INVENTION OF DIGITAL SWITCH THROUGH MOBILE APP TO UPDATE NEW PHONE NUMBER

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Abstract

With the rapidly advancing technology we are in the need of some unique applications that will help us to make our lives easier. The number of mobile Apps available has grown-up massively over the past few years. With the smartphones and Internet have taken up most of our daily lives, very few Apps among millions are really serving our purposes (Robert, 2017). One of the major pain point in Telecommunication sector is, when we change our phone number, the process of updating the new number to all contacts is still outdated and needed automation. By carefully examining the pain point, we have innovated LetzwApp design. LetzwApp is a unique, innovative product for the Telecommunication IT markets because it transcends the connectivity problems that other providers have. Now, as a mobile customer, you can enjoy the full efficiency of your mobile, without the worry of losing important prospects when you change your number (Vishaka, 2017).

Keywords

Telecommunication, Phone Number update, Mobile Application, Smartphones and Tablet PCs, Computer Science and Software Engineering

1. Introduction

Technology is rapidly advancing and every day something interesting in the form of an application or gadget is introduced in the market. Mostly several applications with the same function are introduced in the market that makes it hard to select that which one is authentic. The consumers need something interesting and problem solving that makes it easy for us to manage our lives effectively (Williams, 2015). A common issue that has been noticed nowadays is when you have to change your phone number. It becomes a daunting act to convert all the contacts and let people know about your new contact information. To resolve this issue, LetzwApp has been introduced in the market (Brooks, 2017).

The principal objectives of the study were as follows.

- To study the pain point when the smartphone user changes the phone number
- To identify the methods of communicating the new phone number to all contact(s)

For this reason, the research was to study the pain point and the solution provided to help the increasing number of Smartphone users: There are many theories and concepts that are consistent with the pain point of phone number change.

1.1 Problem Formulation

With the rapid increase in the Smartphones market, the cell phone providers advertise several cell-phones usage plans including data. In many countries, the cellphone plans also sometimes includes the installment plans for the latest smartphones, which attracts the consumers to enroll in expensive plans. With the increasing modern trend in the usage of smartphones, LetzwApp is an innovation mobile app that will help the smartphone users to update the contacts with the new phone number without doing it manually through text or email (Letzwapp Communications Inc. 2017). As soon as the user changes the cell phone number, the application will automatically update all the user's contacts about the user's new number. In case there is signal problem, or the battery of the cell phone is about to die, the user can enter any reachable number and so the user's customer, clients and family members can easily contact the user through that number (John, 2017). The user can add the landline number and even assign a dummy number for the contacts that the user does not want to share the phone number. It will help all the global users to stay connected with the world even if they change the phone numbers daily. Within seconds this reliable application will let everyone on the user's contact list updated. It is compatible with all iOS and Android smartphones.

- A method is proposed for automatically updating the user's new phone number in all the contact's smartphones directly, without requiring an individual to manually update their contacts by text, email, or by using an application for maintaining of contact information. The Mobile Application provide flexibility for the user to change the phone number anytime and update the number directly in their contact's smartphone, Tablet or Computer. This invention can also assign a dummy number to one or more contacts, if the user decides the contact is no longer needed to store the user's phone number. Updating of the contacts with the automated process installed is more frequent.

1.2 Review of Literature (LetzwApp – A Digital Switch)

LetzwApp is a recently introduced application. It is the next generation tool that will allow the users to update the smartphone contacts within minutes. Whenever the user changes the phone number, LetzwApp will help manage all the contacts and the user will never have to take care of this task manually. It will save user's time and the contacts can easily get connected with users (Williams, 2017).

LetzwApp has been developed with the latest technology to assure that it will provide the users the best services with secure authentication. The users can use the application on Android or iOS devices. Select any new phone number even if it is a landline number and all the user's contacts will be updated that where they should contact the user until the user change your number again (LetzwApp Communications, Inc. 2017). It can help the users in certain emergency scenarios. Perhaps if the user has an important meeting in a few minutes and the clients will contact the user on his/her phone but whether the battery of smartphone is about to die or there is a signal problem. List any reachable number on LetzwApp and all the contacts will be automatically updated. It will show how professional you are and the chances of getting the deal will enhance (Sommerville, 2004).

It is the perfect application for the entrepreneurs and business owners because they have to deal with thousands of contacts every day. They do not have the time to manually manage contacts when they change their number. LetzwApp will quickly replace the old number with the new one (Brian, 2017).

1.3 Mechanism

There are no other applications that have been developed with the same purpose and features to automate the phone number changing problem. As per LetzwApp Communications, Inc., the users will never have to deal with the hassle of calling or texting the contacts to update the contacts about the new phone number. There is a special feature in the LetzwApp that will allow you to keep your number hidden (Jeffrey, 2017). If there are certain individuals with whom the user would not prefer to share his/her number, the user can assign a dummy number through LetzwApp and so those contacts will never get the chance to save the user's original contact number. (LetzwApp Communications, Inc. 2017). In order to satisfy the requirements of the users, LetzwApp provides a secured communication platform (Samuel, 2017). Whenever the user updates the new phone number with the application, it will generate the one-time password (OTP) authentication protocol for your new number. In this way, the user will get the permission to use the number (Morgan, 2009).

1.4 Pain Point of Telecommunication Consumers

Before we answer the question of 'how', let's look at life before the invention. Prior to this new application, cell phone users had no way to change their contact numbers with all their contacts on an individual basis. Instead, they had to go through the time-consuming ordeal of contacting everyone either by text, e-mail, or a phone call (LetzwApp Communications, Inc. 2017). Unwanted callers and phone calls were just ignored but, nonetheless, proved to be annoying to the individual on the receiving end, day in and day out (Brian, 2017).
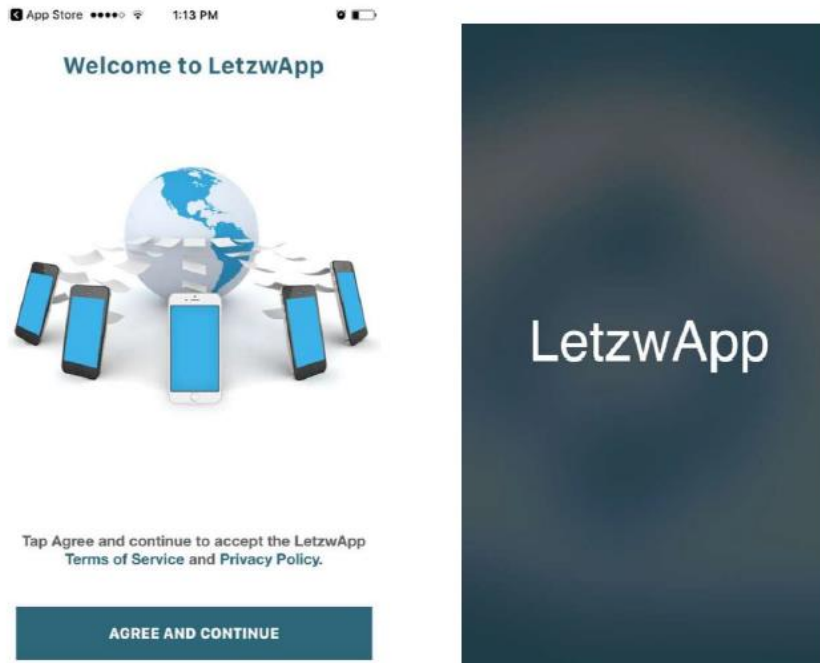
Figure 1: *Initial iOS logon screen of the App*

2. Conclusion

The Invention App, LetzwApp it a powerful and high-tech contact sync tool that will allow you to update the contacts instantly (Stephene, 2017). With this Invention, the users can switch the cell phone carrier from cheap plan providers with poor signals to the cell phone plan providers with strong signal without dealing with the hassle of sharing the contact numbers through text or emails. It will help you the users even when traveling to a foreign state (Harron, 2017). The users can always stay in touch with their close ones even if they are located in any other country. LetzwApp is changing the way we used to get in touch with customers (Justina, 2017).

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