



(Established under Galgotias University Uttar Pradesh Act No. 14 of 2011)

Contact Book Management System

A Report for the Evaluation 3 of Project 2

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SCHOOL OF COMPUTING AND SCIENCE AND ENGINEERING

BONAFIDE CERTIFICATE

Certified that this project report “**Contact Book Management System**” is the bonafide work of “**Satyendra Yadav (1613101638)**” who carried out the project work under my supervision.

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Abstract

On a daily basis, everyone depends on a lot of contacts which cannot be remembered so easily as it's tough to do so. Hence dependability increases on phones. What will be the situation if our phone is lost and we do not easily remember our contacts and other important stuff? Idea is to come up with an app which will be a partial remedy to the phone. So let us try an app which will allow saving info like Last Name, First name, Middle name, Phone number, email id, upload pic etc.

It will be multi user application secured as personal data and saved contact details will not be accessible to other users. The other option will be like save notes which will allow user type down anything which can be kept as an info related to passwords or info related to business deals, or info related to id's or ticket numbers etc.

Introduction

A Contact Management System (most commonly know as a CRM or Customer Relationship Management) is a program that enables you to store and manage contact information. They are essentially databases that track all your information and communication based on your contacts.



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” Forecasts from Gartner anticipate that the customer relationship management market will be worth \$36.4 billion worldwide by 2017. “

Many of these systems offer calendar integration which can be shared with your business contacts. This makes staying organised much easier and saves you the time it takes to manually maintain your contact

database as well as liaising with clients to arrange your calendar. And this will work on your mobile so you can take it with you!



“Not only is the CRM industry growing at a rapid pace, but Mobile CRM is expected to grow by 500% in 2014, with more than 50% of business rolling out or piloting mobile CRM.”

Overall Description: A contact management system offers many benefits for the user, which include:

Centralisation of information which makes it easy to search for contacts.

Sales tracking

Email integration

Calendar integration

Documents, notes and conversation management

Import/export utility

Ease of communication

There are a huge range of contact management system softwares available and making the right choice can become really complicated due to the fact that it depends largely on your specific business requirements.

Purpose: The Sales force Cloud also includes a real-time sales collaborative tool called Chatter. Which is essentially a social network within the Sales force system while still supporting all the normal social media channels.

Another area where the sales force automation software delivers unique value is with its sales coaching, closed loop lead management and embedded analytics. – Read more about [Sales forces analytics capabilities](#)

In terms of security, to help protect your data, there are profile permissions to prevent users from exporting data or that disable the API for a user. So any edition with custom profiles will have this available. Sales force has an App Exchange partner called Out Protect that can prevent employees from “walking away” with data from your organizations.

Motivation and scope: The main objective of this project is to create an Electronic Book Shop that allows users to search and purchase a book online based on category, author and subject. The selected books are displayed and the user can order their books online through bKash or DBBL. The Administrator will have additional functionalities when compared to the common user. The motivation to create this project has many sources –

Interest to develop a good user friendly website with many online transactions using a database. To increase my knowledge horizon in technologies like PHP, SQL, CSS, HTML, JavaScript, JQuery. To reduce time consumption, labor requirements.

Existing System

Functional Aspects: Multi User Contact Manager project will have modules Contact Details, Professional details, Educational details, Notes, Reminders, Events, Groups, Dashboard

Dashboard: It will show info related to social contacts posted by Admin, user group admin contacts related to different groups, events published by admin or any user, posts that have been posted by admin or registered users. Reminders will also be shown on dashboard (set by admin only)

Contact details: It will allow users to save their details First name, Last name, Middle name, phone number, alternate phone number, landline, email id. Add pictures too.

Professional details: This module will provide options to save info like which company the user is working, experience, if the registered user is a student they will enter college or school he or she is attending.

Notes:

This module will be used to enter notes related to the many scenario. Like purchase a book tomorrow or prepare that chapter before the day of the exam or raised a complaint about phone not working and id is:- . This module will basically allow the user to save anything that needs to be followed up or mention some important points which one cannot remember easily.

Reminders: This module will be used to add reminders which will save description related to the reminder that needs to be set, date and time

frame info will be added. A reminder once created will be flashing on the dashboard which will be viewed by all registered users.

Events: This module will be used to publish events like Sams's Birthday party and initial approval request will be sent to admin. Upon confirmation add requests will be sent to all know registered users. The option will be provided to post views and add photos to a published event. NO option to reply on a published post in an event. The option will be provided to add a picture for the event. Small description info will be added. Event date info will be provided.

Groups: This module will be used to create groups. Contact numbers and related details of friends will be added. Detail added can be linked to a registered user too. Once a group is created and numbers are contacted are added, members who have been added to the group can post postings. Can add photos to the group. Each group will have an info related to a number of members of the group. A picture can also be added to the group as a group icon.

Future prospects: This Multi User Contact Manager project has a lot of scopes to make a live application. A few features that can be tried are listed below:

- We can add SMS notifications to event reminders and email setups.
- We can add group chat feature for members in a group and chat feature for members who are added or linked to an event.

Multiple user contact management is used to store the details of the users. User details are stored in the database. Then any number of users can store their details in the database. If we can interest to search the

details of the user we can search the details by using this multiple user contact management.

In multiple user contact management, we can add the details of the user, edit the details of the user and delete the details of the users. In this first process is give the password to the login page and after entry to the home page.

By using this process we can store the details of the user and admin also. This is very useful to search the details of the user and admin also.

Proposed System

Participant's profile: The participant's personal information is asked in order to better analyze the results. It includes the participant's age, profession, sex, their mainly used contact management tools and frequency of forgetting contact's name (chosen from —rarely‖, —sometimes‖ and —often‖).

Contact info for business purpose

In order to provide insight into the importance of different contact information in working environment, participants are asked to evaluate several kinds of information including people's education experience, working information, research interest, origin, hobby and personality as the basic information. In addition to those stated above, participants could also write down other kinds of information if they feel there are any. The participants are asked which kinds of information they care the most about a person for business purpose. For each piece of information, they are supposed to choose their attitudes from —don't care‖, —important‖ or —very important‖.

Contact recall

For looking into how people recall the contact in the name forgetting case, besides the contact info, we also introduce the context information (e.g., last meeting location with the contact) which may play as important cues in contact recall. We ask participants to recall or imagine a scenario in their social lives such as a conference or a cocktail in which they have made some new friends. But for some reason or other, they haven't contact each other for a long time so that they were not able to remember the contact's name. Similar with the previous question set, we ask which kinds of information about the contact they are most likely to recall in this case.

Implementation/Architecture Diagrams

Related Work: Memory of human being is usually poor and often fails. On some occasions, it generally causes uneasy situations (e.g., forget the name of a person). As the number of relations among people increases, it is difficult for people to maintain their social contacts with merely memory. To help people for better management their social contacts, a powerful social contact management tool named Social Contact Manager (SCM) is introduced. It supports a simple but efficient contact retrieval interface and auto-collection of rich contact data. With a series of questions about contact management, online survey is done. On the basic of survey results, the SCM system is developed. To estimate the usability and usefulness of SCM, a user study of contact management is performed which proved SCM is very helpful for contact re-finding. Particular phenomena about social contact management and recall are discovered. Based on the result of this user study, the human contact-memorizing pattern is also concluded. Purposely, the contact name recall is used in the academic community as the target application to showcase our proposed methodology. We further develop an intelligent social contact manager that supports

- 1) auto-collection of rich contact data from a combination of pervasive sensors and Web data sources.
- 2) When human memory fails, use associative search of contacts.
- 3) User study on contact memory recall is also conducted, through which several findings about contact memorizing and recall are presented.

Keywords

Social Contact Management

Human memory Aid

Pervasive Computing

Human Computer Interaction,

Empirical Study

Problem Statement:-

Using memory cues to address the memory lapse problem has been proved to be effective. Several types of cues are used as general ones to address distinct memory problems, such as user experience with the object, its creator, linked items, etc. However, the role that memory cues play in memory recall is rather complex and domain related, which has been of little concern in existing studies. First, in terms of the objective and user groups, many different forms of cues can be used to enhance memory recall. Just taking the contact name slipping as an example, businessmen may remember properties such as position, commercial needs, etc. On the other hand, educational background and research interests become more important information for academic researchers. This is in line with the survey result reported by Elswailer et al. [4], which indicates a wide range of forgetting behaviors and consequently a need for different types of tools to prevent memory failure. Therefore, depending on the context of memory aid, it may be easier for the user to utilize some types of memories over others. Second, to enhance memory recall using specific memory cues, we should collect such cues in association with the items in a data archive for future retrieval.

Requirements Specification:

KEYWORDS:

- Generic Technology Keywords: Database, User Interface, Programming
- Specific Technology Keywords: Asp.Net 3.5, C#.Net, SqlServer-08 or above
- Project Keywords: Analysis, Design, Implementation, Testin
- SDLC Keywords: Presentation, Business Object, Data Access Layer

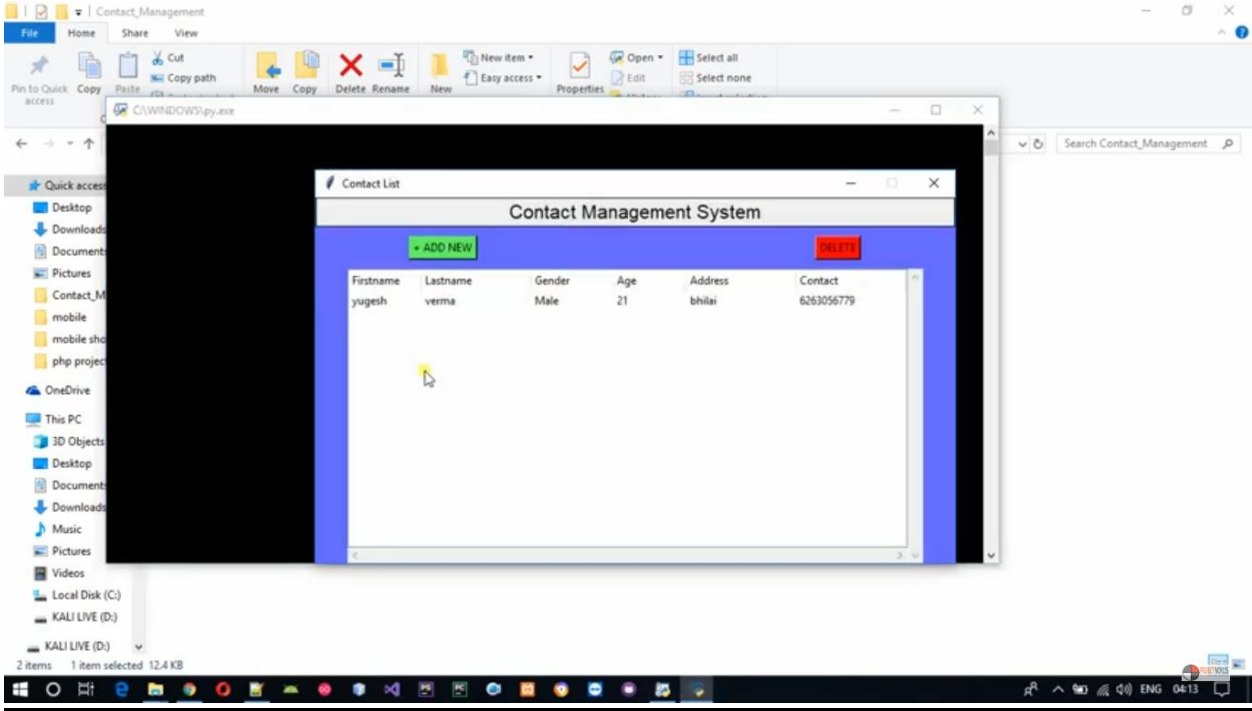
- Operating System Server: Windows 8 or later
- Database Server: Microsoft SQL Server-2008 or higher
- Client: Microsoft Internet Explorer
- Tools: Microsoft Visual Studio .Net-2008 or more
- User Interface: Asp.Net with Ajax
- Code Behind: C#.Net or any other language supported by .Net

HARDWARE REQUIREMENTS:

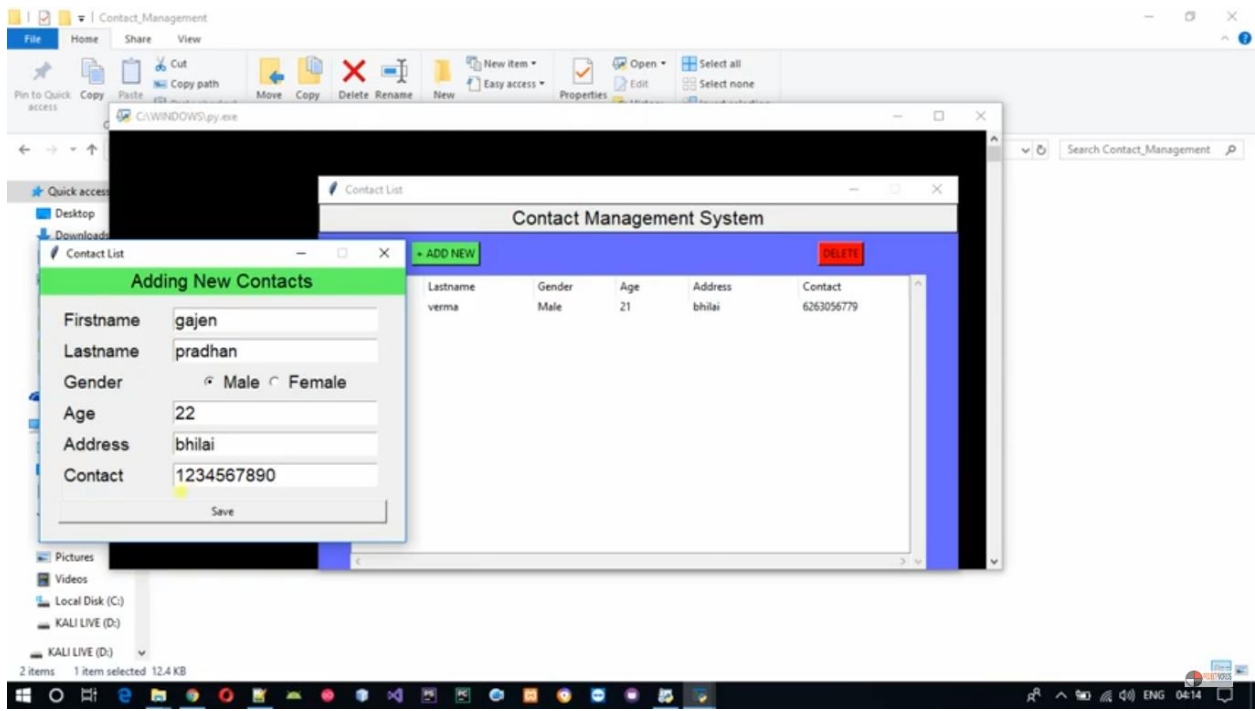
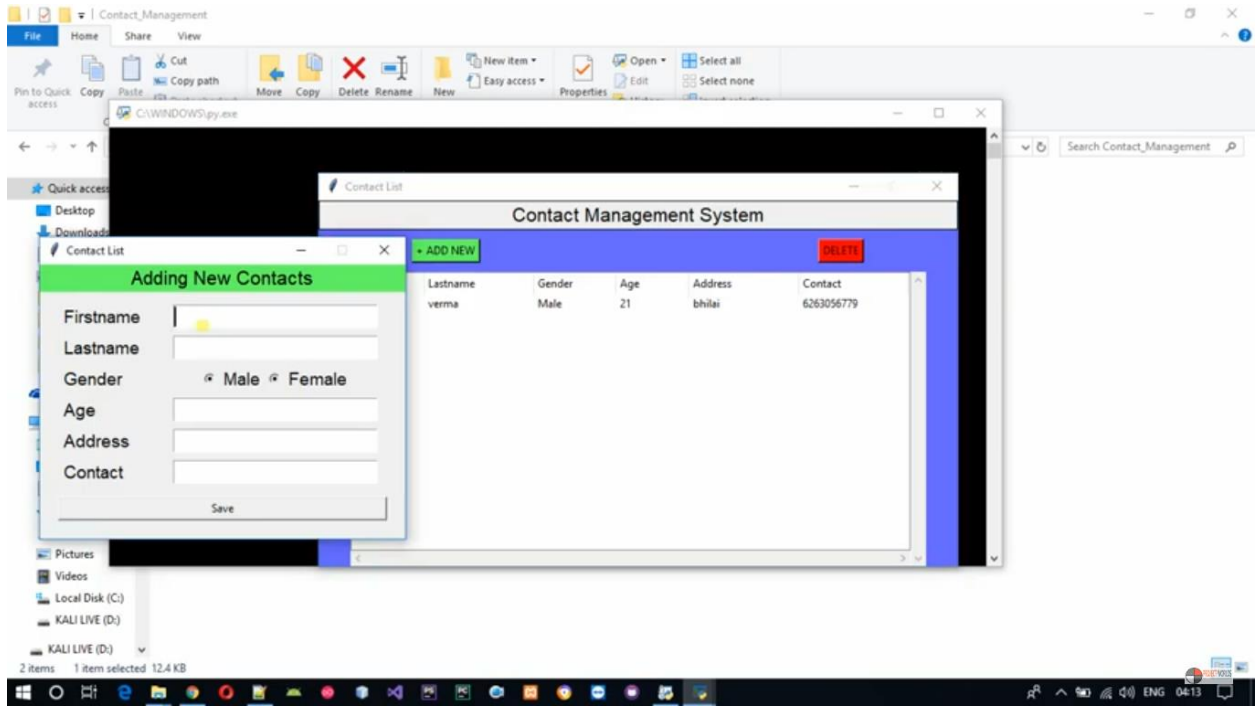
- Processor: Intel Pentium or More
- RAM: 1 GB Ram and above
- Hard Disk: PC with 20GB and above
- We can add any other Hardware according to our requirements.

OUTPUT/RESULT

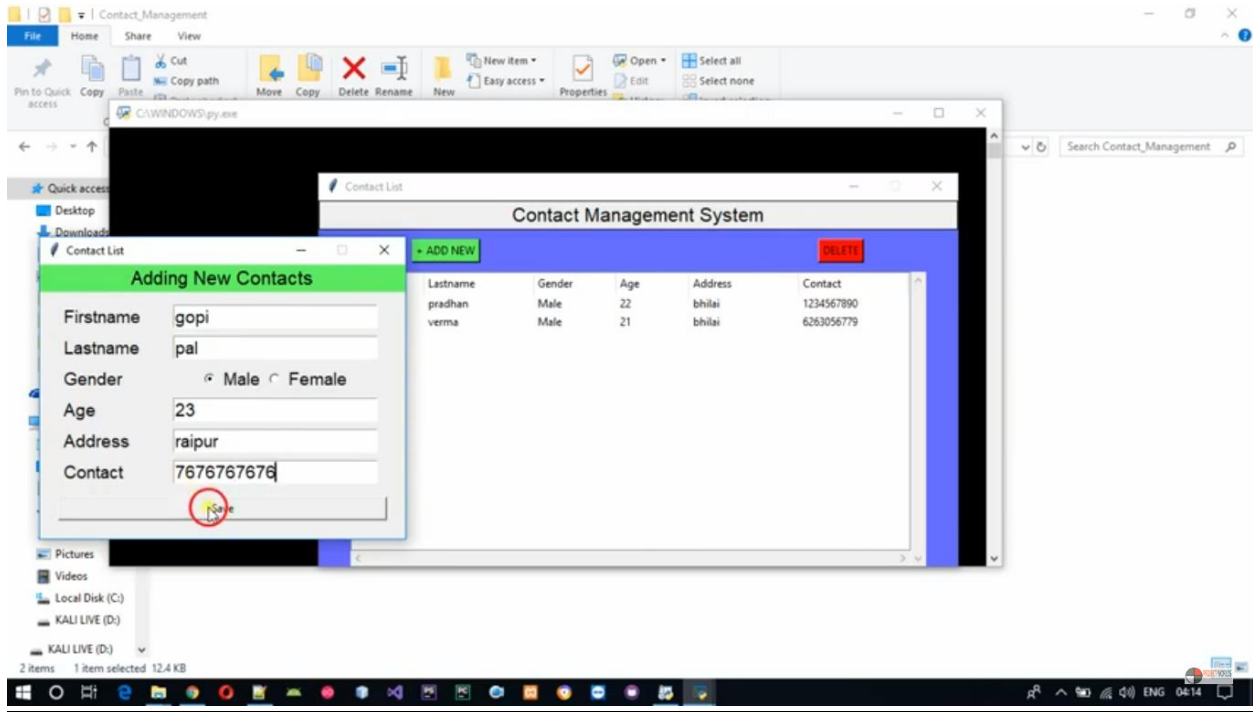
Run Program:



Add The Numbers:



Save The Number:



Conclusion

The Contact Book project has been successfully completed by the developer well within the scheduled time and all the functional requirements of the project that were set in the SRS have been fully achieved. The external interface requirements and Input/output formats have also been implemented as per the requirement specifications. The security aspects of the system have been a particular concern and it has been implemented in a unique manner. The logical design was carried out in a very thorough manner and a modular approach was adopted, with each developer given the responsibility of one module. Special attention was given to the implementation of data base constraints and towards maintaining the integrity of the database, so that even if the coding fails at some place, the data integrity will not be violated. At the end of it, all the modules were integrated without any problem and the system was observed functioning as a whole in the predicted manner.

Extensive testing of the system, as well as that of all the modules have been done using various test cases and it was revealed that the system is operating well within the prescribed parameters and the expected outcome of the test cases were observed in most cases. A few coding errors were detected following the extensive testing, which were minor in nature and the same have been rectified promptly.

The system is now fully functional and ready to be deployed on-site.

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