# Architecture Design

## Description

SecDove is a secure messaging web application. It uses a client-server architecture.

### Client

* Gives a User Interface for utilizing app features
* Handles encryption/decryption of messages
* Handles key generation
* Sends encrypted messages to server
* Stores temporary data in browser (JWT to keep logged in, private key stored in local storage)

### Server

* Handles Authentication process of users
* Stores account data (hashed+salted password)
* Stores encrypted messages
* Stores conversation keys

## High-Level Architecture Diagram

A diagram of a software company

AI-generated content may be incorrect.