**Project Name - Doc Locker**

**GitHub repository link -**

[**https://github.com/nikita09031999/doc-locker.git**](https://github.com/nikita09031999/doc-locker.git)

**SUMMARY-**

*Doc locker provides a service to access authentic documents/certificates like PAN Card, passport, mark sheets and degree certificates in digital format which eliminates the use of physical documents. Doc Locker provides an online platform for personal storage space in the cloud. Users can also manage and securely store the copies of legacy documents in Doc Locker. Doc locker services enable users to upload their own content or provide synchronization software with other people using links or QR code without sending large attachments. The service is intended to minimize the use of physical documents, provide authenticity of the e-documents to make it easy for the third person to receive services. Documents will be made available for the third person virtually where user will provide link or QR code to the third person who will be able to view or download the requested document as per users accessibility.*

**FEATURES INCLUDED -**

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| * File Management | : | Arranges the files and folders in a hierarchical manner. Mapping the files and folders to Permanent Storage and Backing Up Files after deletion. |
| * Authentication | : | Provides secure document exchange between a user and verified viewer based on an authentication model via OTP or email verification. |
| * Dynamic QR code | : | Creates link/QR code which will give quick access to websites to share the document virtually with a third person. |
| * Logical grouping | : | Documents can be stored according to their categories to sort in a better way. Users can select a particular document and share it with a third person. |
| * SHA-256 | : | For user authentication, we will use the SHA-256 Algorithm. SHA-256 stands for Secure Hash Algorithm 256-bit and it's used for cryptographic security. Cryptographic hash algorithms produce irreversible and unique hashes. |
| * Access controller | : | Admin will mainly control security, feedback & DB. The user will provide access to the third person. The third person will get to download or read the file only once for a particular interval of time. |