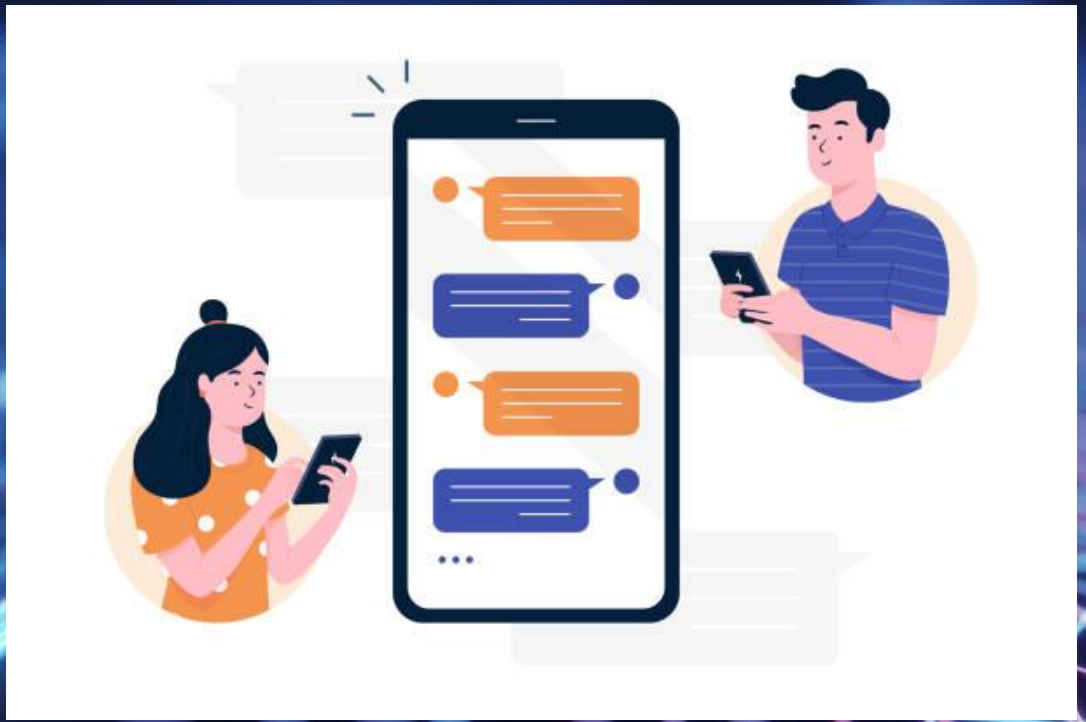


AK MESSENGER

BY:

ADESH YADAV

OUTLINES-

- Introduction
- Reason To choose
- How To use ?
  - Registration
  - OTP Verification Page
  - Login Page
  - Enter Friend Number
  - Chat Page

- Python Libraries Used
- How To work backend ?
- Diagram of Database
- Future plans
- Conclusion

INTRODUCTION

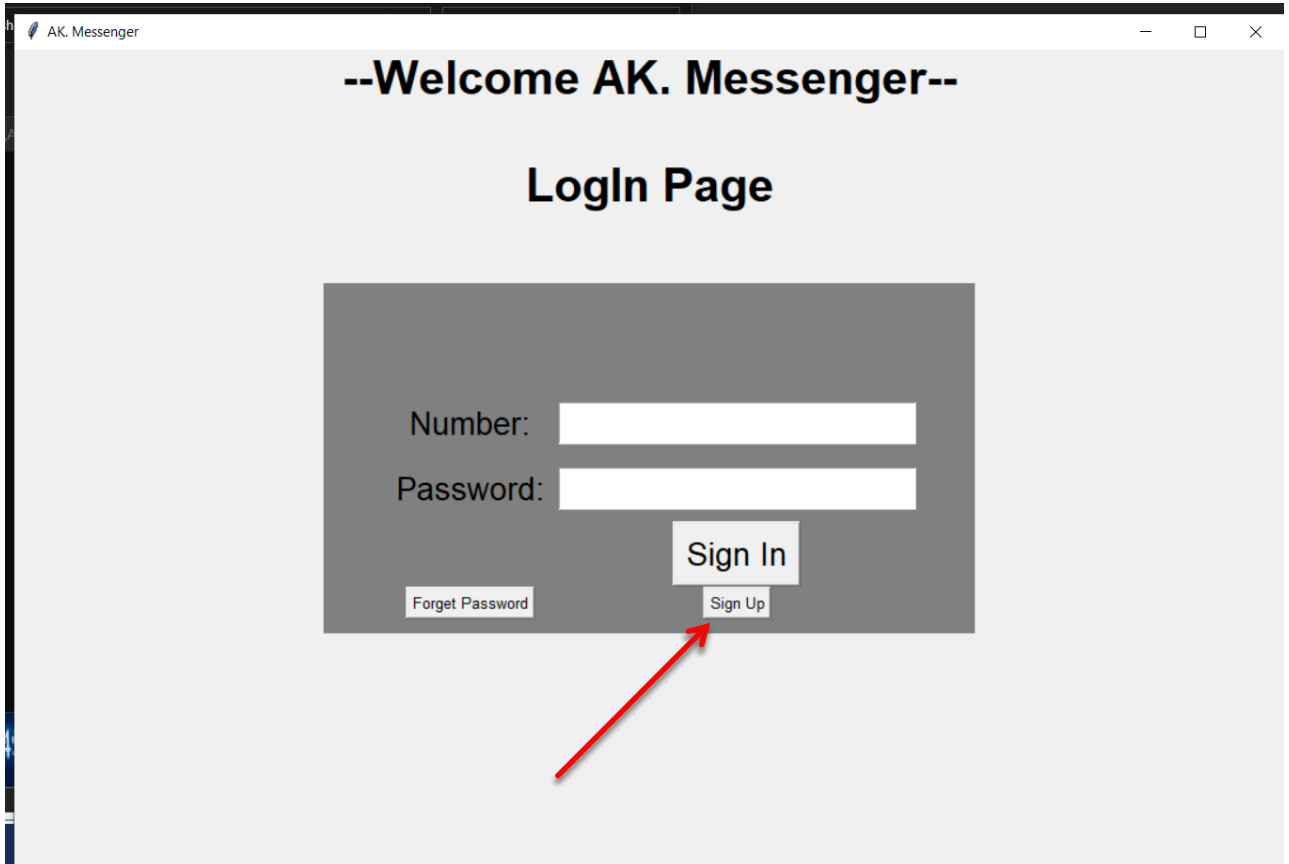
- Using AK Messenger, you can talk via text messages between two or more people.
- This Messenger is easy to use for everyone.
- AK Messenger is based on client server architecture and multiprocessing.
- The Messenger app is built in Python programming Language.

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.

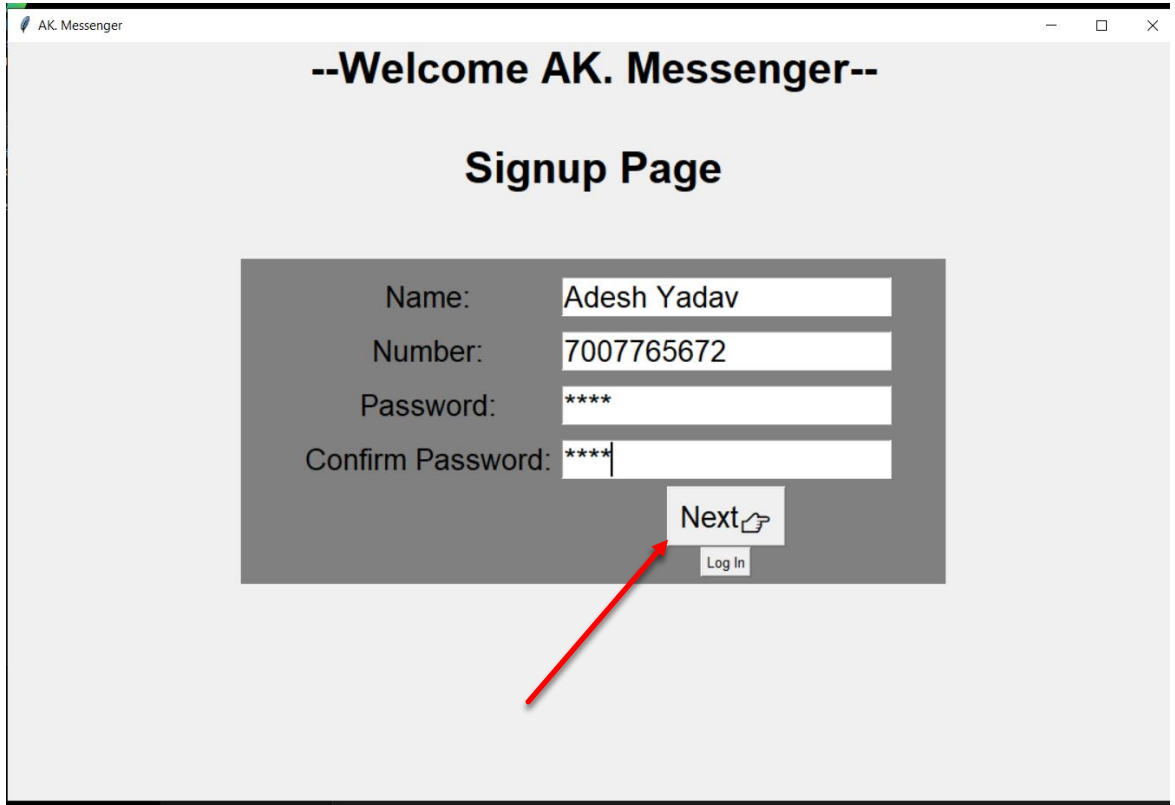
HOW TO USE ?

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



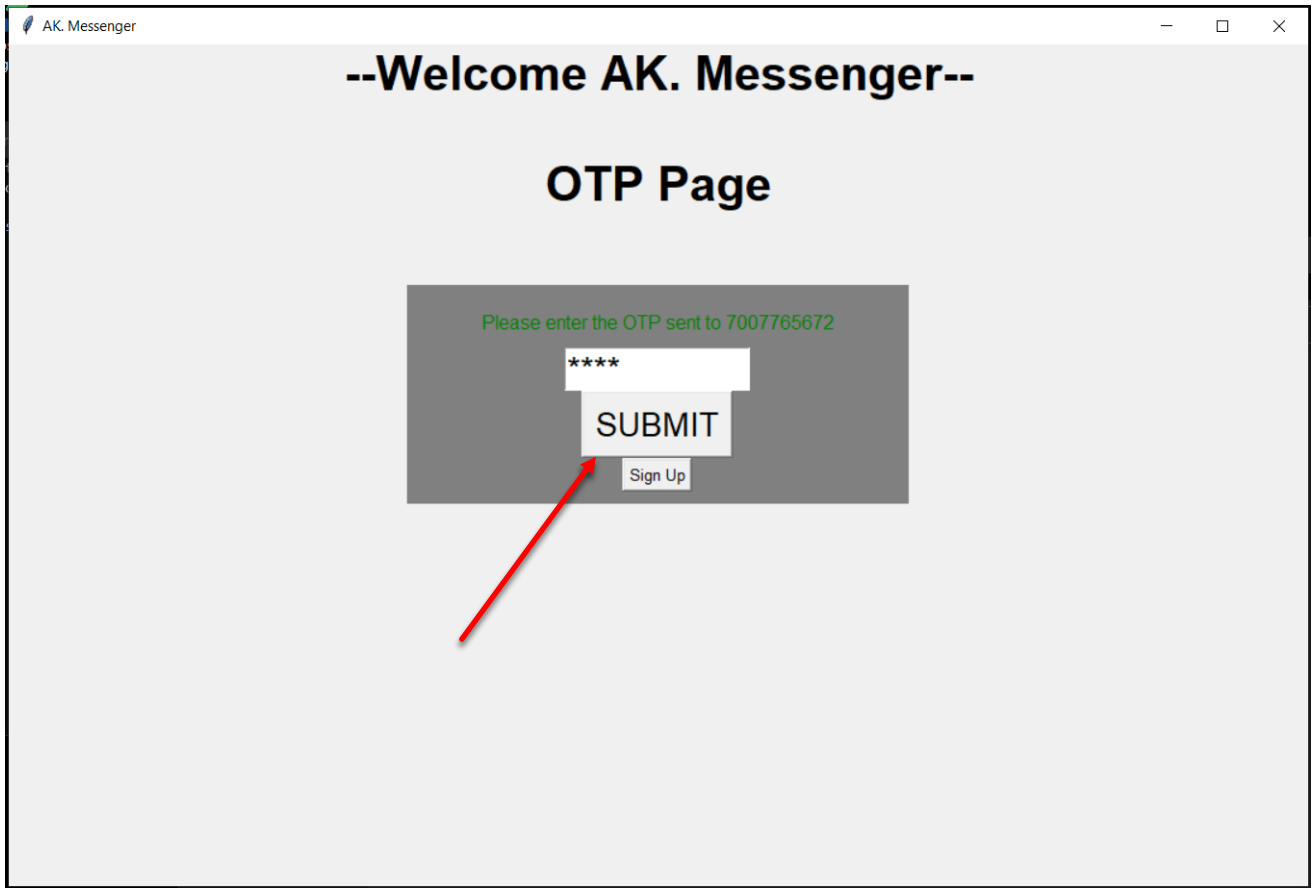
REGISTRATION

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



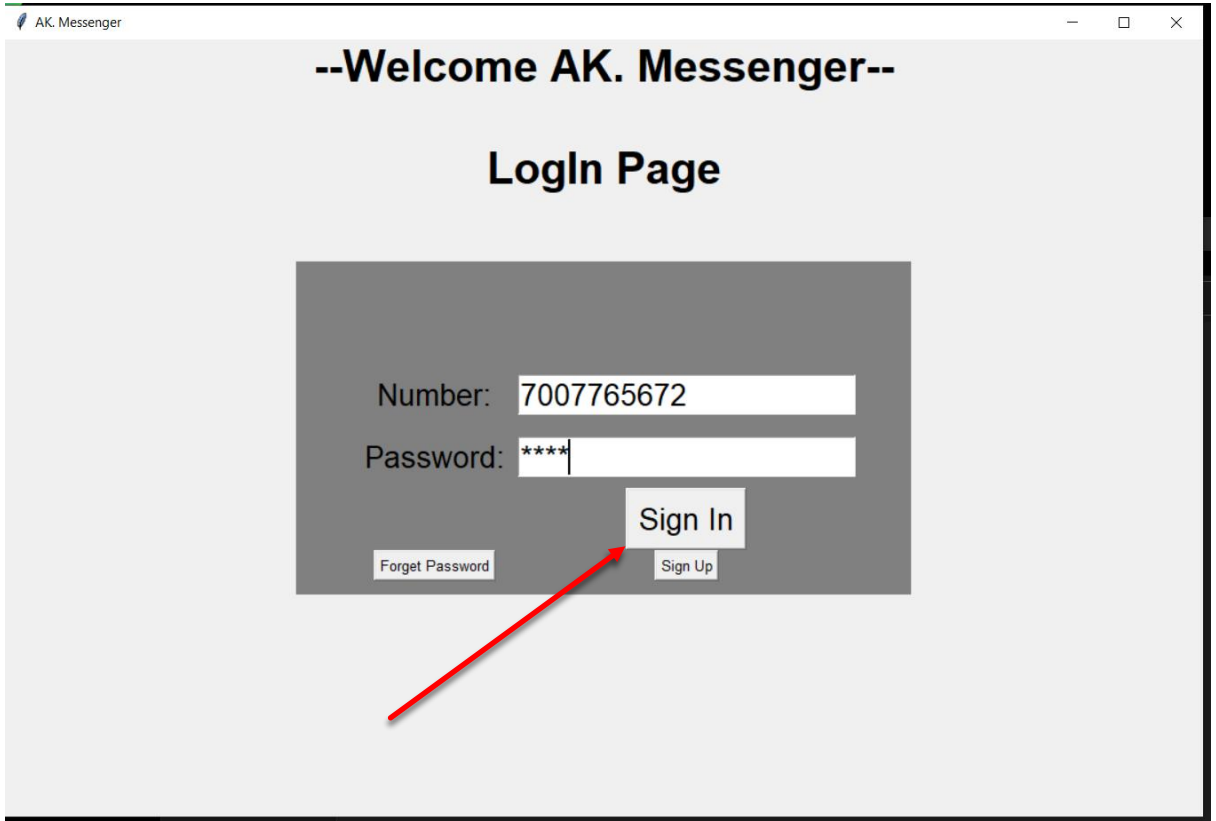
OTP Verification Page

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



LOGIN PAGE

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

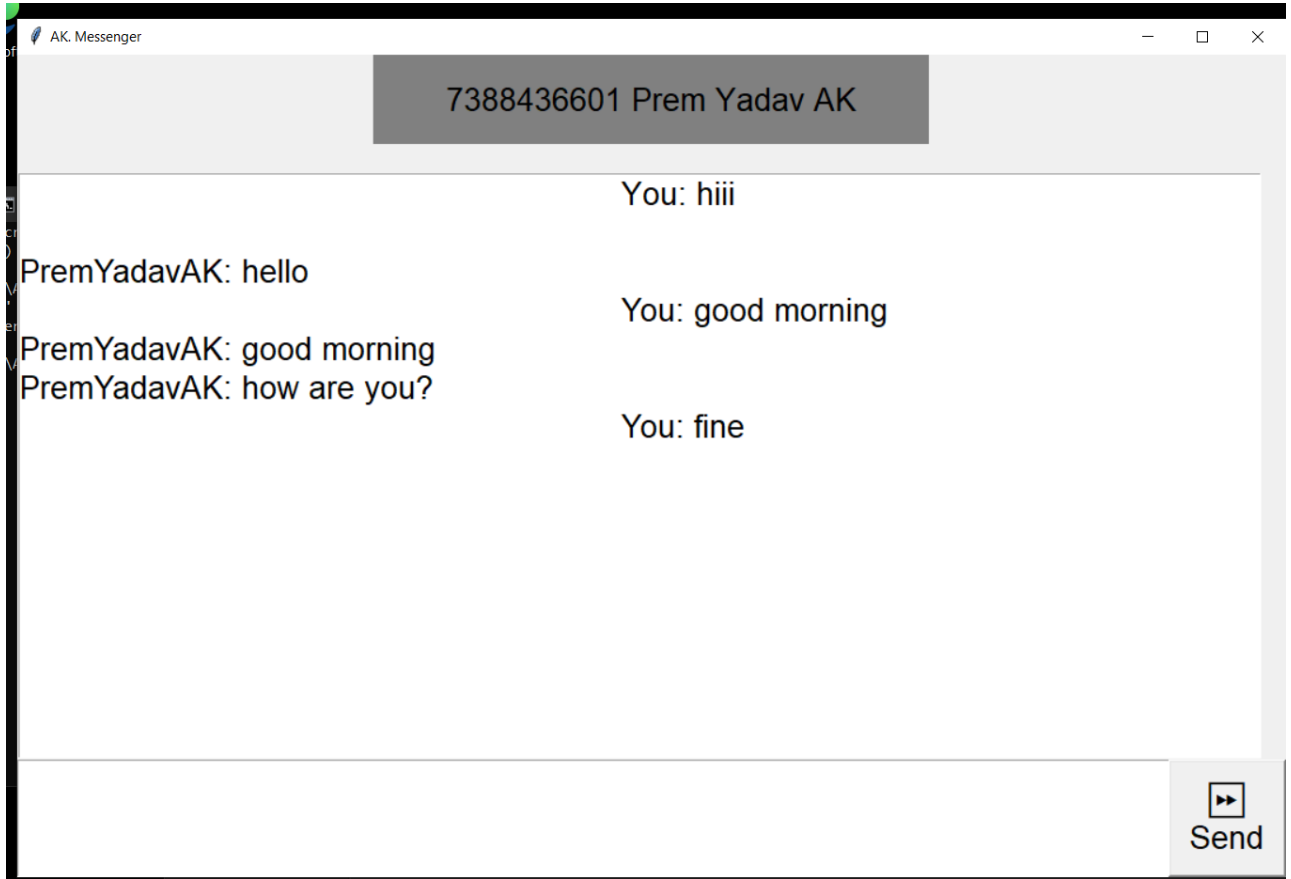


ENTER FRIEND NUMBER

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

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

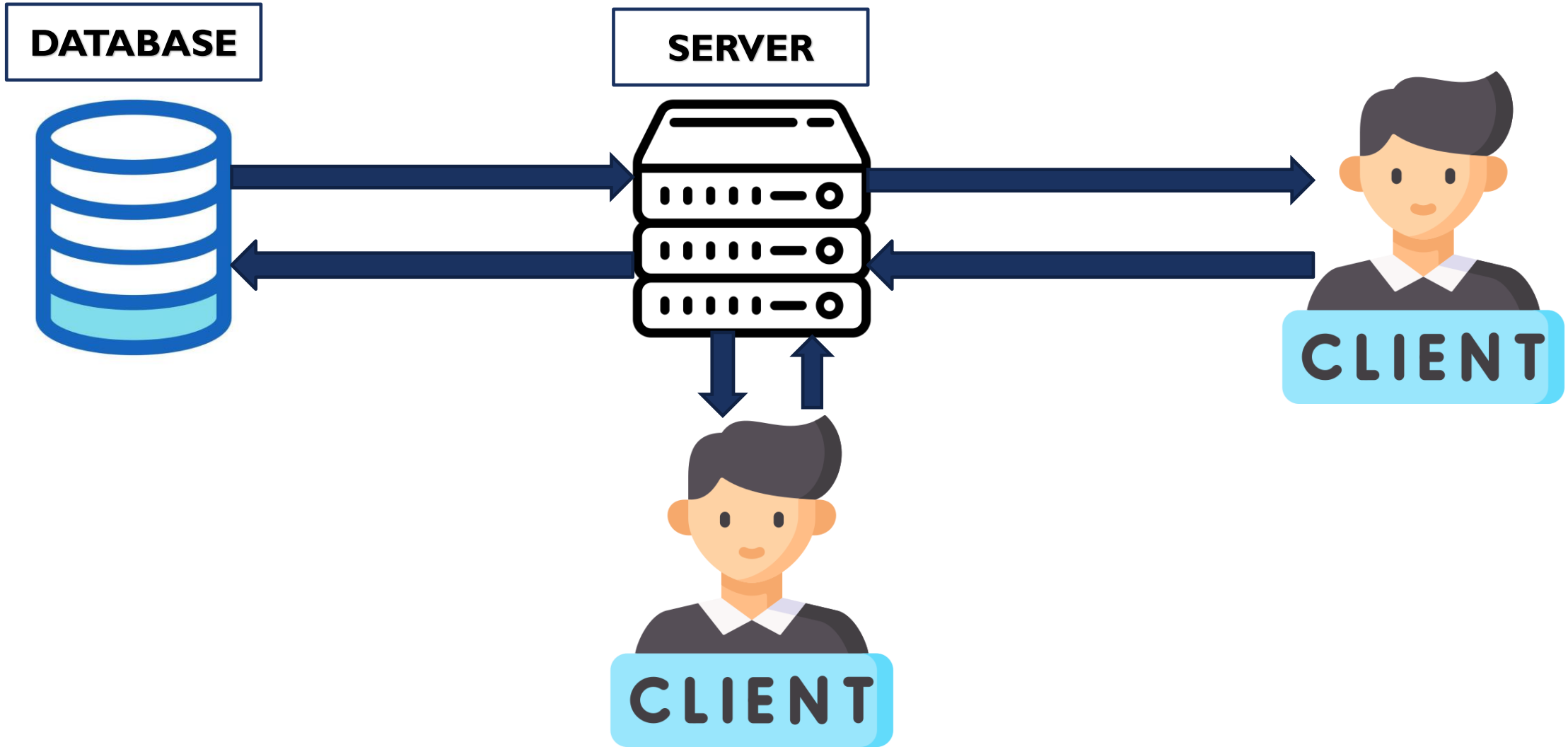


DIAGRAM OF DATABASE

DATABASE

TABLES

```
+----------------------------------+
| Tables_in_data                   |
+----------------------------------+
| adeshyadav70077656727388436601   |
| premyadavak738843660170077656 72 |
| userdetail                       |
+----------------------------------+
```

USER DETAILS

```
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  premyadavak738843660170077656 72;
+--------------------------+--------+
| 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 Apps 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.

Thank you
so much
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