

PHONE DIRECTORY

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BACKGROUND OF THE PROJECT



Understanding the concept of file management and searching techniques



Ease of use with the implementation of GUI



Light weight application

INTRODUCTION

- This project uses the concept of files and GUI to make the objective work. This program is manages to collect data from the user and store it in a file. It also helps us search the data by name of the contact or assigned groups.

Abstract

- The main objective of this Telephone Directory System is to store the contact details of the desired persons in a Files. It is a friendly & easy to use with the GUI interface developed in Java with Files to store the details. This application stores all the details like name, telephone number, email id and section categories in files. This system was developed to reduce the errors that creep up in manual systems. It was very difficult to store all the details manually there such a system was developed. This software also allows to search various contact details. It is secure, easy to use and reliable software system. Earlier where there were only manual systems which required a lot of paperwork but now an automated system is developed which meet all the requirements. This is phonebook application in java and check out telephone directory project documentation at the end of this page which will help in understanding this project.

Advantages

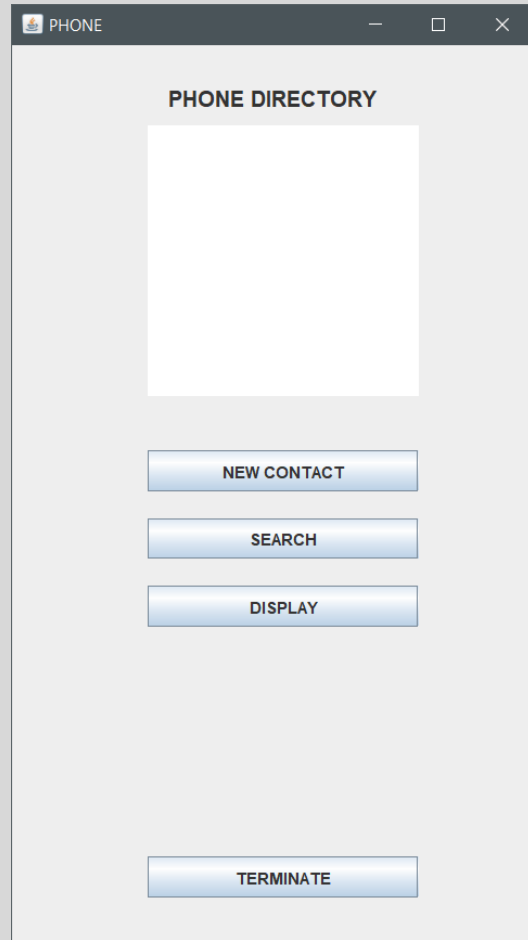
- Easy user interface with the use of GUI.
- Well organised file system.

PhoneD
<u>Title: JLabel</u> <u>Mainframe: JFrame</u> <u>searchframe: JFrame</u> <u>newcontactframe: JFrame</u> <u>displayframe: JFrame</u> <u>newContact: JButton</u> <u>search: JButton</u> <u>display: JButton</u> <u>terminate: JButton</u> <u>save: JButton</u> <u>back: JButton</u> <u>back2: JButton</u> <u>back3: JButton</u> <u>startsearchName: JButton</u> <u>displayfam: JButton</u> <u>displayfriend: JButton</u> <u>displaywork: JButton</u> <u>displayall: JButton</u> <u>textarea: JTextArea</u> <u>nametextarea: JTextField</u> <u>numbertextarea: JTextField</u> <u>emailtextarea: JTextField</u> <u>searchbytextarea: JTextField</u> <u>searchbynumtextarea: JTextField</u> <u>entername :JLabel</u> <u>eentername :JLabel</u> <u>enteremail :JLabel</u> <u>enternumber:JLabel</u> <u>selectgroup:JLabel</u> <u>static String number</u> <u>static String name</u>
<u>Readfile:(path:string)</u> <u>Feedfile():void</u> <u>Feedfile2(filename:String):void</u> <u>nameFinderWithNumber(path:String,searchPath String)</u> <u>main(args[]:String):void</u>

Class Diagram

LIVE DEMONSTATION

OUTPUT SCREENSHOTS



PHONE DIRECTORY

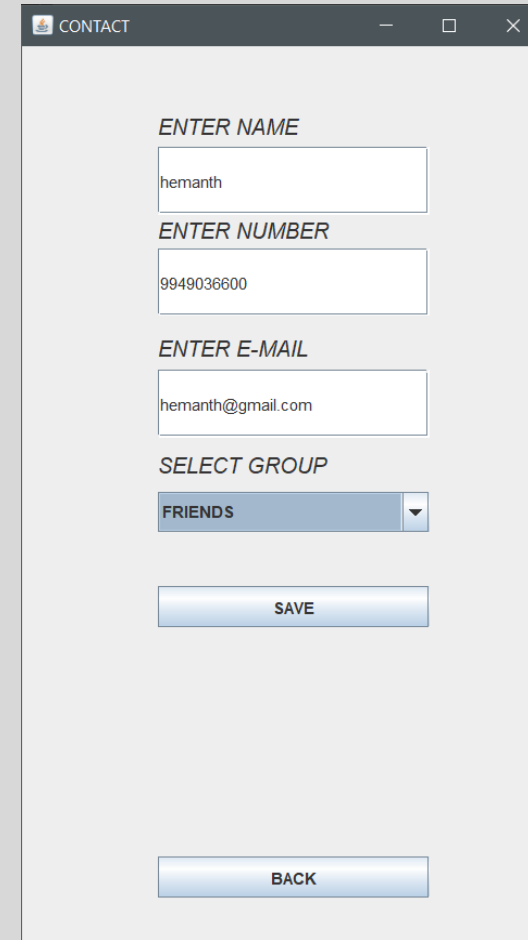
NEW CONTACT

SEARCH

DISPLAY

TERMINATE

The screenshot shows a window titled 'PHONE' with a standard OS title bar. The main content area is titled 'PHONE DIRECTORY' and contains a large, empty white rectangular box. Below this box are three blue buttons with white text: 'NEW CONTACT', 'SEARCH', and 'DISPLAY'. At the bottom of the window is a single blue button with white text: 'TERMINATE'.



CONTACT

ENTER NAME

hemanth

ENTER NUMBER

9949036600

ENTER E-MAIL

hemanth@gmail.com

SELECT GROUP

FRIENDS

SAVE

BACK

The screenshot shows a window titled 'CONTACT' with a standard OS title bar. The main content area contains several input fields and buttons. It starts with the label 'ENTER NAME' followed by a text box containing 'hemanth'. Below that is the label 'ENTER NUMBER' followed by a text box containing '9949036600'. Then the label 'ENTER E-MAIL' followed by a text box containing 'hemanth@gmail.com'. Next is the label 'SELECT GROUP' followed by a dropdown menu showing 'FRIENDS'. Below the dropdown is a blue button with white text: 'SAVE'. At the bottom of the window is a blue button with white text: 'BACK'.

SEARCH

SEARCH

ENTER NAME

hemanth

SEARCH

BACK

PHONE

PHONE DIRECTORY

Name->hemanth
Number->9949036600
Email->hemanth@gmail.com

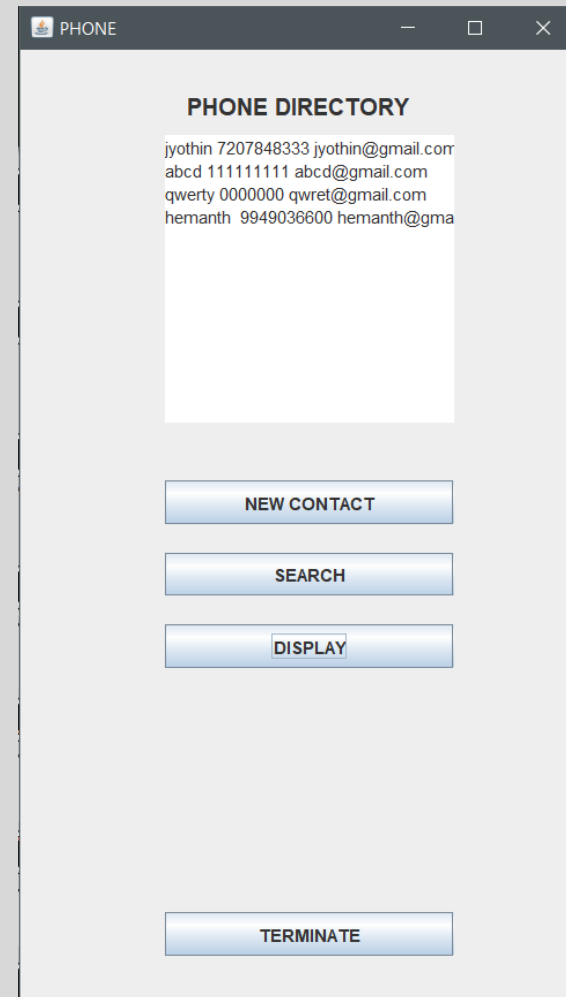
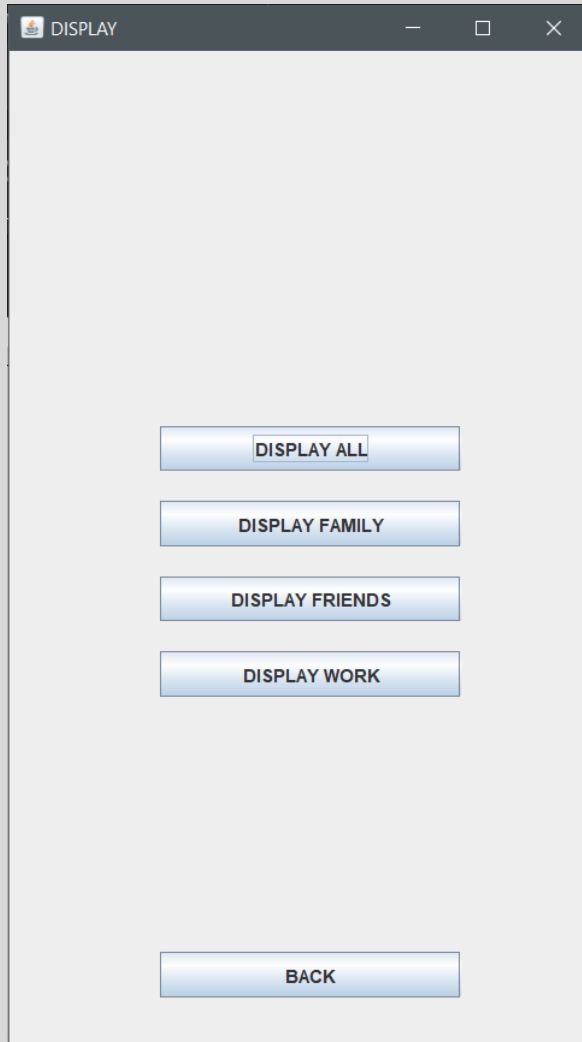
NEW CONTACT

SEARCH

DISPLAY

TERMINATE

DISPLAY



IDE INTERFACE

```
PS D:\work\klstuff\sem 2\oops\project> java project.phoneD
jyothin7207848333
pointing to->jyothin//7207848333//jyothin@gmail.com
abcd1111111111
pointing to->abcd//1111111111//abcd@gmail.com
qwerty00000000
pointing to->qwerty//00000000//qwret@gmail.com
hemanth9949036600
pointing to->hemanth//9949036600//hemanth@gmail.com
```



INTERACTION

Thank You