

DSN-2098

Project Exhibition

Group 222



MEET OUR TEAM

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PROBLEM STATEMENT

Chat applications have become a popular way to connect people. Chat applications range from simple, text-based ones to complex ones. In this project we are trying to implement a simple text-based chat client/server application, which will be able to send images.



HTML

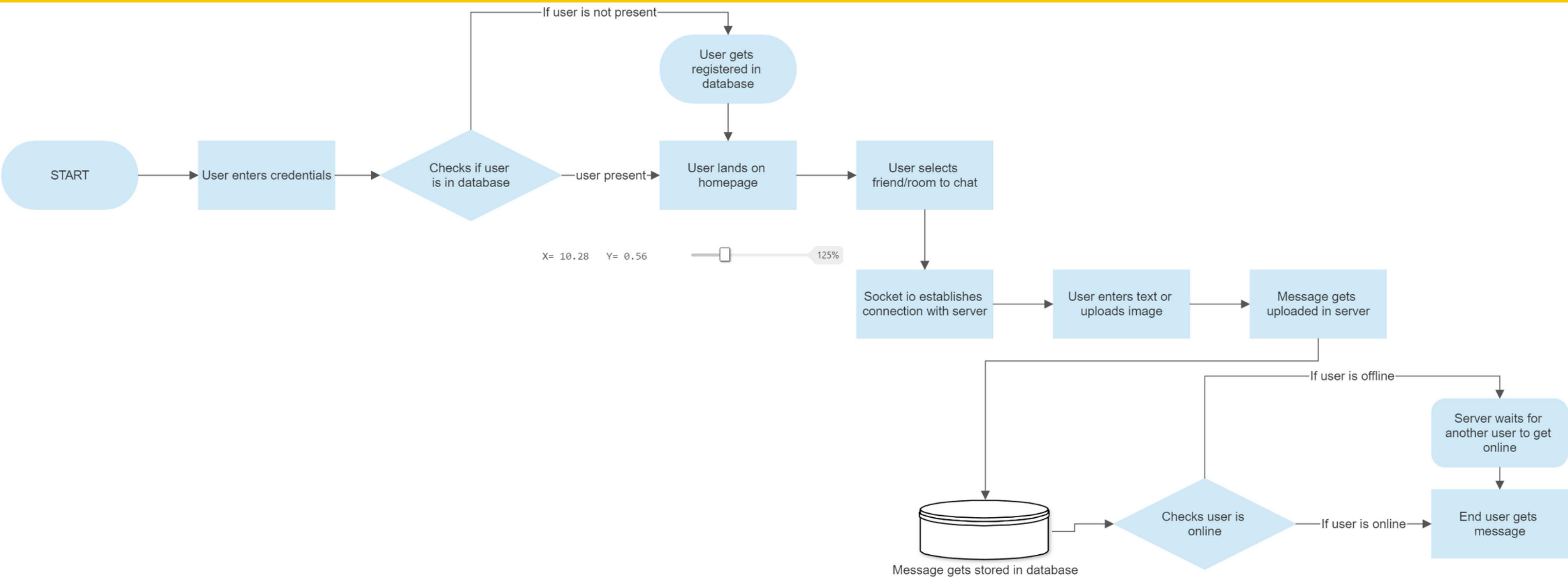


CSS



JAVASCRIPT

FLOWCHART OF APPLICATION





FRONT END MODULE SPLITUP



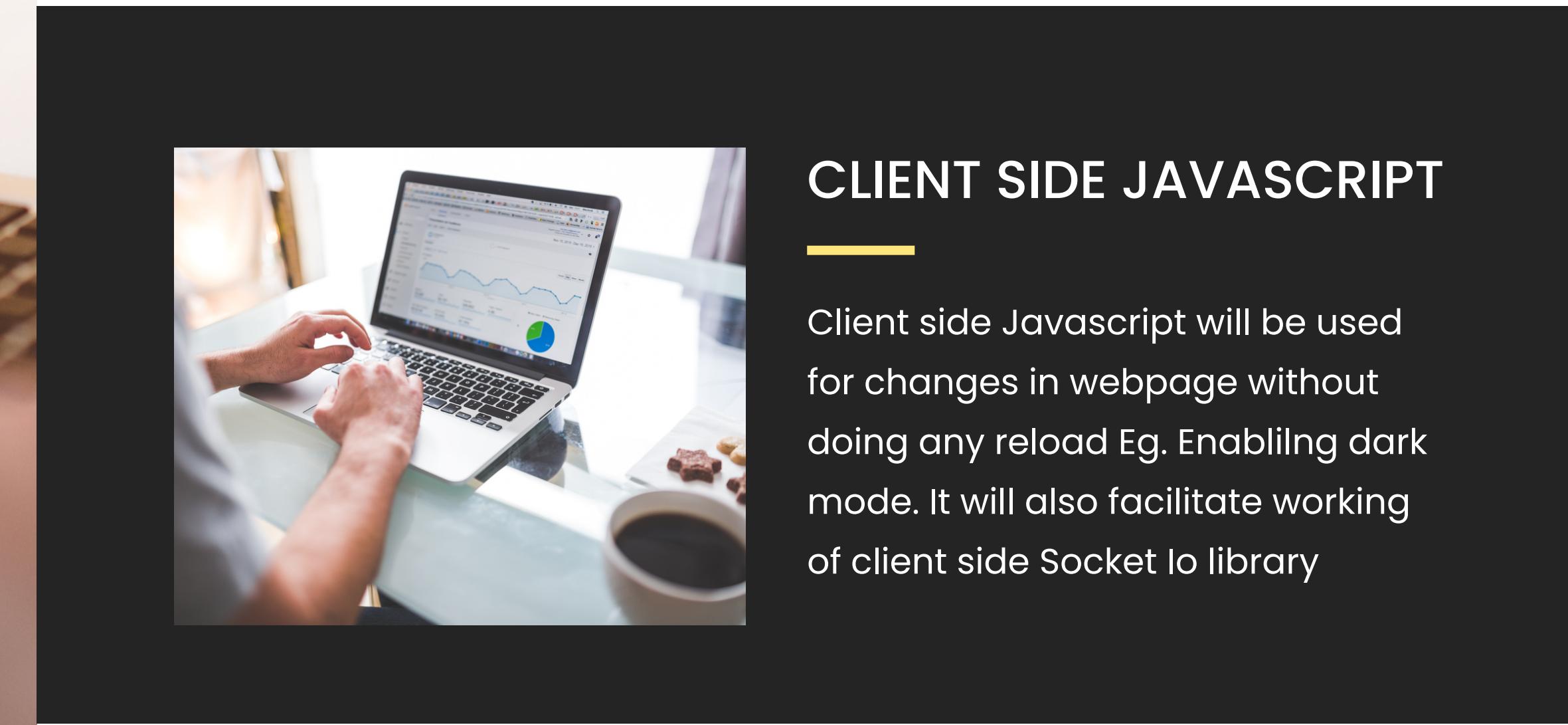
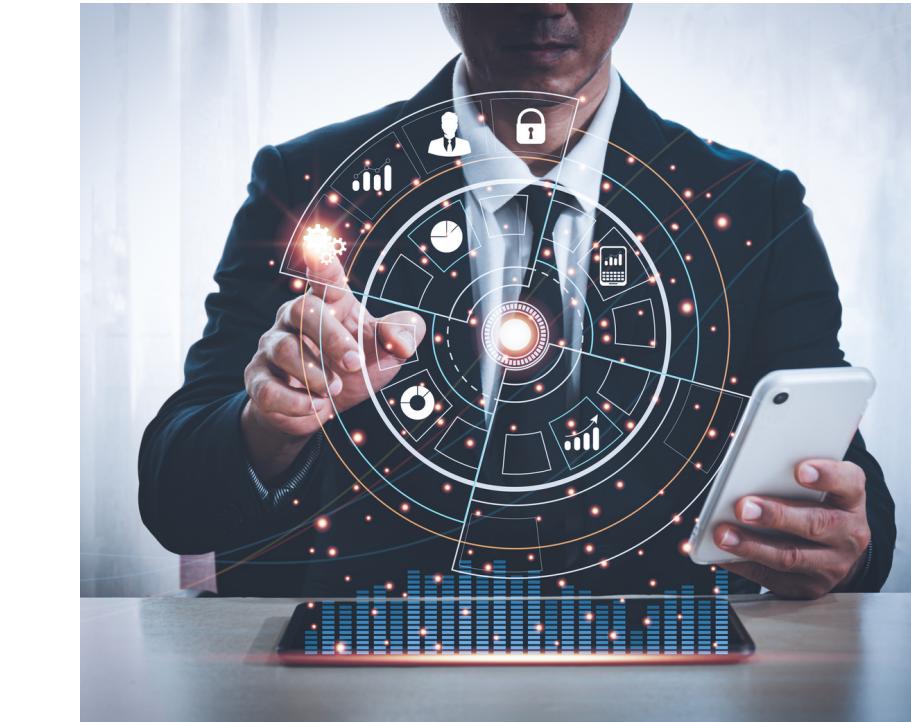
HTML

HTML stands for Hyper Text Markup Language, which is the most widely used language on Web to develop web pages, it will work as barebones of our web app



CSS

Cascading Style Sheets (css) is a stylesheet language it will be used to enhance visual appeal of basic HTML elements



CLIENT SIDE JAVASCRIPT

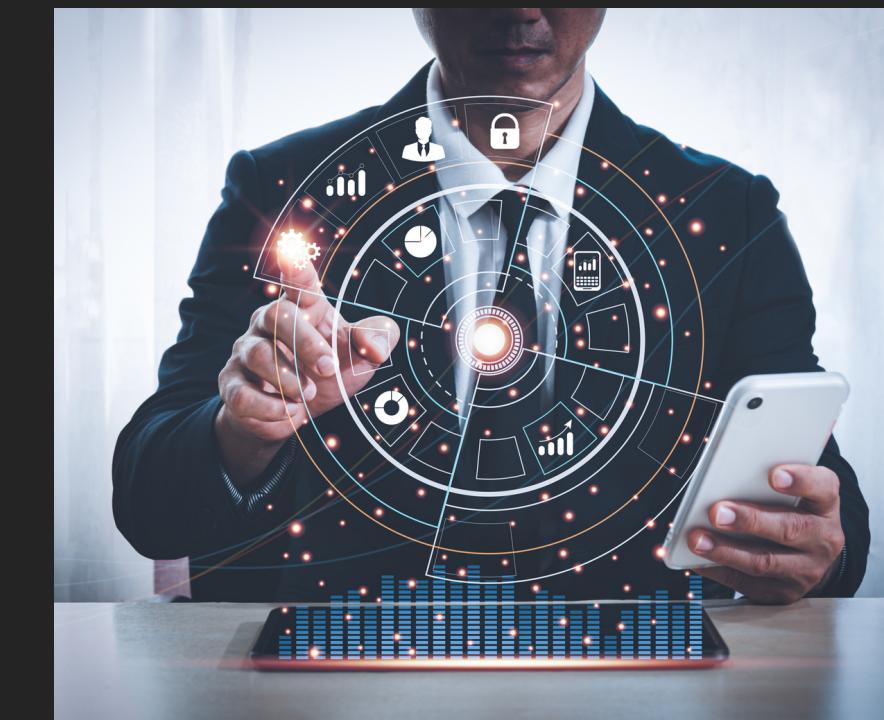
Client side Javascript will be used for changes in webpage without doing any reload Eg. Enabling dark mode. It will also facilitate working of client side Socket Io library



BACKEND MODULE SPLITUP

DATABASE

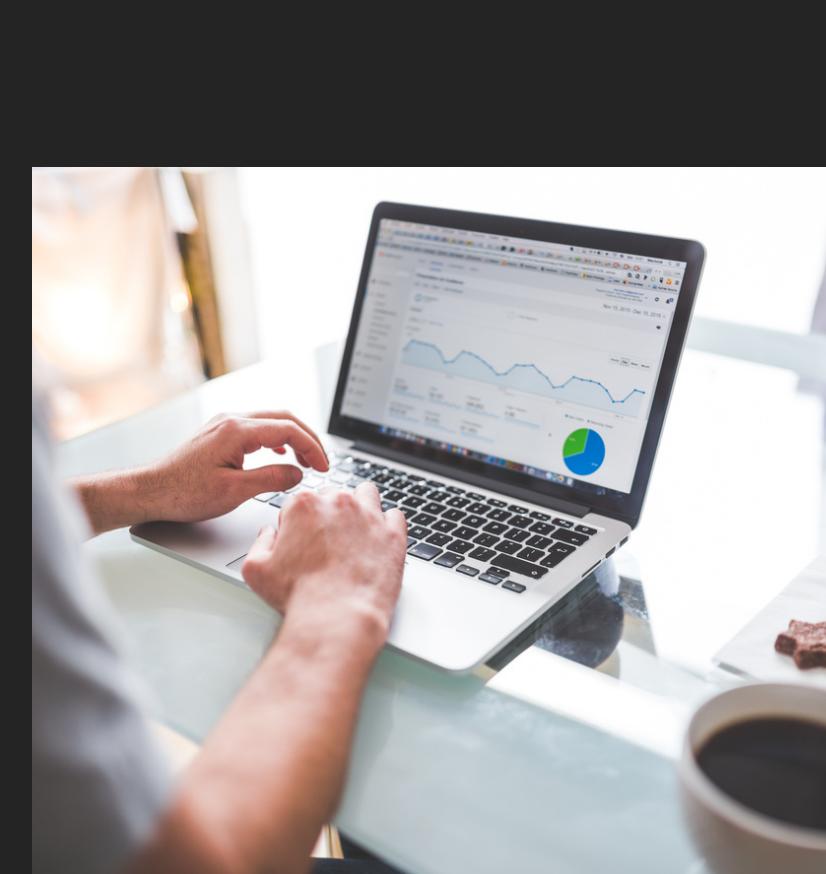
MySQL is a widely used relational database management system (RDBMS). It is free and open-source. MySQL is ideal for both small and large applications, it will be used to store messages sent by users





NODE JS (BACKEND JS)

Node.js is an open-source, cross-platform, back-end JavaScript runtime environment that runs on the V8 engine and executes JavaScript code outside a web browser, it will be used to program logic of app



SOCKET.IO

Socket.IO enables real-time bidirectional event-based communication. It works on every platform, browser or device, It is built on top of the WebSockets API and Node.js.

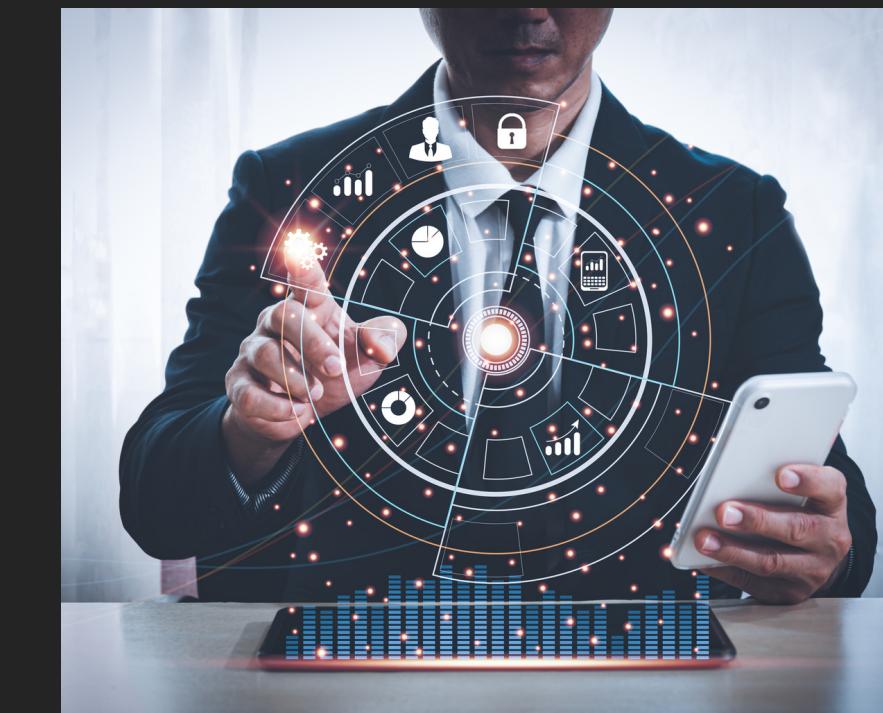


MYSQL

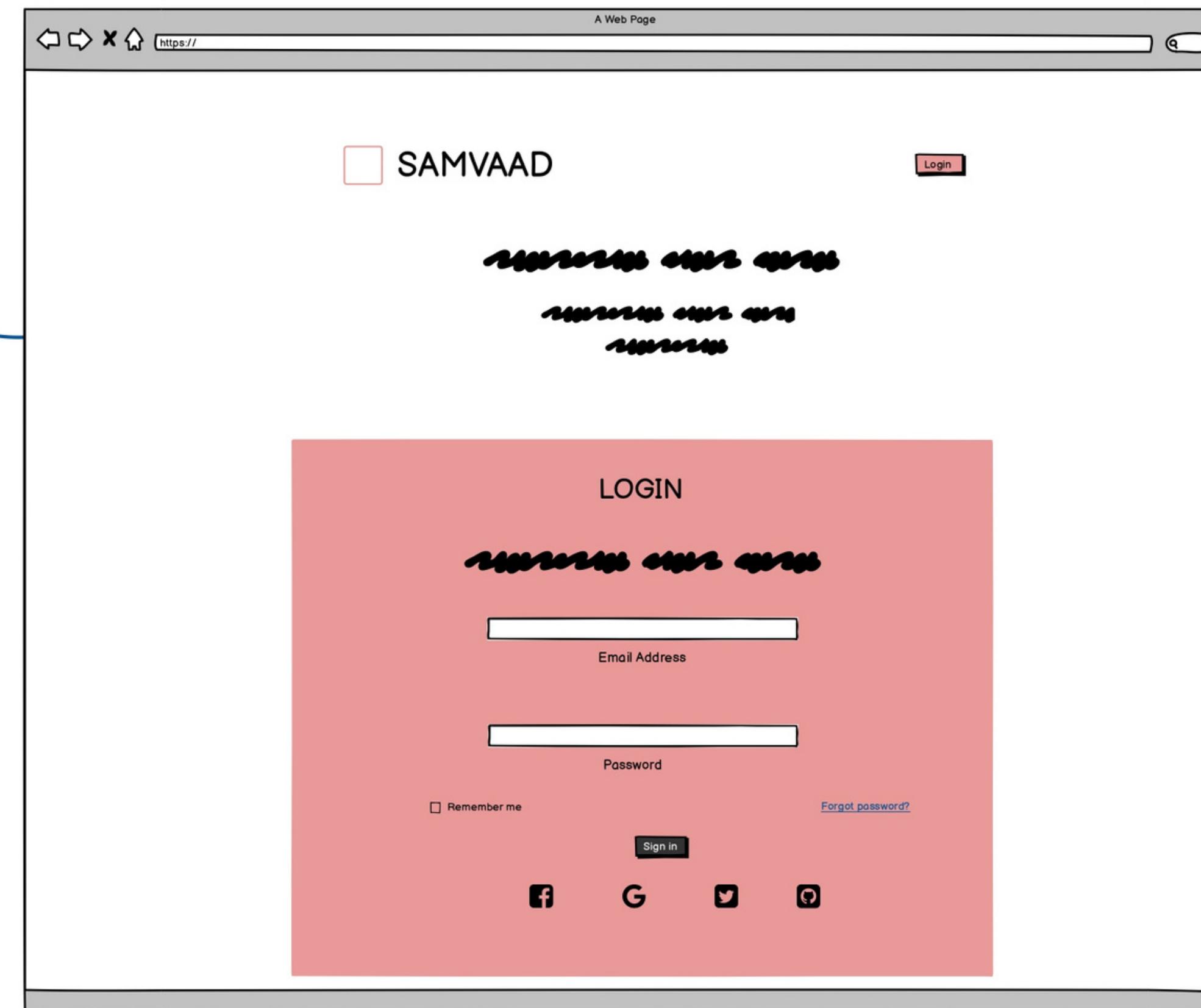
MySQL is a widely used relational database management system (RDBMS). It is free and open-source. MySQL is ideal for both small and large applications.

HTTP PROTOCOL

HTTP is a protocol for fetching resources such as HTML documents. It is the foundation of any data exchange on the Web and it is a client-server protocol.



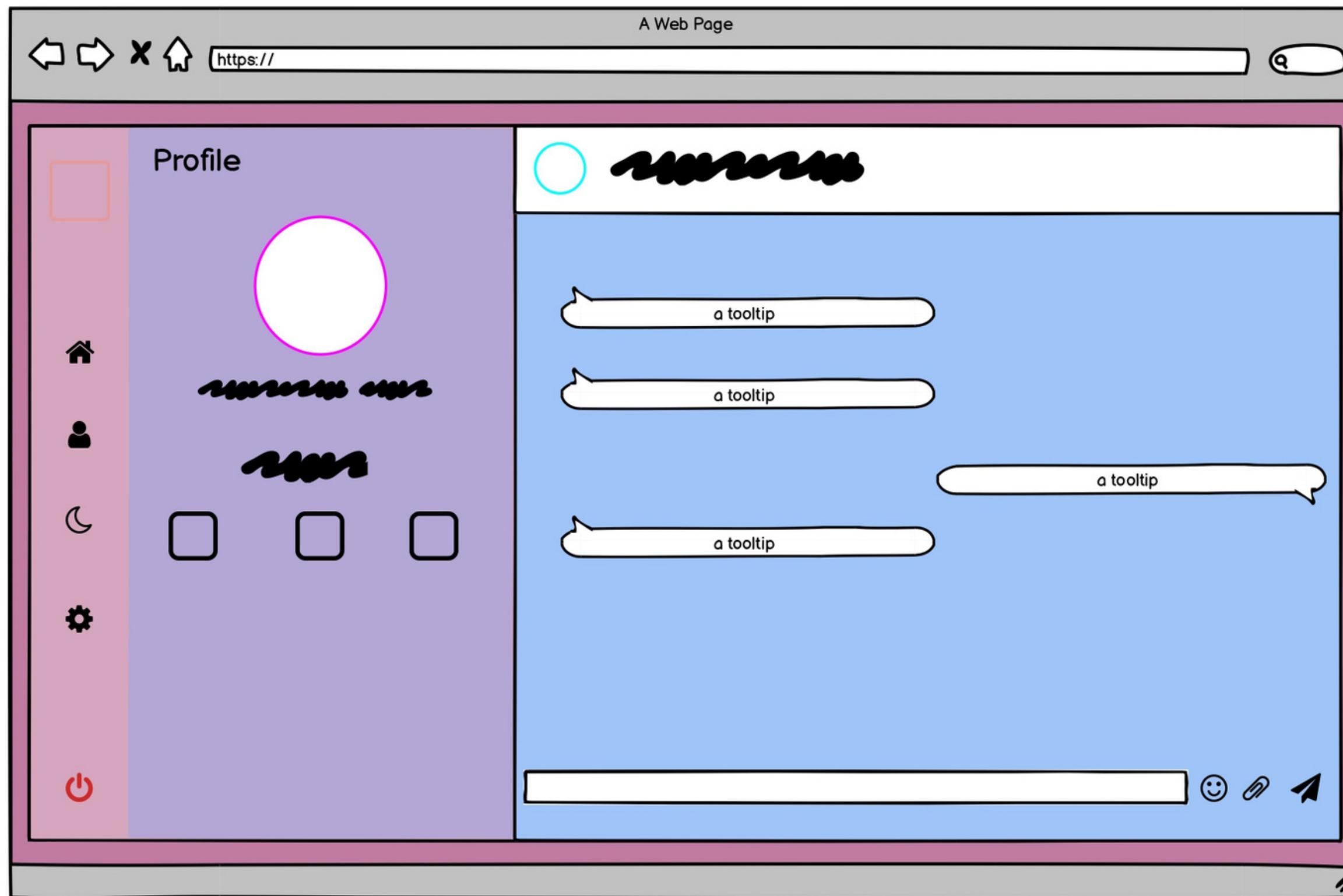
LOGIN PAGE WIREFRAME



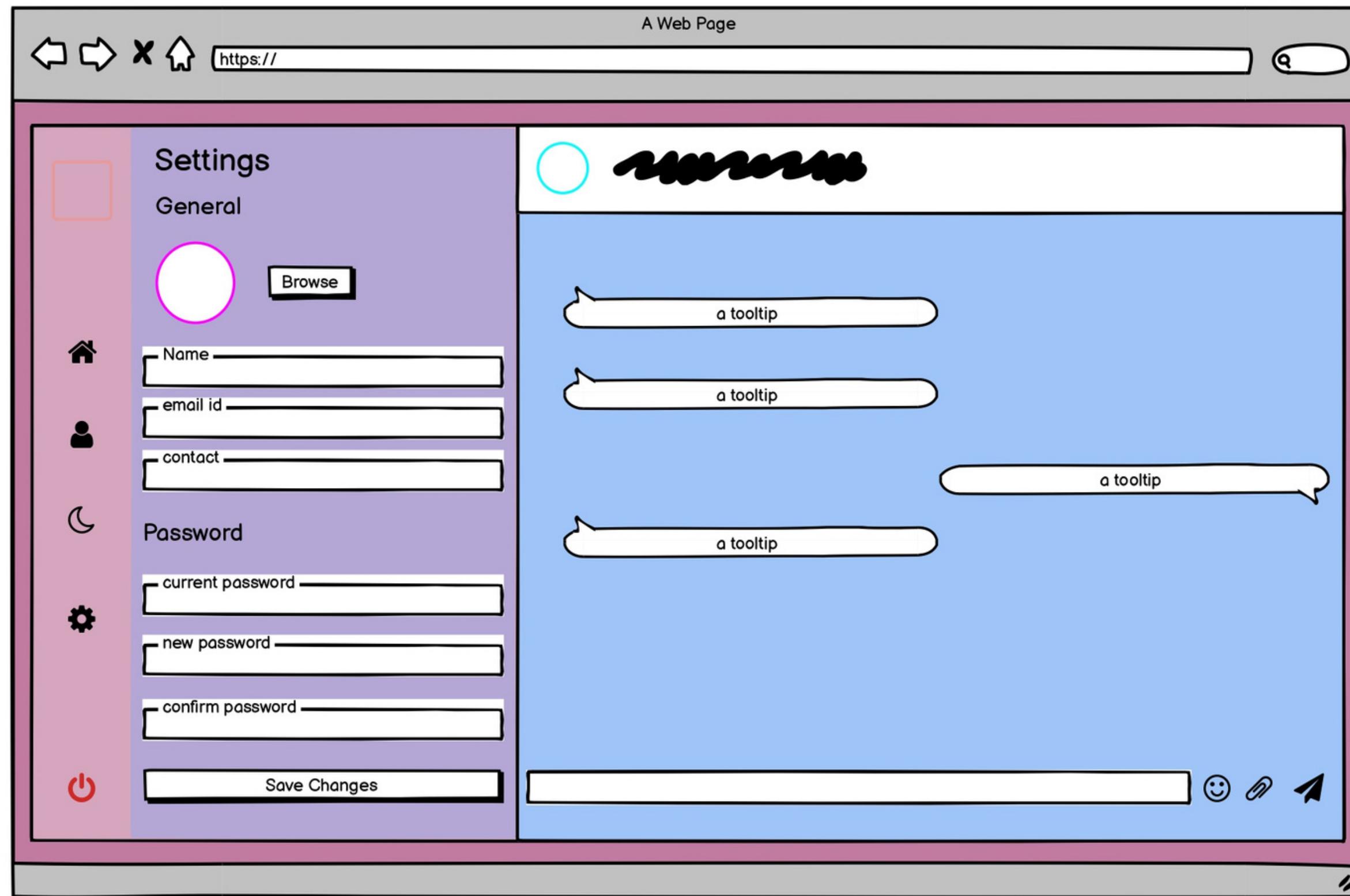
HOME PAGE WIREFRAME



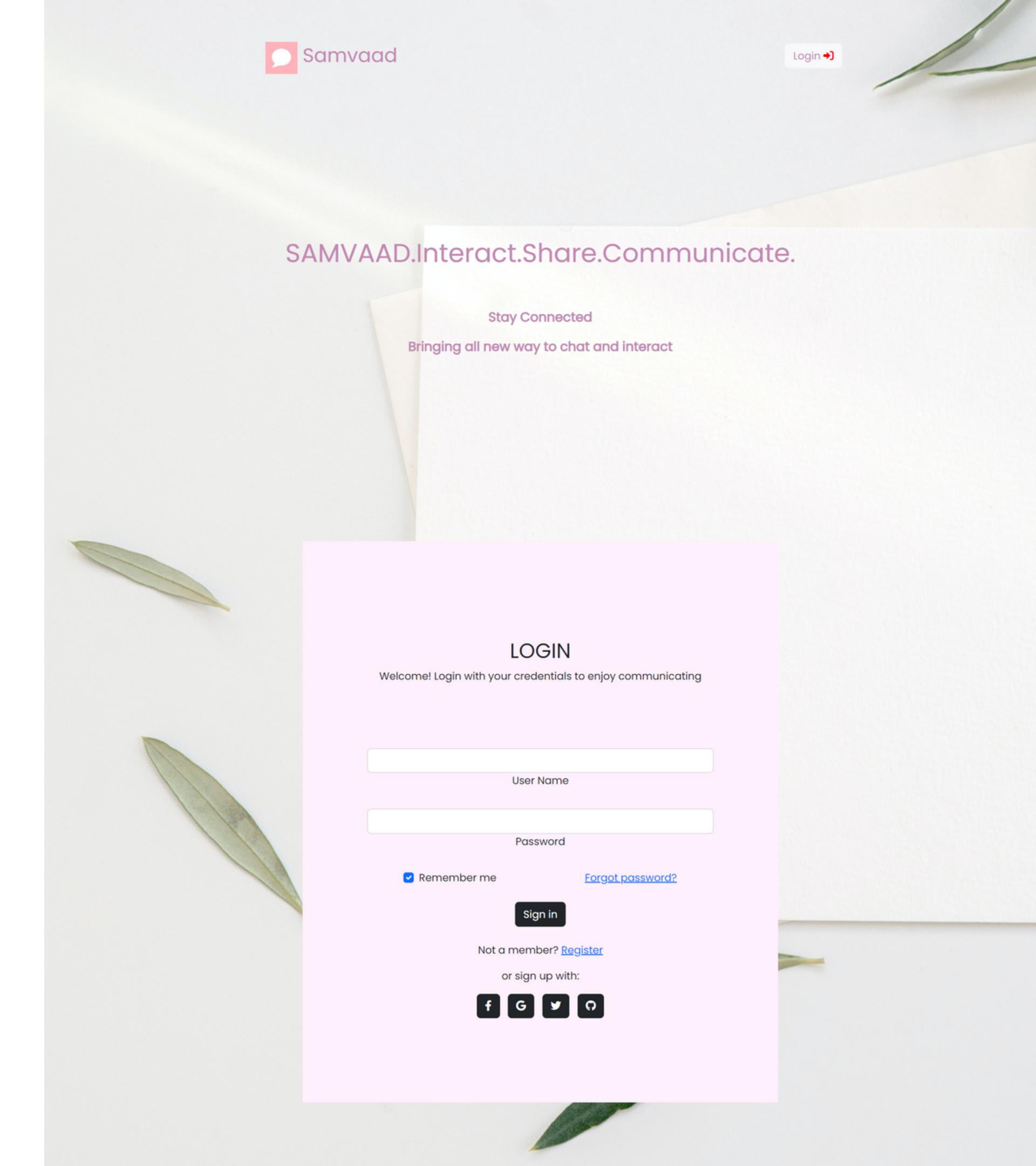
PROFILE PAGE WIREFRAME



SETTINGS PAGE WIREFRAME



LOGIN PAGE



Homepage

Chats

 Search Chat

 **Megha Saxena**

Hey! there I'm available.

 **Yogesh Amrute**

Good Morning 😊

 **Vaidic Jain**

What time is our meeting?

YA

Yogesh Amrute

Typing...

Hey!, can you please provide the details of the meeting.

Hi Yogesh,
The meeting details have been provided to everyone via an official mail from the company.

AUG 31, 2022

Okay, I'll check my mail then.

Type your message here...



HOMEPAGE IN DARK MODE

Chats



Search Chat



Megha Saxena

Hey! there I'm available.



Yogesh Amrute

Good Morning 😊



Vaidic Jain

What time is our meeting?



Vaidic Jain

Typing...

Hey!,

I have sent the designs for the interface. Kindly check and let me know if there are any suggestions.

Hi Vaidic

I'll let you know for the improvements.

AUG 31, 2022

Okay👍

Type your message here...



PROFILE & SETTINGS TAB

Profile



Harshdeep Singh
Mumbai, India

STATS

| | | |
|---------------------|---------------------|-----------------------|
| 3 Friends | 20 Photos | 9/10 Rating |
|---------------------|---------------------|-----------------------|

Settings

General Info



Full Name
Harshdeep Singh

Email
harshdeepsingh@gmail.com

Contact
9612345983

Change Password

Current Password

New Password

Confirm Password



TIMELINE



REVIEW 1

TOPIC

PPT

GD

REVIEW 2

WIREFRAMING

FRONT-END

FRONT END JS

REVIEW 3

BACKEND

FINAL TESTING

BUG FIXING

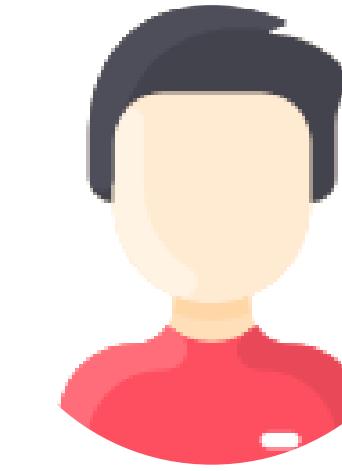


CONTRIBUTION



MEGHA SAXENA

WIREFRAMING AND FRONT-END



YOGESH AMRUTE

WIREFRAMING AND FRONT-END



HARSHDEEP SINGH

BACK-END



VAIDIC JAIN

BACK-END

Thank You

