Brainstorming

Steam Stream Team Supreme

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Application Properties

Connect two or (more clients) together in order to send chat messages between them.

Features:
User accounts
Web links
Simple 1-1 Chat

Extra Features:
pictures
2-Factor Authentication(email/text)
Group chat

High Overview Restful Server:
PHP-based in Laravel
OpenSSL

Assets/Stakeholders

Messages, User Accounts, Passwords, emails are the assets,
The server itself,
The encryption keys used

Stakeholders are the users.

Adversarial model

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Possible Vulnerabilities

Bruteforcing passwords
Outsider eavesdropping the 1-1 chat
DDOS

Possible Related Previous Work

We have no experience in security. At all.

Complete Description of your Solution

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Full Rigorous Analysis

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(add system diagrams)