are much stylishly made these days, so smart and handy which give room for collection of data in our mobile phones. Mobile phone gadgets are now doing the works of Global Positioning system (GPS) navigation gadget, because of its sensibility in accessing vital information concerning present location of valuable assets, places, friends and family.

Accessibility of location based services via our mobile phones is possible; provided that the mobile network can be retrieved by our mobile phones to exploit the use of geographical position of the mobile phone has been a continuous achievement starting from the military and later to every man jack. These location based services (LBS) use the information, based on the available location of the user to provide services dependent on their geographic setting, (Kirk & Mark, 2003) and customize needs. GPS tracking is embedded in location based services as a support tool in making use of mobile web (Leng, 2011). LBS, it's been considered at these points as those applications that entail a high level of exactness according to (Giaglis, Kourouthanassis & Tsamakos, 2003). As a result these with no stress user can easily access location like banks, hotels, colleges etc. Project aspires to adjust and influence the usage of location based services focusing mainly on ATM centres available in Lagos State.

### **1.2 STATEMENT OF PROBLEM**

An automated teller machine (ATM) is an electronic telecommunications mechanism that enables the users to carry out monetary transactions in a public places using credit card with no need of entering the bank. For that reason, users can effortlessly have their transaction completed by means of the ATM (Leng, 2011). On the other hand, people living in Lagos State are familiar with a particular ATM centre for performing their daily monetary transaction, at times when this ATM centres develops problem people are confused of which ATM centre to go to because they usually pass by several ATM centres but never take noticed of the location in which they are, so because of this they end up going to their Bank to be on the safer side. In addition for instance a foreigner, being his or her first time visiting Minna will find it difficult to locate a close by ATM centre when in need of cash urgently. For this reason this project will be solving a lots of problem in terms of locating an ATM centre closer to user current position and providing the user ability to access the status of that particular ATM centre.

### **1.3 AIM AND OBJECTIVES OF THE STUDY**

The aim of this study is to develop an ATM finder (My ATM's status) mobile web application. For easy location and broadcasting of the ATM's status in Lagos State.

The specific objectives of this study are:

To develop a system that will capture ATM centres location using Global Positioning System (GPS).

To develop a system that will locate a close by ATM location from the user's present position in Lagos State.

To develop a system that will display the status of a particular ATM.

#### **1.4 SIGNIFICANCE OF THE STUDY**

Ability to locate an ATM centre closer to user current position and also retrieving information about the status of ATM centre will draw the trust of people living in Lagos State, and also foreigners to approach any ATM centre on this system with no doubt.

#### **1.5 SCOPE OF THE STUDY**

The scope of this study is to design and implement of a web base ATM of point locator using GPS. The proposed system is developed on hybrid application platform for mobile application. The objective of the system is to show user the ATM centre closer to him or her and the status of that ATM. The numbers of ATM centres covered in this project are 10 in numbers. Smart phones are recommended for this proposed system. Proposed systems are subjected to users in Lagos State alone.

#### **1.6 LIMITATION OF THE STUDY**

This project is narrow in some ways stated below:

Cannot automatically generate ATM centre's status rather employ the ability of the feedback giving by the user.

Limited only to smart phone.

10 ATM centres in Lagos State.

#### **1.7 DEFINITION OF TERMS**

**HTML CODE:** –HTML stands for Hyper Text Markup Language. It is a type of computer language that is primarily used for files that are posted on the internet and viewed by web browsers. HTML files can also be sent via email.

**Markup language:** – A markup language is a combination of words and symbols which give instructions on how a document should appear. For example, a tag may indicate that words are written in italics or bold type.

**Web browser:** – A Web browser is a software program that interprets the coding language of the World Wide Web in graphic form, displaying the translation rather than the coding. This allows anyone to “browse the Web” by simple point and click navigation, bypassing the need to know commands used in software languages.

### **IMPLEMENTATION OF A LOCATION BASED SERVICE OF ATM CENTER USING GPS**

The complete project material is available and ready for download. All what you need to do is to order for the complete material. The price for the material is NGN 3,000.00.

Make payment via bank transfer to Bank: Guaranteed Trust Bank, Account name: Emi-Aware

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**Regards!!!**