

AK MESSENGER

BY:

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INTRODUCTION

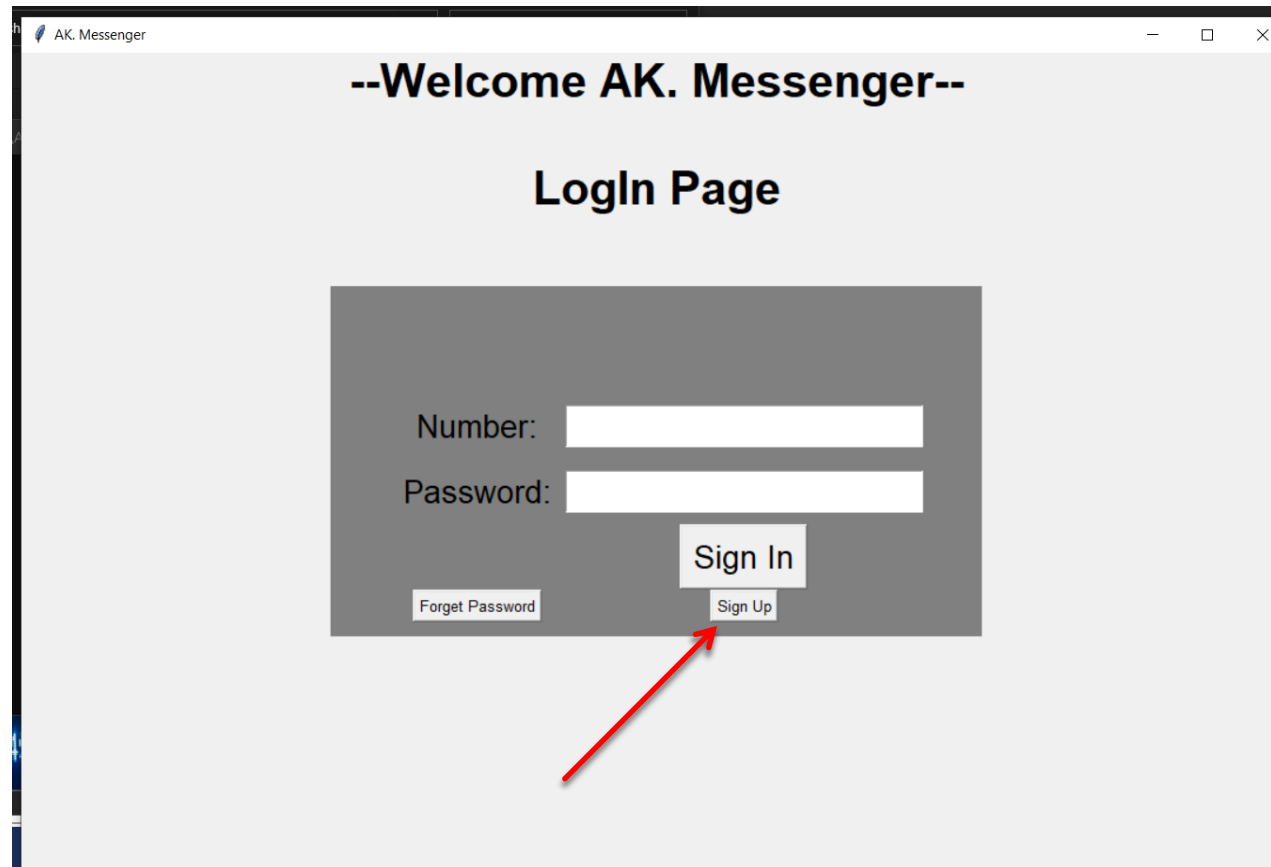
- Using AK Messenger, you can talk via text messages between two or more people.
- This Messenger is easy to use for everyone.
- AK Messenger is based on client server architecture and multiprocessing.
- The Messenger app is built in Python programming Language.

REASON TO CHOOSE

- **AK Messenger** follow Indian guidelines. Comparison other company No server (WhatsApp ,Facebook) are available in our country. if chat(WhatsApp ,Facebook) of any criminal want to see but these are against rules other country government guidelines.
- My government is promoted of these type of developer because no Indian software in this country.

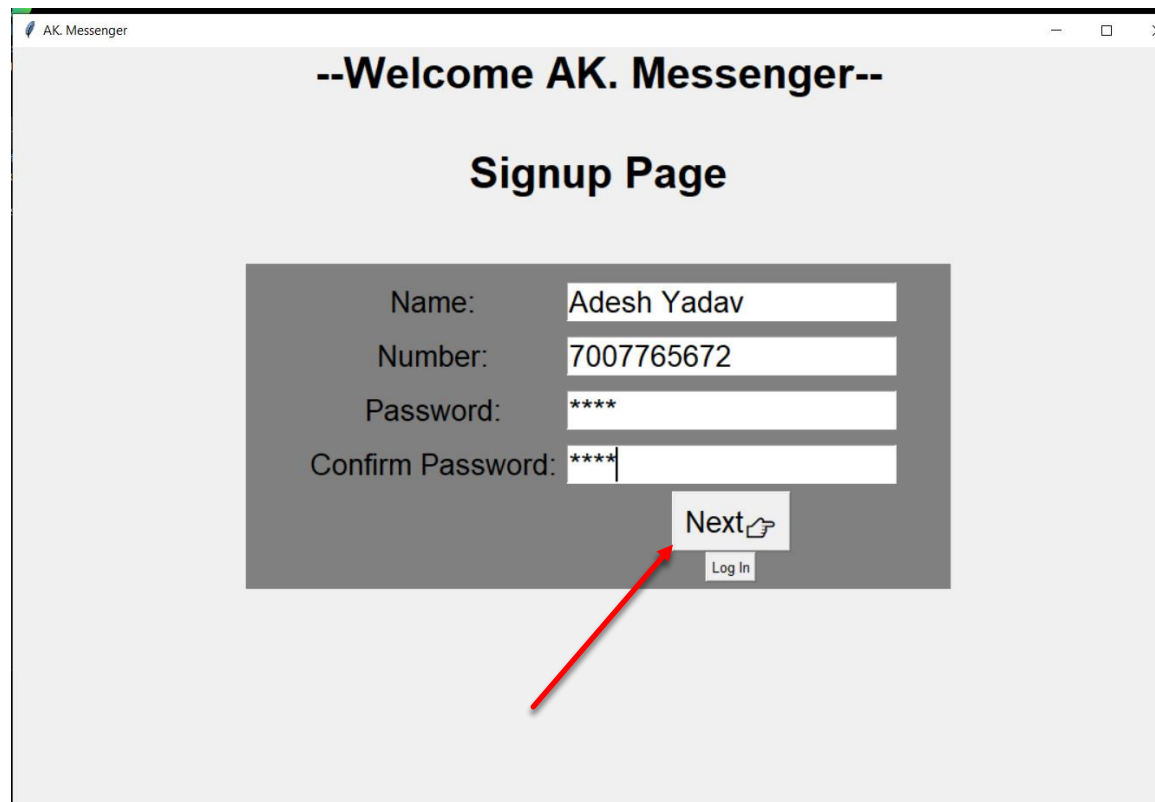
HOW TO USE ?

- First of all open AK Messenger. Then click 'Sign Up' button.



REGISTRATION

- After click 'sign up' Fill Name ,Mobile Number and Password then click 'Next'



The screenshot shows a web browser window titled "AK. Messenger". The page content includes a header "--Welcome AK. Messenger--" and a sub-header "Signup Page". Below these, there is a registration form with the following fields: "Name:" with the value "Adesh Yadav", "Number:" with the value "7007765672", "Password:" with the value "****", and "Confirm Password:" with the value "****". A red arrow points to the "Next" button, which has a right-pointing arrow icon. A "Log In" button is also visible below the "Next" button.

AK. Messenger

--Welcome AK. Messenger--

Signup Page

Name: Adesh Yadav

Number: 7007765672

Password: ****

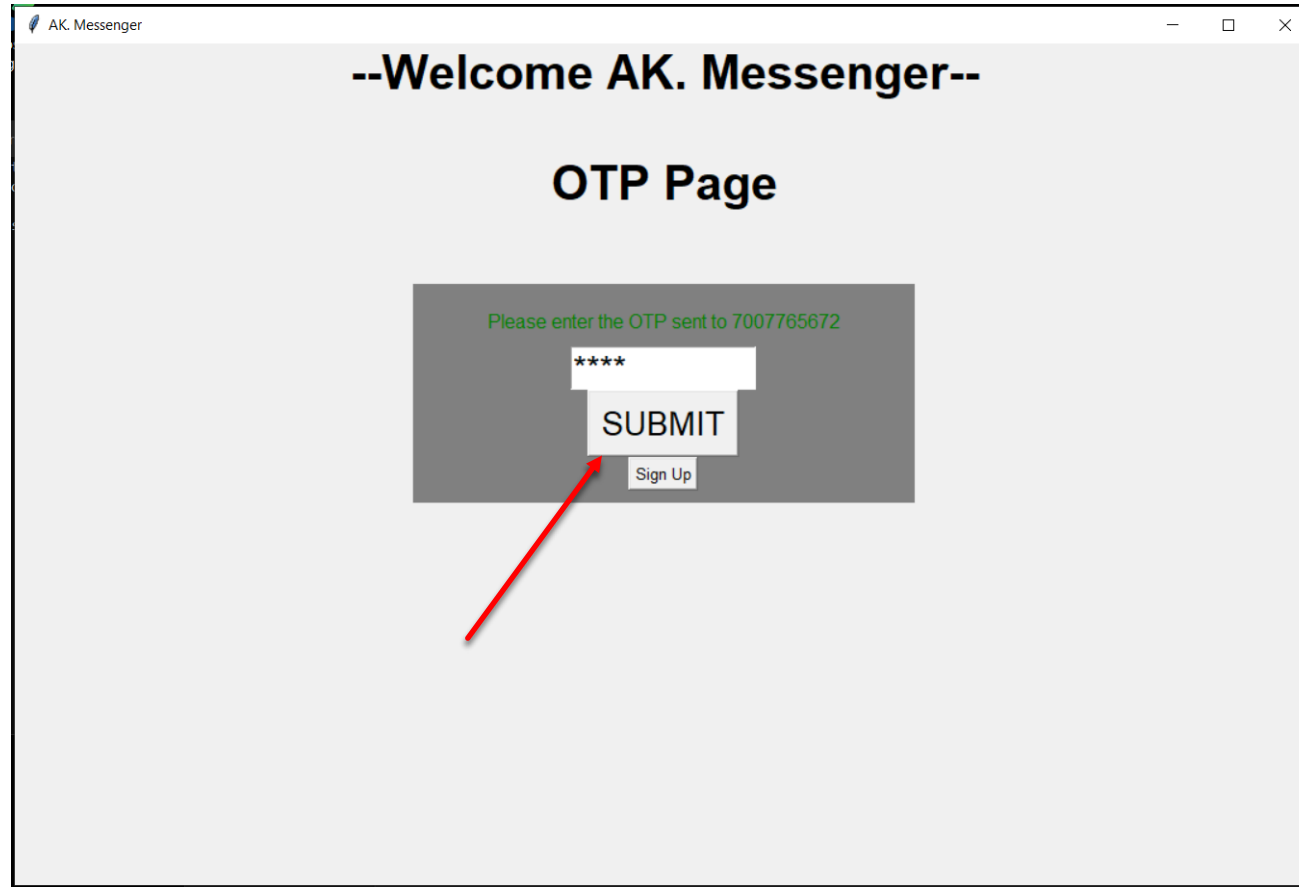
Confirm Password: ****

Next

Log In

OTP VERIFICATION PAGE

- After click 'Next' Fill OTP (OTP sent mobile no.).Then click 'Submit'



The screenshot shows a web browser window titled "AK. Messenger". The page content includes a welcome message, the title "OTP Page", a green instruction text, an OTP input field, a "SUBMIT" button, and a "Sign Up" button. A red arrow points to the "SUBMIT" button.

AK. Messenger

--Welcome AK. Messenger--

OTP Page

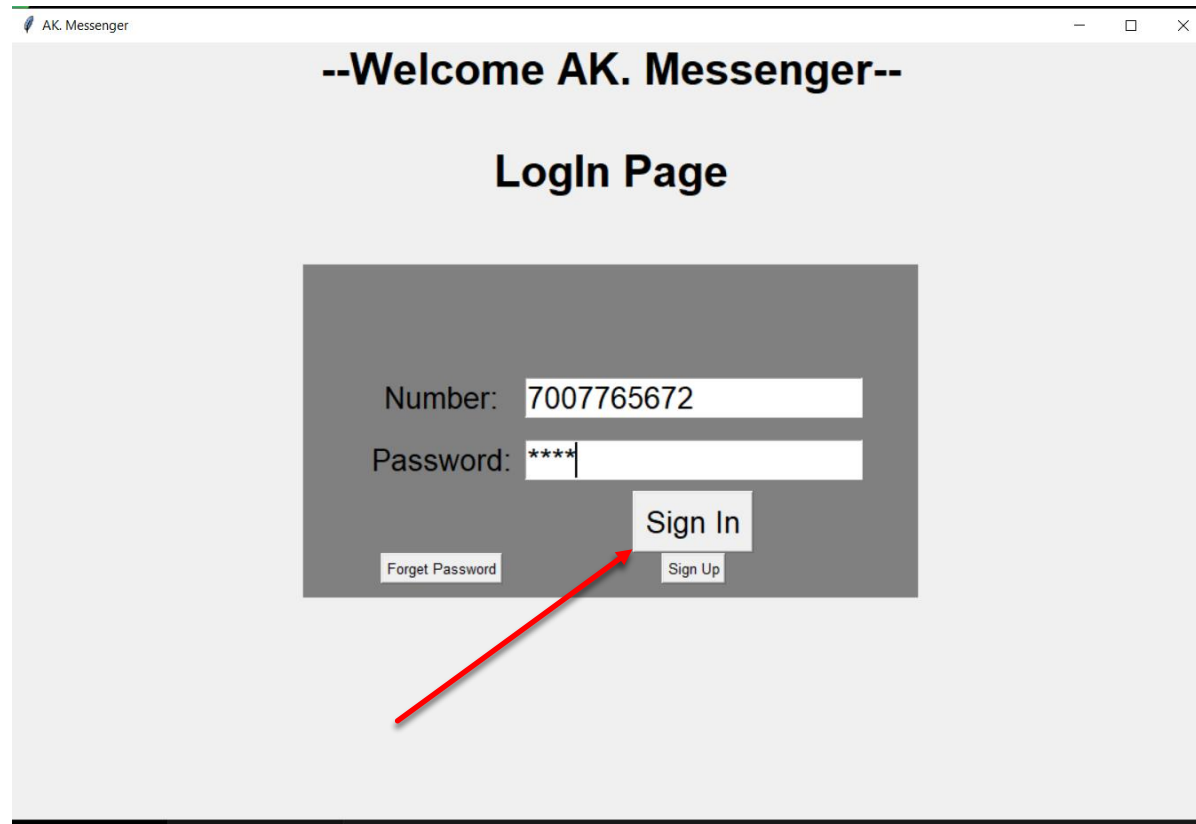
Please enter the OTP sent to 7007765672

SUBMIT

Sign Up

LOGIN PAGE

- After Registration, Open Login Page And Fill Number And Password .Then click 'Sign In'



The screenshot shows a web browser window titled "AK. Messenger". The page content includes a welcome message, a login form with fields for "Number" and "Password", and buttons for "Sign In", "Sign Up", and "Forget Password". A red arrow points to the "Sign In" button.

AK. Messenger

--Welcome AK. Messenger--

LogIn Page

Number: 7007765672

Password: ****

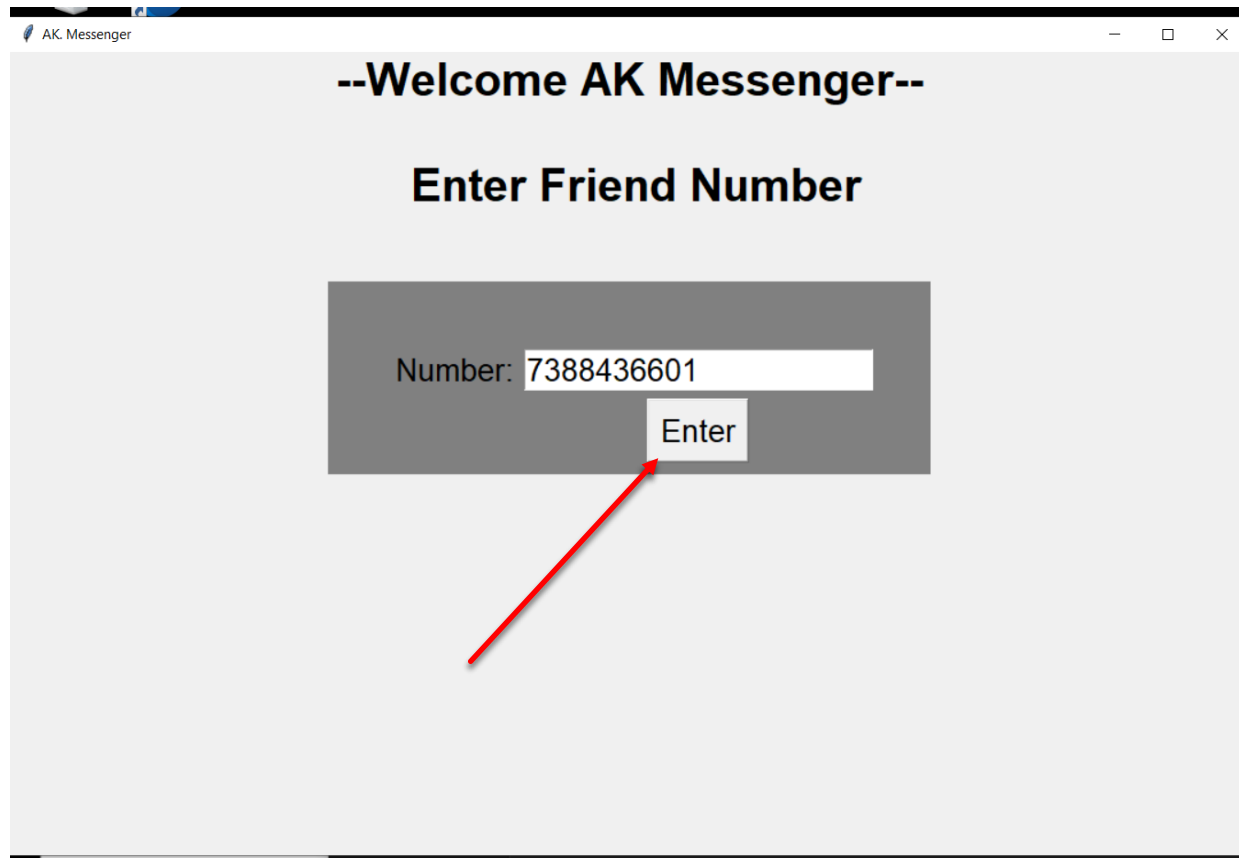
Sign In

Forget Password

Sign Up

ENTER FRIEND NUMBER

- If Number and Password correct then open this page and enter friend number (whom you want to talk)



AK. Messenger

--Welcome AK Messenger--

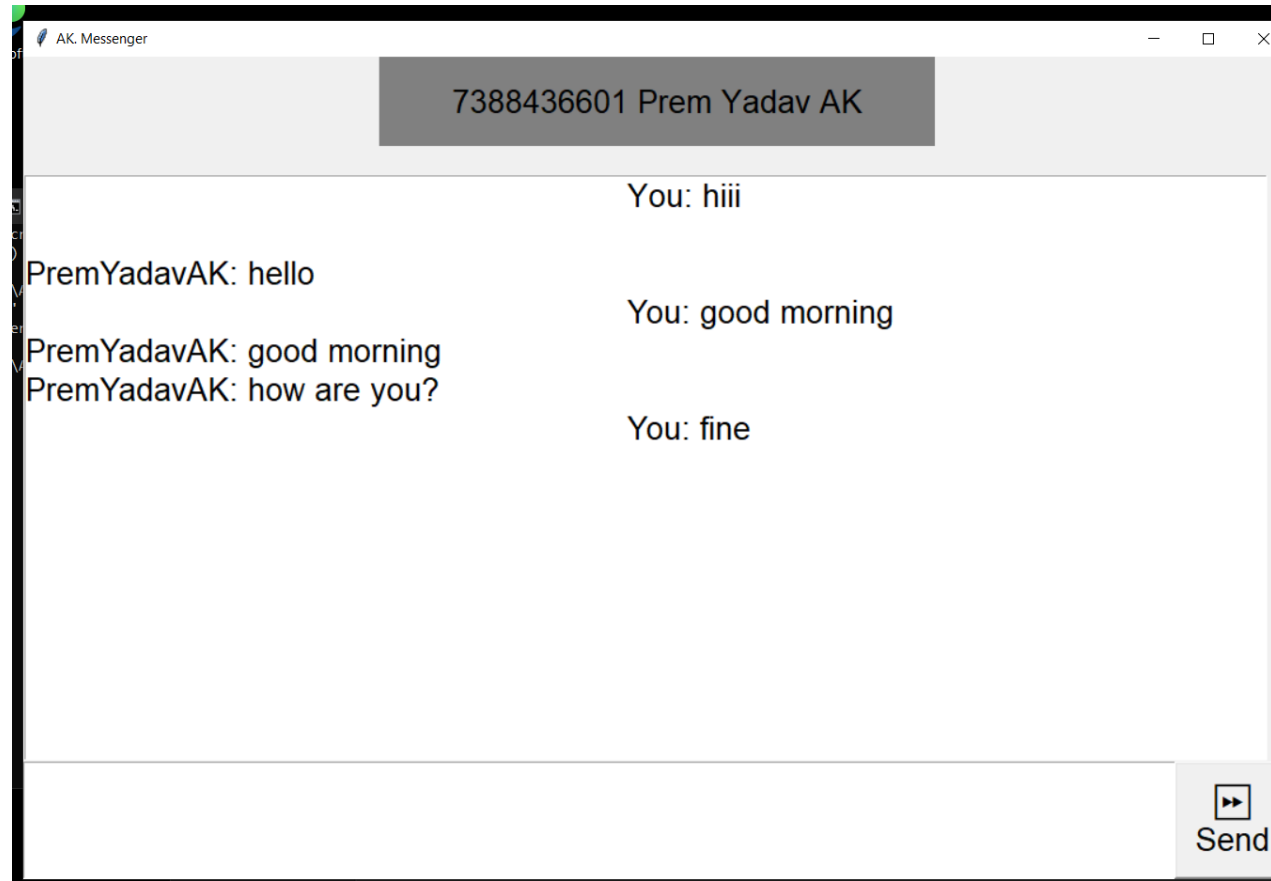
Enter Friend Number

Number:

Enter

CHAT PAGE

- After Click 'Enter' ,Now You can start chatting with friend.



PYTHON LIBRARIES USED

■ TKINTER

- Tkinter library is used for GUI(Graphical User Interface).

■ SOCKET

- This Library is used to make connection client and server page.
- This library gives the client ID.
- From which the data is sent and received.

■ REQUESTS

- Requests module is send HTTP request.
- This module is used to send SMS through SMS API.

■ MYSQL.CONNECTOR

- This library is used to connect python file to database.

■ THREADING

- This module is used for many threads executed simultaneously.
- Threading is used in this project to send and receive messages simultaneously.

■ MULTIPROCESSING

- This module is used for many process executed simultaneously.
- In this project, one server file can be connected to one client apps, when many users want to use this app, then many server files will have to be run simultaneously. for which I have used Multiprocessing module.

HOW TO WORK BACKEND

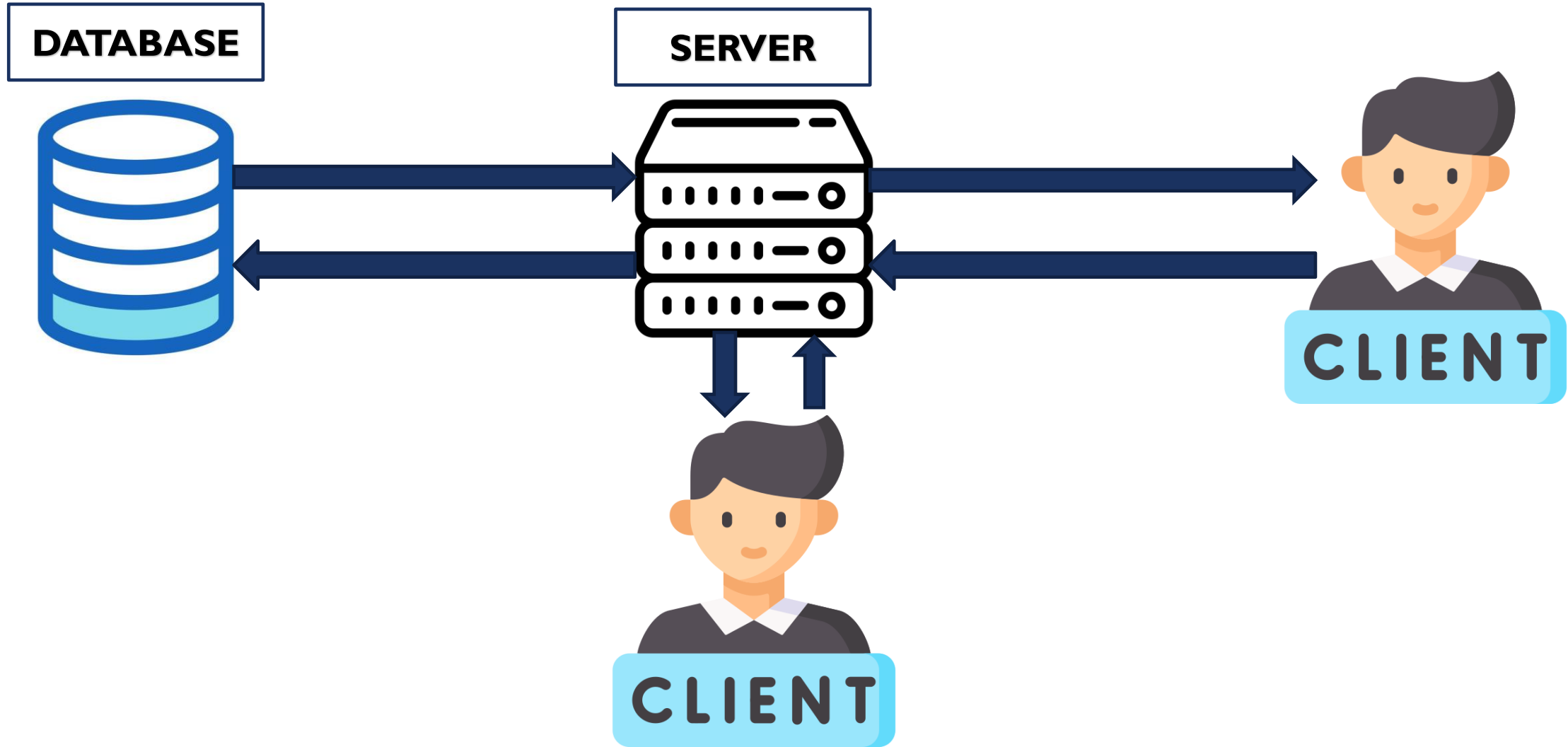
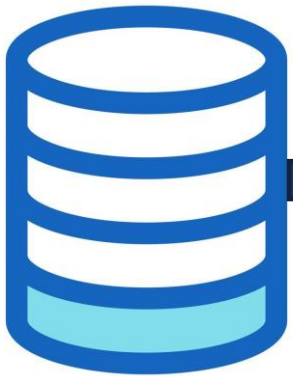


DIAGRAM OF DATABASE

DATABASE

TABLES



USER DETAILS

Tables_in_data
adeshyadav70077656727388436601
premyadavak73884366017007765672
userdetail

```
mysql> select * from userdetail;
```

Number	Name	Password
7007765672	Adesh Yadav	1111
7388436601	Prem Yadav AK	1111

7007765672 CHAT WITH 7388436601

```
mysql> select * from adeshyadav70077656727388436601;
```

Chat	Number
You: hiii	1
PremYadavAK: hello	2
You: good morning	3
PremYadavAK: good morning	4
PremYadavAK: how are you?	5
You: fine	6

7388436601 CHAT WITH 7007765672

```
mysql> select * from premyadavak73884366017007765672;
```

Chat	Number
AdeshYadav: hiii	1
You: hello	2
AdeshYadav: good morning	3
You: good morning	4
You: how are you?	5
AdeshYadav: fine	6

6 rows in set (0.00 sec)

FUTURE PLANS

- Increasing the effectiveness of the application by providing Voice chat and a lot of feature which is present WhatsApp.
- Extending it to web Support.
- Extending the feature like meeting app

CONCLUSION

- Overall, AK Messenger app is a great way to stay connected with friends and family.
- It is very easy to use.
- This App is very useful for the business persons and other large companies too. Because every person and every company will use software, no issue data leak and handle database self.
- It software follow Indian guidelines.



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