CYBER CLARITY

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Problem Statement:

Cyber Clarity solves key cybersecurity issues such as insecure data storage, phishing through malicious links, malware-infected files, weak authentication, and low cyber awareness by providing encrypted storage, link safety checks, file scanning, and secure user authentication.

About: ___Cyber Clarity___ is a comprehensive **cybersecurity** web application designed to help users securely manage sensitive information and perform security checks on links and files
*Tech used : **MERN STACK***

1. HOMEPAGE : is basic authentication of user:
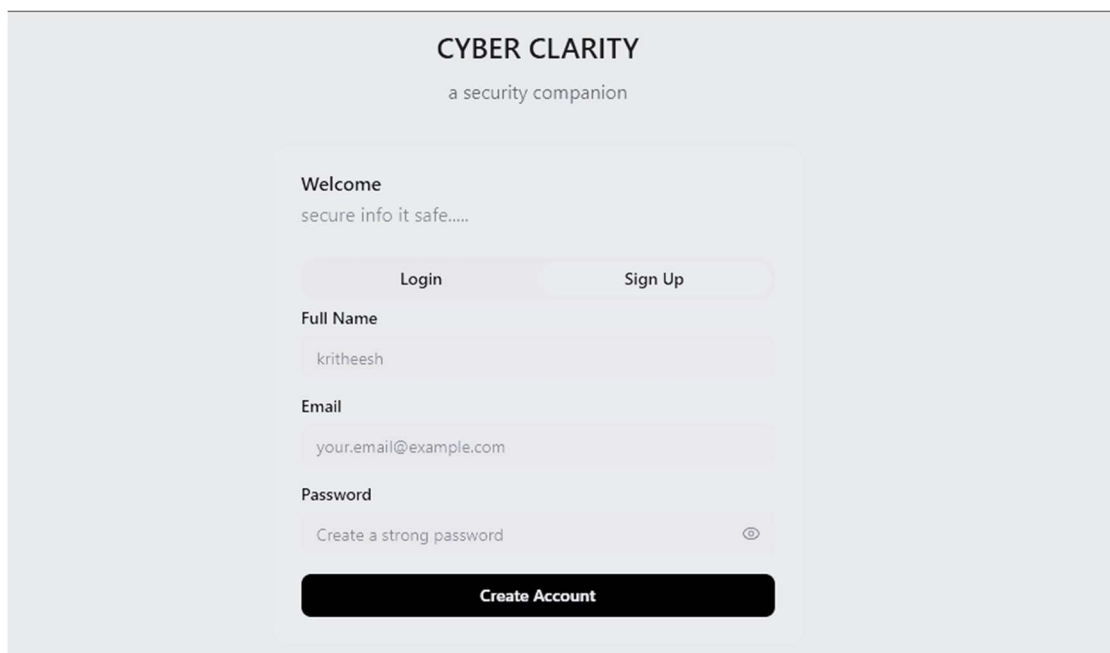
 Login:

- Secure login and registration system
- JWT token-based session management
- Password encryption and validation

Signup :

2. NOW coming to the **DashBoard** we can directly see the the **feautres** which are :
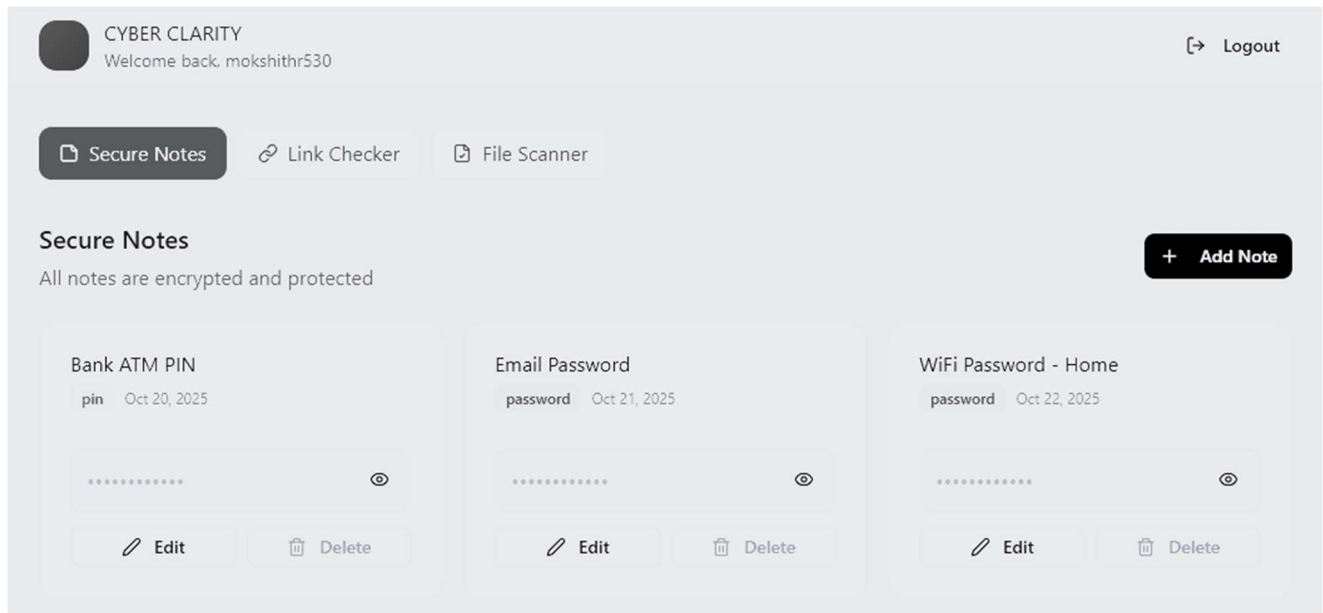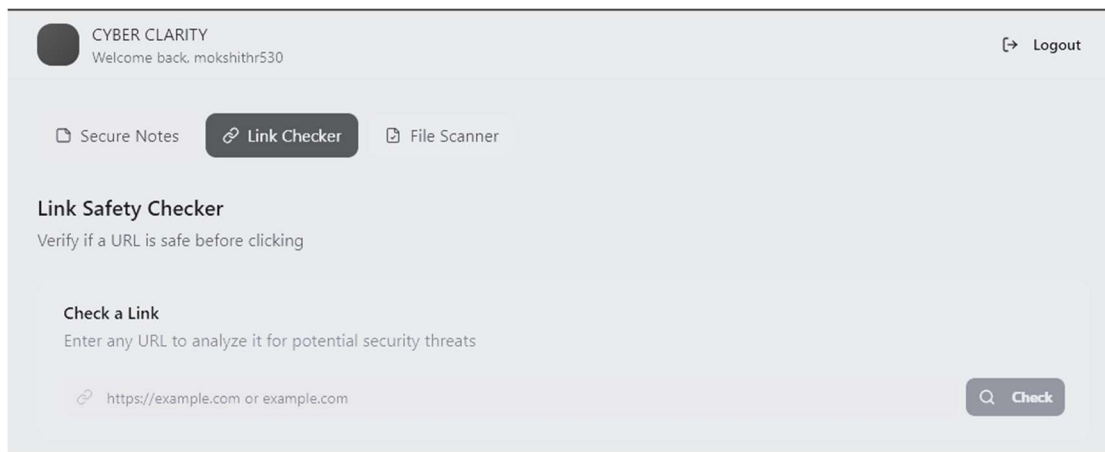
- Encrypted storage for sensitive information (passwords, PINs, personal notes)
- Category organization (Banking, Social Media, Work, Personal)

As you can see that there some saved notes like bank atm and all that's how it is saved when you login and when you sign up you can click on the **AddNote** button:
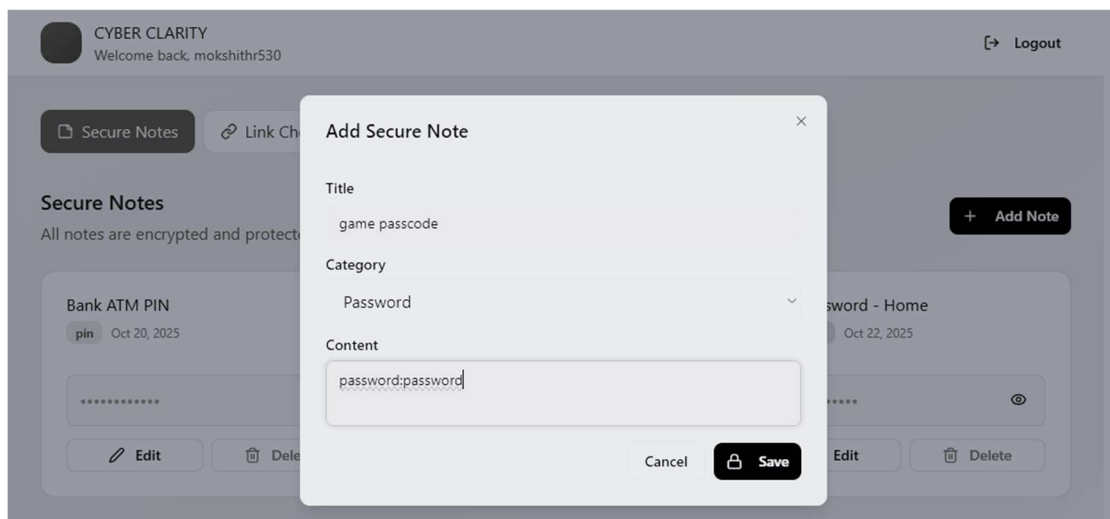
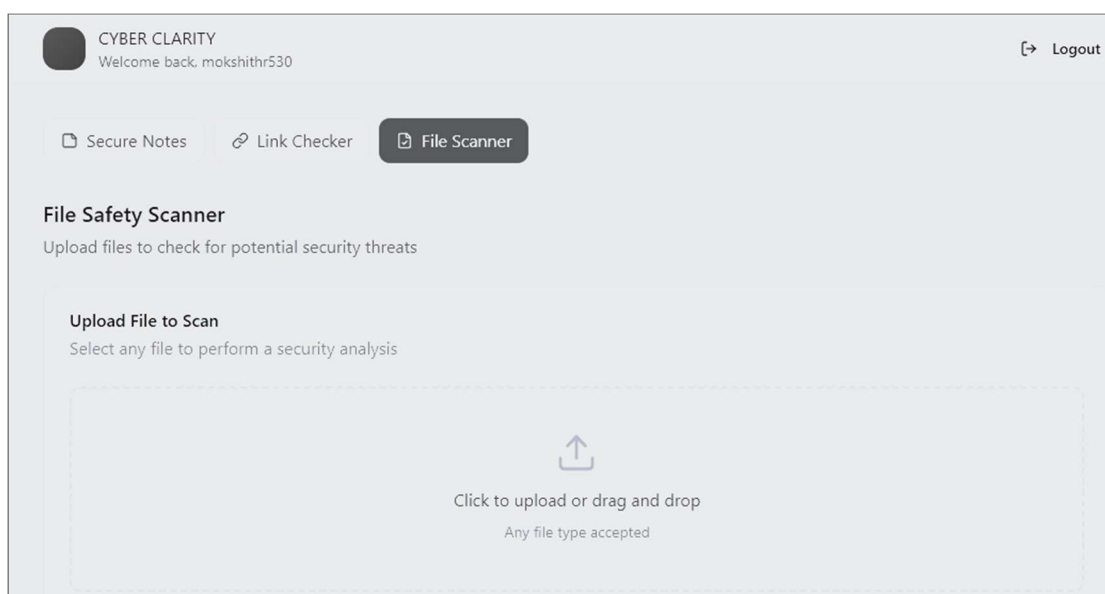The next feature is **Link Checker**:

--> Properties:

- URL validation against malicious link databases
- Real-time threat analysis
- Safety status indicators (Safe, Suspicious, Malicious)

The final feature is **File Scanner**:

--> Properties:

- Upload and scan files for potential security threats
- Integration with virus scanning APIs (VirusTotal)
- File type validation

In the end you just **LogOut**