" THE INSTANT MESSENGER "

PROJECT REPORT

To

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By

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ACKNOWLEDGEMENTS

This is to certify that the project which was assigned to us has been successfully completed under the supervision and guidance of ***Prof. R. Nandhini*** mam, without which this project couldn't be completed. We wholeheartedly thank her for her great support and clarifications on the subject.

We are also grateful to our friends who also supported us and motivated through while making this project

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Introduction:-

It is a simple client-server based model. From our android device, we will be able to send a message to a server. Other clients connected to that server will be able to read our msg. Again they can send message to server, which will be displayed in our android device. Technically, it is a type of online chat that offers real-time text transmission over the Internet. Short messages are typically transmitted bi-directionally between two parties, when each user chooses to complete a thought and select "send". It uses push technology to provide real-time text, which transmits messages character by character, as they are composed. Instant messaging is a set of communication technologies used for text-based communication between two or more participants over the Internet or other types of networks.

It allows effective and efficient communication, allowing immediate receipt of acknowledgment or reply. However it is basically not necessarily supported by transaction control.

It is usually possible to save a text conversation for later reference. It is logged in a local message history, making it similar to the persistent nature of emails.

Modules:-

Sign Up :- To create the account of the user where user has to enter his name, e-mail, Username, date of birth, gender, phone no., password, etc.

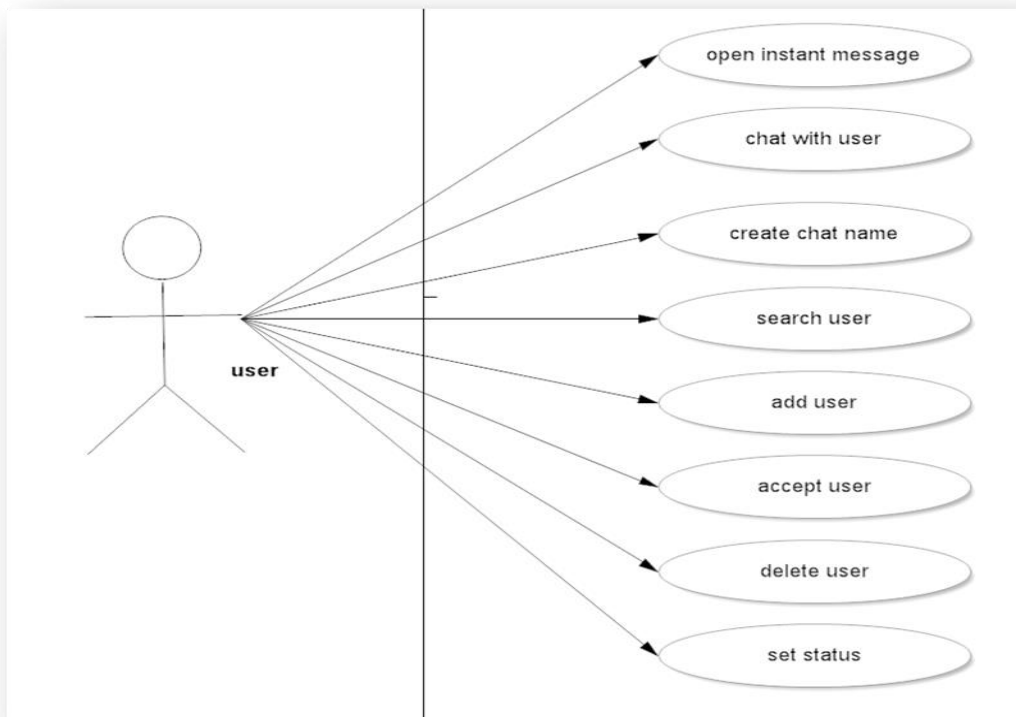**Sign In :-** To log in into the system where the fields to be entered are Username and Password.

Settings :- To change the credentials of the User by changing any of the fields provided earlier.

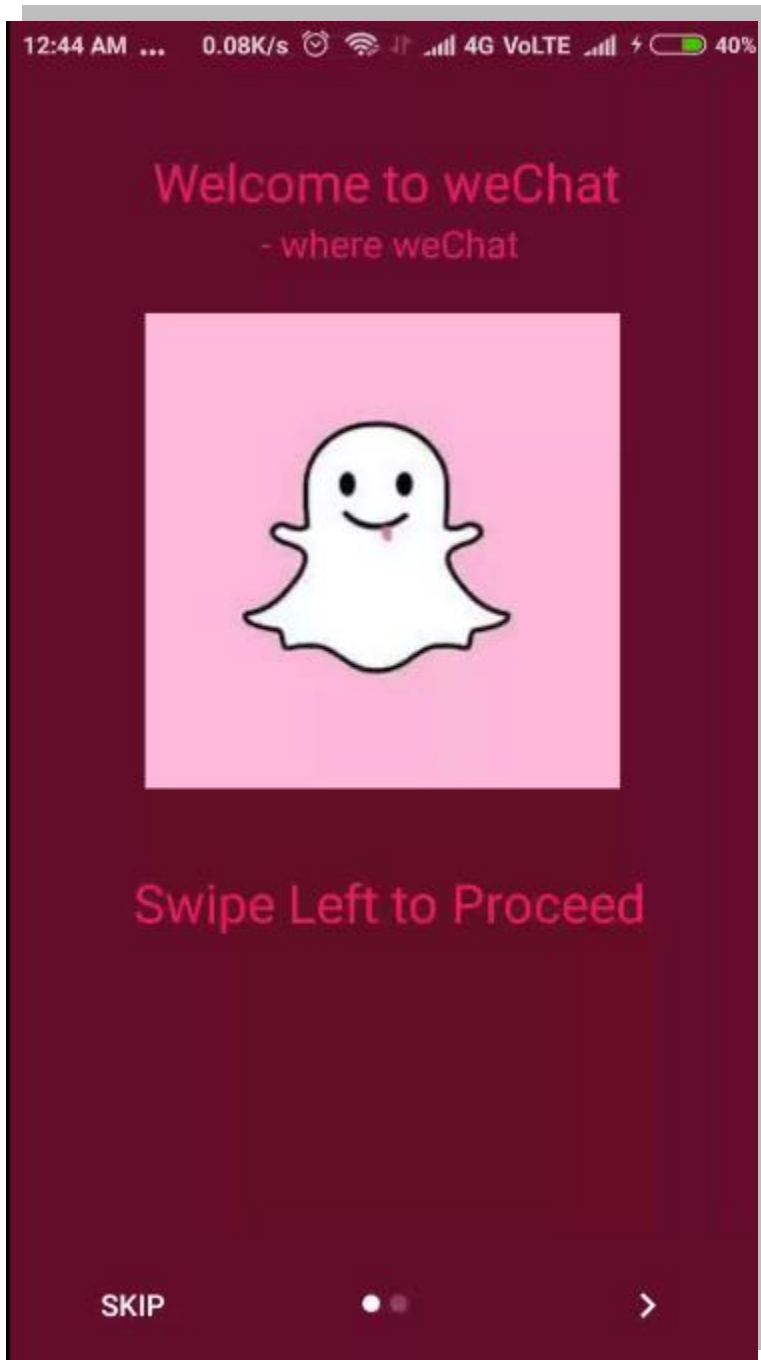**Chat Window :-** Align the text messages sent and received in the an ascending order of date and time.

Application Programming Interface (API) :-

API 14 Android 4.0 IceCreamSandwich

Use Case :-

Screenshots:

weChat

SIGN UP

SIGN IN

Terms And Conditions

weChat

Terms And Conditions

important disclosures about how you can use weChat to share with others and how we collect and can use your content and information.

2) We encourage you to read the Data Policy, and to use it to help you make informed decisions.

3) You own all of the content and information you post on Facebook, and you can control how it is shared through your privacy and application settings.

4) We currently provide our mobile services for free, but please be aware that your carrier's normal rates and fees, such as text messaging and data charges, will still apply.+

5) If you make a payment on Facebook, you agree to our Payments Terms unless it is stated that other terms apply.

6) If you are a developer or operator of a Platform application or website or if you use
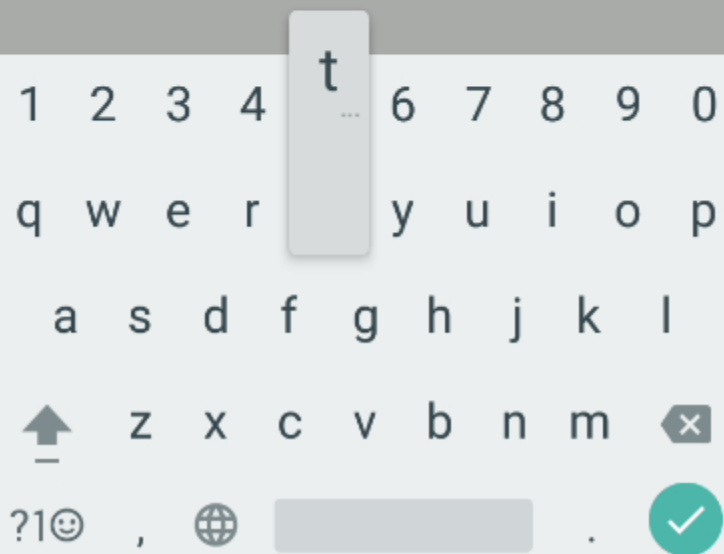
weChat

SIGN UP

UserName

Password

Email

Phone Number

SIGN UP

SIGN IN

tester@gmail.com

••s

weChat ⋮

Virat
8911229634

Rahul
8860111336

Saksham
9078267892

Tester
9790723378

Adarsh
9790723311

weChat ⋮

hey 😁😁😁😁

how are you 😊😊😊

what about | **SEND**

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References

- ➢ Wikipedia
- ➢ Google Android Developers
- ➢ Stack Overflow
- ➢ UdaCity Android Lectures
- ➢ The Android Book – Imagine Publishing