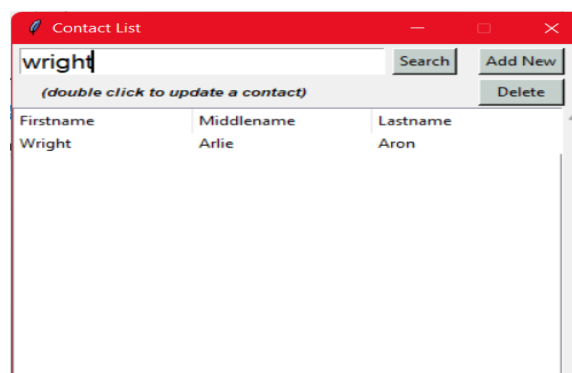


## User Guide

- For Complete end users (not for development purpose), user can directly execute the binary file which is present in dist folder in zip file to use the application GUI without any hassle.
- For development purpose user should have python 3 with tkinter enabled in their device in order to run this application. The project is named as Contact\_list.
- Run this Contact\_list.py or .exe file in the device and the user will be able to see the main window of the project (as shown in the image displayed below)



- Inorder to search any contact user can search in the search bar as shown in the image displayed below and by pressing search button after successful search returns to the main window.



- To add a new contact simply press Add New button which is present in top right corner of the main window and it takes the user to new window where user can add new contact to the contact list. There are certain mandatory fields that needs to be filled by the user in order to save a contact successfully to the contact list. They are First name and Last name. There are certain validations like Phone Number (Area code must be 3 digits and Number must be 7 digits), Zip code must be 5 digits and date must be in mm/dd/yyyy format.

**Adding New Contacts**

Firstname: Akash  
 Middlename:   
 Lastname: Karuturi  
 AddressType: Home  
 Street: 7815 McCallum Blvd  
 City: Dallas  
 State: Texas  
 Zip: 75252  
 PhoneType: Home  
 PhoneAreaCode: 469  
 PhoneNumber: 9228740  
 DateType: Birthday  
 Date(mm/dd/yyyy): 02/18/2000

Buttons: Save and add more information, Save

**Contact List**

Buttons: Search, Add New, Delete

(double click to update a contact)

Firstname	Middlename	Lastname
Baron	Annabell	A'field
Gael	Dena	Aartsen
Rollin	Francklin	Abramof
Roseanna		Acors
Tomaso	Holli	Adamsen
Cyril		Adran
Gianna		Agent
Gabey		Aggott
Stephie		Ainscough
Winslow	Nana	Aiskovitch
Tatania	Phaedra	Aitkin
Sidonia		Alderson
Chilton		Aldren
Cathy		Alelsandrovich
Ariel		Alessandruci
Pooh	Emili	Alflatt
Chaim	Inglis	Allot
Sarina		Alvarado
Cherilyn	Jerrilyn	Americi
Alison	Margarita	Amor
Evangeline	Leonid	Anderson
Ardyce		Andino
Ede		Ansley
Vick	Adriana	Anthonsen
Meyer		Antoniou
Arlana		Antunez
Rabi	Davon	Apted
Krystalle	Georgia	Archer
Diannne		Arens
Fey	Adan	Armfield

- After Successful entry for each field, press save button in order to save a contact in the contact list. If the user wants to add more information like Work address or Work Phone or Anniversary date along with home address, phone and Birthday to the contact, press Save and add more information which navigates to the update window where user can add multiple information for a single data type.

The screenshot displays three overlapping windows from a contact management application:

- Adding New Contacts (Left):** A form for creating a new contact. Fields include Firstname (Akash), Middlename, Lastname (Karuturi), AddressType (Home), Street (7815 McCallum Blvd), City (Dallas), State (Texas), Zip (75252), PhoneType (Home), PhoneAreaCode (469), PhoneNumber (9228740), Date Type (Birthday), and Date (02/18/2000). Buttons for 'Save and add more information' and 'Save' are at the bottom.
- Contact List (Center):** A table listing contacts. The table has columns for Firstname, Middlename, and Lastname. A green arrow points to the 'Add New' button in the top right corner of this window.
- Update (Right):** A form for updating an existing contact. Fields include Firstname (Akash), Middlename, Lastname (Karuturi), and buttons for 'Update name', 'Add Phone', 'Add Address', and 'Add Dates'. Below these are sections for Address (AddressType, Street, City, State, Zip) and Phone (PhoneType, Area Code, Number) with their respective values populated.

- User can Add more phone numbers, addresses and dates by pressing Add Phone, Add Address and Add Dates respectively and selecting data type to the respective data.

The screenshot displays three separate windows for adding specific data to a contact:

- Add Phone (Left):** A form with fields for PhoneType, AreaCode, and PhoneNumber. A dropdown menu for PhoneType is open, showing options: Home, Work, Cell, Fax, and Other. A 'Save Phone Number' button is at the bottom.
- Add Address (Center):** A form with fields for AddressType, Street, City, State, and Zip. A dropdown menu for AddressType is open, showing options: Home, Work, and Other. A 'Save Address' button is at the bottom.
- Add Date (Right):** A form with fields for Date Type and Date. A dropdown menu for Date Type is open, showing options: Birthday, Anniversary, and Other. A 'Save Date' button is at the bottom.

- Double click to update any contact in the contact list.

**Contact List**

Search Add New

(double click to update a contact)

Delete

Firstname	Middlename	Lastname
Baron	Annabell	A'field
Gael	Dena	Aartsen
Rollin	Francklin	Abramof
Roseanna		Acors
Tomaso	Holli	Adamsen
Cyril		Adran
Gianna		Agent
<b>Gabey</b>		<b>Aggott</b>
Stephie		Ainscough
Winslow	Nana	Aiskovitch
Tatania	Phaedra	Aitkin
Sidonia		Alderson
Chilton		Aldren
Cathy		Aleksandrovich
Ariel		Alessandruci
Pooh	Emili	Alflatt
Chaim	Inglis	Allot
Sarina		Alvarado
Cherilyn	Jerrilyn	Americi
Alison	Margarita	Amor
Evangeline	Leonid	Anderson
Ardyce		Andino
Ede		Ansley
Vick	Adriana	Anthonsen
Meyer		Antoniou
Arlana		Antunez
Rabi	Davon	Apted
Krystalle	Georgia	Archer
Diannne		Arens
Fey	Adan	Armfield

**Update**

Firstname: Gabey  
Middlename:   
Lastname: Aggott

Update name

Add Phone

Add Address

Add Dates

AddressType	Street	City	State	Zip
Home	6 Browning Point	Plano	Texas	75097
Work	5874 Granby Alley	Allen	Texas	75008

PhoneType	Area Code	Number
Cell	680	9968963
Work	940	9161708

DateType	Date
Birthday	12/2/1964

- User can double click the respective field in the Update window to update/delete it.

**Update Address**

AddressType: Home

Street: 6 Browning Point

City: Plano

State: Texas

Zip: 75097

Update Address

Delete Address

**Update**

Firstname: Gabey  
Middlename:   
Lastname: Aggott

Update name

Add Phone

Add Address

Add Dates

AddressType	Street	City	State	Zip
Home	6 Browning Point	Plano	Texas	75097
Work	5874 Granby Alley	Allen	Texas	75008

PhoneType	Area Code	Number
Cell	680	9968963
Work	940	9161708

DateType	Date
Birthday	12/2/1964

- User can press delete in order to delete a contact.

