

Design and Implementation of Online Address Book on Information System Case Study of Personal Identity

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Abstract: This research work evaluates the address book system of creating and keeping of people and then design and implementation a new system which will fasten the process and also make the process very accurate and up to date contacts for users, Design and implementation of online address book website is a study in which the researcher's interests is enabling users to create their own profile page and to be found by other people via a search of their name and. Then contacted via their web page containing their profile information. Online Address book system will increase the speed, accuracy easy, and up-to-date profile of users, thereby enabling users to get and contact each other with easy. The proposed system was designed using the structured system analysis and design methodology (SSADM) which was argument by oral interview, observation and study instructional materials of existing system. In. this approach, a lot of information on design and implementation of online. Address book on information was gathered and organized to allow you to quickly view the profile of a customer or supplier and the database was Microsoft access: The result of this work is a software developed in a visual basic. Net which is capable of making the popular learn computer networking at the output of the work shown in appendix.

Key words: Address book, Information system, Database, Synchronizing, On-line.

1 INTRODUCTION

An online address book is a database hosted in the internet that stores names, addresses and other contact information for a computer user. Online Address books allow easy access to the user's friends, family, business associates and others by maintaining their email and other contact details on their computer. Address books can be software based, or accessed online or through a network. Users may also be able to export contacts from their address books to mobile phones, PDAs and other portable electronic devices. This paper focuses on address books that are accessed through the internet.

1.1 Address Book

Collecting, maintaining, and using identification and location information about companies and individuals who are associated with you is an everyday occurrence. Without a Standardized, systematic way to store and retrieve identification and location information, you as individual or your company might miss opportunities for sales and purchases. An online address book system can be the cornerstone for integrating financial, distribution, manufacturing, customer services, payroll, and human resource systems within your company. Every industry uses some type of system to store name, address, and other information about customers, suppliers, employees, and other internal business organizations. Traditionally, companies have used card indexes and paper file systems to collect information about individuals and companies. This paper presents an online address book that can help to all contact and identification, location information at one place.

Address books can also appear as software designed for this purpose, such as the "Address Book" application included with Apple Inc.'s Mac OS X. Simple address books have been incorporated into e-mail software for many years, though more advanced versions have emerged in the 1990s and beyond; and / also in mobile phones.

An online address book typically enables users to create their own web page (or profile page) which is then indexed by search engines like Google and Yahoo. This in turn enables users to be found by other people via a search of their name and then contacted via

their web page containing their personal information. Ability to find people registered with online address books via search engine searches usually varies according to the commonness of the name and the amount of results for the name. Typically users of such systems can synchronize their contact details with other users that they know to ensure that their contact information is kept up to date.

1.1.2 Explanation of Address Book

An address book may be part of a personal information manager, which combines an address book, calendar, task list and other features. To create an online address book, a user must create a profile page, which is catalogued by search engines such as Google or Yahoo.

Network address books can be managed through a singular interface in order to combine a user's entire network. These can include contacts for social networks, emails, mobile phones and PDAs.

Some people believe that future network address books will have capabilities that supersede social networks when they expand to reveal the real-time activities of address book contacts, including current social network posts, blog posts and other electronic activities. For example, facebook has friend suggestion applications, where user can suggest that their contacts become friends with other friends; this can be thought of as a type of shared address book.

1.2 Aims and Objectives of the Research

1. The online address book is extremely useful for small business owners, allowing you to access your full list of contacts from wherever you are in the world.
2. To quickly and accurately retrieve information about an individual or company.
3. It allows you to quickly view the profile of a customer or supplier.
4. To ensure that each address book record is assigned a number that uniquely identifies the entry.
5. Simple searching of your contacts is easy using the search bar, or you can arrange your contacts into custom groups to make sorting even easier.
6. To assign as search type, such as employee, customer, or supplier, to the record so as to then customize your online displays and reports to provide information by business relationship.
7. Users can import their existing contacts into the application. We also allow you easily export a copy of all your contacts.
8. To enter address book information.
9. To locate address book records
10. To audit address book records.

1.3 Statement of the problem.

- Small business owners often have a very demanding work schedule. Meeting deadlines and juggling business appointments is sometimes a job in itself. It is very easy to completely lose important business contacts, particular if your job involves constant traveling.
- Business today will often have multiple phone numbers for each contact in addition to an email address. This quickly becomes confusing and difficult to manage, particularly with an old-fashioned address book. These are not easy to search through quickly and also dangerously easy to lose completely.

1.4 Research Significant

1. Saves having to re-send long lists every time you want to reach a group.
2. You can achieve your own computer. The list is saved in .CSV format so you can import it or open in Excel.
3. You can see how your address book is growing in response to your marketing efforts.
4. On the website you can quickly select a single person or whole group and send a message to them.
5. The address book operated online differs from the old system of accessing information's and data, been manage electrically ensures easy accessibility, management, and updates.
6. Store contacts in one place: Being able to store all of your personal or business contacts in one easy to get to place, will help you always be able to find the information you need easily. It will also help you stay organized, which is important for anyone, but especially when you run a business.

7. Set reminders: When you find a good program to use, there will be a way that you can set reminders for birthdays or appointments so you never forget important things again.
8. Add other important information: There are some programs available that will allow you to add not only text, but also pictures, attachments, tables and even URLs for a specific contact. This will let you stay really organized and keep every important thing for each contact where it needs to be so you can find it easily.
9. Address Books let you refer to lists of your mobile or cell phone numbers by name. Once you have filled the Address Book with numbers you can quickly send the same message to everyone in the Address Book. This can be much quicker and more accurate than re-entering a list of numbers each time you want to send a message to a group.
10. You can allocate each entry in your Address Book to a "group". From the web site, and thus from anywhere in the world, you can then select people to send a message to by their name or "group".

2 REVIEW OF RELATED LITERATURE

2.1 Background of the Address Book

If a company has business information about employees, customers, and suppliers on index cards and in paper files, the Address Book system stores names, addresses, and other business information that the company can use. Each address book record is assigned a number that uniquely identifies the entry. The Address Book system enables you to quickly and accurately retrieve information about an individual or company.

If a company wants to retrieve information about individuals and companies based on their relationship with the company, an address book allows you to create an address book record and assign a search type, such as employee, customer, or supplier, to the record. You can then customize your online displays and hardcopy reports to provide information by business relationship.

For a company that has several individuals entering the same kind of information; even with documented standards, the company has no assurance that the information is consistent. Address Book system is has predefined codes, called user defined codes that you can use to standardize your data entry information. If the predefined codes do not satisfy your business requirements, you can add to them and change them. If the company has employees assigned to a branch office. To track and report on these employees, You can define up to 30 address book category codes to describe characteristics that are unique to your business. For example, you can set up a category code that identifies the branch office. Then when you create an address book record for an employee who works at the branch office, you can assign the category code to that employee.

The Online Address Book system provides a robust Who's Who feature that allows the user to identify a list of contacts associated with an individual or company. For each Who's Who contact, you can store address book information such as title, name, address, and phone information. In addition, you can enter a 40-character textual description about the contact. You can also assign a type code that identifies the contact. The type code feature is useful for creating reports and mailing lists. You also can define up to 10 who's category codes to describe characteristics about the who's who contacts for tracking and reporting purposes. The address book system provides a feature that allows you to store information about an individual or company with whom you currently have no business relationship. You can associate this individual or company with an individual or company that is on your who's who list. The address book system allows you to attach multiple addresses to an address book number. In addition, you can associate multiple address in a parent/child relationship. If you search for the parent address, you will also get all of the child addresses. You can store future address information with a date that tells the address book system when to start using the address. You can also store previous address by date. In addition, an online address book has a feature that allows you to permit suppliers and customers to use the internet to update their own address book information. Online address book includes a supplemental data feature that allows you to attach information, such as maps pictures of inventory, contracts and so on , an address.

Currently, most people have many different address books: their email accounts, their mobile phone, and the "friends lists" on their social networks. A network address book allows them to organize and manage all of their address books through a single interface and share their contacts across their different address books and social networks.

2.2 Example of Address Book.

Yahoo address book is an online contact manager you can use to store all your contact information about individuals and companies. In order to use yahoo address book, you must be a registered yahoo user.

2.2.1 Information Collection and use Practices.

- In addition to registration information, yahoo allows you to enter address and contact information into yahoo address book that is stored on your behalf.
- Yahoo does not use any information stored in your yahoo address book for any marketing or commercial purpose.

2.2.2 Practices Regarding Ability to Update or Delete Information

- You can edit any contact information stored in your yahoo address book at any time.
- You have the choice to delete each contact individually or to delete all contacts at once
- When you use yahoo address book, you are subject to the yahoo terms of service.
- Please see yahoo address book help if you have question about this service.

In most of world, addresses are written in order from most specific to general, e.g. finest to coarsest information, i.e. starting with the addressee and ending with the largest geographical unit. For example:

Until the advent of modern postal systems, most houses and building were not numbered. Streets may have been named for landmarks, such as a city gate or market, or for the professions of their inhabitants. In many cities in Nigeria, most minor of Anambra. When postal systems were introduced, it became necessary to number buildings to aid in mail delivery

Example	Format
Gbasouzor Austin Ikechukwu	Name
Department Mechanical Engineering	
Chukwuemeka Odumegwu Ojukwu University	
P.M.B 02	
Uli Nigeria	
Ihiala/ Uli/Anambra State	City Area District
Ihiala/ Uli/Umuoma	City/Town/Village
Nigeria	Country
435114	Postal Code
Okeke Ogochukwu Clamentina	Name
Department of computer science	
Chukwuemeka Odumegwu Ojukwu University	
P.M.B 02	
Uli Nigeria	
Ihiala/ Uli/Anambra State	City Area District
Ihiala/ Uli/Umuoma	City/Town/Village
Nigeria	Country
435114	Postal Code

Hence, in identifying these problems, we were able to clarify the new system’s objectives and users, desired inputs and outputs, and desired processing.

2.3 Advantage of online address book

Having an address book allows us to search contact easily and it would be smart and useful to keep one. It is just really handy and comes really useful when in need.

1. It is online: whether you are in the office, on the road, or working from home, you’ll always have access to your contact list.
2. Centralized contact management: allows you to store and manage contact information in one central, online location.
3. Import and export contact lists: synchronize with outlook, modify your online address book; import from a spread sheet, export into another contact management system.
4. Private personal contacts: add personal contact to your own contact management information without sharing it with others.

5. Contact search and filter: locate the contact information you need easily by searching in the online address book. View by categories or full contact list, and filter alphabetically.
6. A social function: some ones address book can have profound effect on their social standing.
7. Statistics collection: address book can be a parameter in statistics collection, especially in census harking or the insurance industry.

Disadvantages.

1. An online address book is hosted on the internet; hence it can only be accessed with an internet connection.
2. An online address book is completely inaccessible in situation of complete power outage.
3. In conditions of complete system failure, the online address book cannot be accessed.

2.4 Expected result using address book

Shared outlook contacts: share your outlook contacts between online and offline setting .
categorized and grouped contact: create personal and group contact categories. Organize each contact by category.

External contact list: share external, global address books.

Internal contact directory: share company-wide contact directories.

Remote contact management: access and share contact info with co-workers, remote employees, and customers effortlessly.

Secure contact manager: control access to your contact list with strict rights and permissions.

Conclusion

Currently, most people have different address books: their email accounts, their mobile phone, and the “friends list” on their social networks. A online address book allows them to organize and manage all of their address book through a single interface and share their contacts across their different address books and social network. Online address book is available online anytime provided one is connected to the internet. This a good tool that is recommended for companies and individual who wish to store address book information such as title, name, address, and phone information.

As a result of the need for efficiency, security and accuracy it is recommended that computerized and automated way of registering people information as regards their business be employed in various co-operate easy accessibility to their goods and service and for an efficient and effective means of management of information.

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