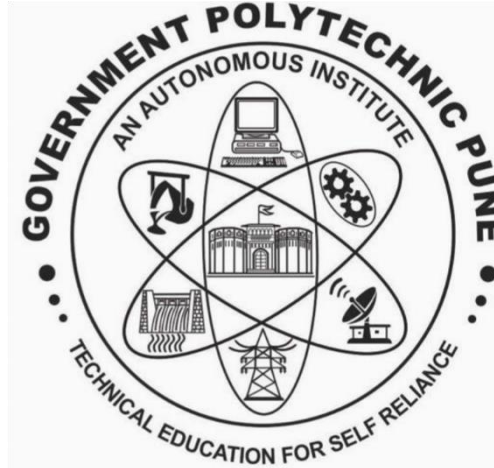


# **Government Polytechnic, Pune**

**(An Autonomous Institute of Government of Maharashtra)**



A  
Micro Project

Report On

## **“PHONE BOOK APPLICATION”**

**SUBMITTED BY:**

**Dhairyashil Ramchadra Khot      2026010**

**Gadhawe Vivek Bhagwan      2026012**

**Gore Abhishek Siddhu      2026018**

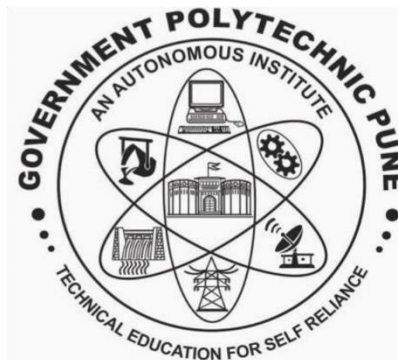
**Under the Guidance of**

**Smt. L. S. Korde**

**DEPARTMENT OF COMPUTER ENGINEERING**  
(Academic Year: 2021-22)

**Government Polytechnic, Pune**  
(An Autonomous Institute of Government of Maharashtra)

**Department Computer Engineering**



**CERTIFICATE**

This is to certify that Mr. **Dhairyashil Ramchadra Khot , Gadhave Vivek Bhagwan , Gore Abhishek Siddhu** with Enrollment No. **2026010 , 2026012 , 2026018** of Third Year Diploma in Computer Engineering has successfully completed the Micro Project on “**PHONE BOOK APPLICATION**” as part of his diploma curriculum in academic year 2021-22 .

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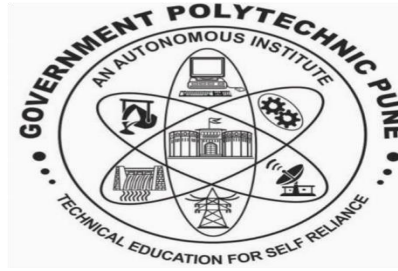
**Project Guide**  
(Smt. L. S. Korde)

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**H.O.D**  
(Mrs. M. U. Kokate)

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**Principal**  
(Dr. V. S. Bandal)



## **JAVA Programming-I Micro-Project Report**

### **ACKNOWLEDGEMENT**

The satisfaction and that accompany the successful completion of any task would be incomplete without the mentioning of the people whose constant guidance and encouragement made it possible. I take pleasure in presenting before you, my Micro project report, which is a result of studied blend of both research and knowledge.

I express my earnest gratitude to Mrs. L. S. Korde of Department of Computer Engineering, our project guide, for his constant support, encouragement and guidance. I am grateful for their cooperation and valuable suggestion.

I am especially grateful to Mrs. M. U. Kokate, the Head of the Department, Computer Engineering, for her time-to-time, much needed valuable guidance.

I would like to extend my deepest gratitude towards our respected Principal, Dr. V. S. Bandal Sir and Computer Department for organising this course in our curriculum. It has helped us so much, helping us dynamically and I am sure we could learn a lot from it.

Finally I would like to express my sincere thanks to my colleagues for their constant inspiration, motivation and encouragement without which it would have not come into success.

## **Abstract**

Phone Book System is a small web application developed for mini project students. In olden days we stored all our important contact details in books and papers. Here we proposed a new system, by using this application we can store all the details in a central repository.

In manual method if we forget information book then it is very difficult to get the contact details. By using this application, we can see our contacts anywhere in the world, here we will have security to the login page and no one can see our contacts without proper authentication. In this project we can save our contacts and we can search them by name and we can see all of them at a time.

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## **Introduction**

Phone Book is a project that is provide by technical assignment help to us in that we get a simple SQL based solution to store our contacts. We can use it to replace our hard phonebook or even use it as an office- wide phone directory. This will help user to easily contacts using this system.

This system is developed using the general need required by the user while using the phone directory book. In order to keep updated the phone book directory, the admin will have the authority to add and delete as well as modify the existing records within the phone book directory. The users of the directory will only have the authority to search any particular record and listing details of all available records.

To provide the search result within short interval of time optimized search algorithm code have been used that will able to provide the results within seconds

## **Proposed System**

Under this Phonebook Project, all the functionality has been added to meet the user's requirements in just few seconds. To provide the desired result on time, it is using with SQL server, Active-X in any Windows system and used binary search method has been used to produce results on minimal time. As customers do not have to purchase new volumes, each year and even they do not have to wait for the New Year to get updated records. As the new customer does the user side, so users will able to get updated information each time will update details. To eliminate data redundancy and perform. Validation process background codes by the class will responsible to do this task. If user will make any mistake while entering, they will be given a warning along with correction, which is required to be made. It will also guide the customers to use this system in convenient manner through its graphical screen. It not only contains local codes but also ISD codes. The names are present in user-sated formats like alphabetical order, according to time, date, recently etc. so that user also can easily find the required person along with their address and telephone numbers and use search option.

# Requirement Specification

## Project Technical Specification:-

Visual Editor	Visual Studio 2012 Ultimate Edition
Programing Language	Visual Basic .NET
Database Support	MicrosoftSQL2008
Frame work version	Microsoft .NET Frame work 4.0
Windows installer	Windows installer 3.1
Project Type	Contact data management

## Hardware and Software Requirement

### Hardware: -

Hard Disk	250 MB of free space
RAM	512 MB
Screen Resolution	1024x768
Processor	Intel P4 or Latest

### Software:-

Database Support	Microsoft SQL 2008
Framework version	Microsoft .NET Framework 4.0
Windows installer	Windows installer 3.1

Internet Connections -  
YES

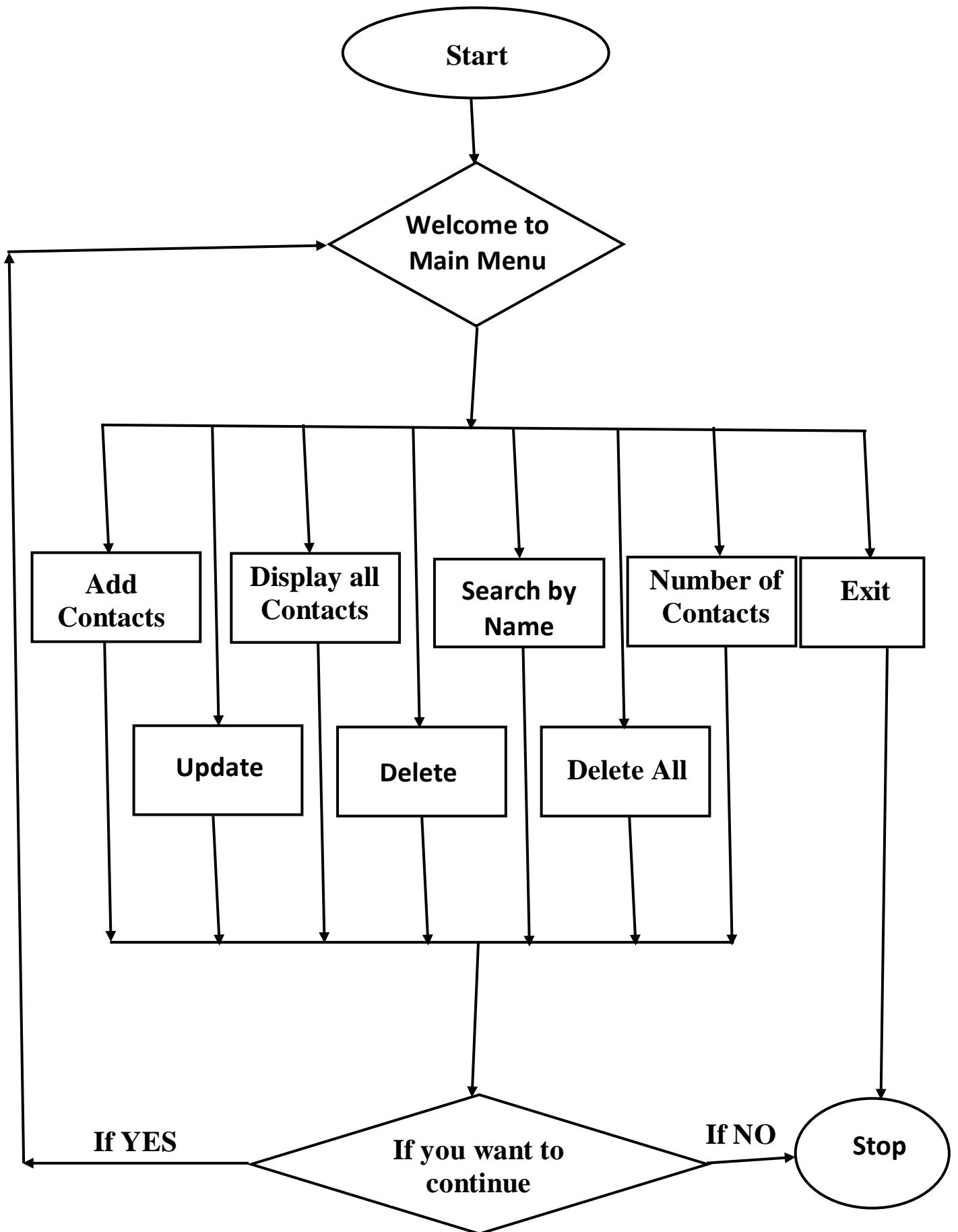


## Objective

This system is developed using the general need required by the user while using the phone directory book and provided a lot of facility to their user. The objective of my Project Phone Book is to record the details various activities of user. It will simplify the task and reduce the paper work. The system is very user friendly and it is anticipated that administrators, academics, students and applicants will easily access functions of the system.

- Most Objectives of this Project are following: -
- Fast Speed Data Processing.
- To record the details various activities of user.
- It will simplify the task and reduce the paper work.
- The system is very user friendly.
- Easily accessed by administrators, academics, students and applicants.

# System Design



# Output

```
-----  
-----  
|          PHONE BOOK APPLICATION          |  
-----  
|  
|          [1] Add Contacts                 |  
|          [2] Display all Contacts        |  
|          [3] Search by name              |  
|          [4] Update                      |  
|          [5] Delete                      |  
|          [6] Delete All                  |  
|          [7] Number of contacts          |  
|  
|-----  
|          [8] Exit                        |  
|-----  
-----  
  
Enter Your choice:
```

```
Enter Your choice: 1  
  
Enter your name :  
Abhishek  
Enter your number:  
1234567890  
Contact Added successfully!!!  
Menu (Yes/No) :
```

```
Enter Your choice: 2  
  
1]  
Contact Name : Abhishek  
Contact Number: 1234567890  
  
Menu (Yes/No) :
```

```
Enter Your choice: 3  
  
Enter Contact Name:  
abhishek  
Contact Info Found!!!  
  
Contact Name : abhishek  
Contact Number: 1234567890
```

```
Enter Your choice: 4  
  
Enter Name you want to update:  
abhishek  
New name:  
ABHI  
New number:  
1234567890  
Contact Updated Successfully!!!  
Menu (Yes/No) :
```

Enter Your choice: 5

Enter Name of contact you want to delete:

ABHI

Contact Deleted Successfully!!!

Contact Name : ABHI

Contact Number: 1234567890

Menu (Yes/No) :

Enter Your choice: 6

All Contacts Deleted Successfully!!!!

Menu (Yes/No) :

Enter Your choice: 7

Total Number of Contacts: 0

Menu (Yes/No) :

Enter Your choice: 8

Invalid input...!

Menu (Yes/No) :

Thanks for using our software!!!!

# **Limitations and Future Application of the Project**

## **Limitations of the system:**

- System works in all platforms and its compatible environments.
- Advanced techniques are not used to check the authorization.
- No Offline mode

## **Future Enhancements: -**

It is not possible to develop a system that makes all the user. User requirements keep changing as the system is being used.

Some of the future enhancements that can be done to this system are:

- As the technology emerges, it is possible to upgrade the system and can be online.
- Because it is based on object-oriented design, any further changes
- Based on the future security issues, security can be improved using
- Online
- OFFLINE mode.

## **Conclusion**

This application software has been computed successfully and was also tested successfully by taking "test cases". It is user friendly, and has required options, which can be utilized by the user to perform the desired operations.

- ✓ Optimum utilization of resources.
- ✓ Efficient management of records.
- ✓ Simplification of the operations.
- ✓ Less processing time and getting required information.
- ✓ User friendly.
- ✓ Portable and flexible for further enhancement

## References

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