**Overview-Yehudit Yudelevich**

This project implements a client-server architecture designed to provide secure communication and file transfer capabilities. The system includes essential features for user authentication and secure data exchange.

**Key Features**

* **User Authentication**: Support for user registration and secure login processes.
* **Key Management**: Secure transfer of asymmetric and symmetric keys between the client and server.
* **Encrypted File Transmission**: Ensures files are securely encrypted before being sent from the client to the server.
* **Server File Storage**: Received files are securely stored on the server.
* **Data Integrity**: Utilizes checksum comparisons to verify the integrity of transmitted data.

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Link to a video about the project:

<https://drive.google.com/file/d/1QsF14613gqf88AYqm8Qot9o6axEA9GXI/view?usp=sharing>