# Ideation Phase – SocialX

## Objective

The core idea behind SocialX was to create a modern, responsive social media platform that facilitates user interaction through posts, likes, comments, and real-time messaging. We aimed to integrate a seamless user interface with a powerful backend to ensure scalability and performance.

## Problem Statement

Existing social media platforms are often cluttered, not privacy-focused, or too complex for the average user. SocialX addresses this by offering:

* Simplicity
* Real-time interactions
* Security
* Easy user onboarding

## Features Identified:

* User authentication (register/login/logout)
* Profile management
* Post creation and sharing
* Like/comment functionality
* Chat/messaging
* Notifications

## Tools Considered:

* Frontend: React.js
* Backend: Node.js, Express
* Database: MongoDB
* Real-time: Socket.io

## Visual Diagrams Added

The ER Diagram and Architecture Diagrams are included in the attached PDF file shared previously.