

B. Tech PROJECT SUMMARY (MPS) SHEET

Title of project: Develop a high storage cloud platform that provides enhanced security Develop a high storage cloud platform that provides enhanced security (CloudVault).

Name of the Supervisor/s: Prof.D.I.Ghadage

Name of the Students:	1. Harshal Gavali	2003040
	2. Adharva kumar Thodupunooru	2003042
	3. Gourav Powar	2003044
	4. Rohan Chinchkar	2003046

Brief description:

Introducing Cloud Vault, a cutting-edge high-storage cloud platform designed for optimal data security. Our platform employs advanced encryption algorithms, multi-factor authentication, and continuous monitoring to safeguard your sensitive information. With scalable storage options, users can seamlessly expand their data capacity while enjoying robust protection against cyber threats. Cloud Vault also features automated backups, ensuring data integrity and availability. Experience peace of mind with our state-of-the-art security infrastructure, making us the trusted choice for businesses seeking a reliable and secure cloud storage solution. Elevate your data protection standards with Cloud Vault today.

Objectives:

1. Enhanced Encryption Standards: Implement state-of-the-art encryption protocols to secure data at rest and in transit, ensuring robust protection against unauthorized access.
2. Multi-Layered Authentication: Develop and integrate a multi-factor authentication system to fortify user access controls, enhancing overall platform security and mitigating the risk of unauthorized account access.
3. Real-time Threat Monitoring: Implement continuous monitoring mechanisms to detect and respond to potential security threats promptly, minimizing the impact of cyberattacks and ensuring data integrity.
4. Automated Backup and Recovery: Establish a seamless and automated backup system to regularly back up data, enabling swift recovery in the event of data loss or system disruptions, and guaranteeing business continuity for our users.

Outcomes:

1. Fortified Data Security: Unmatched encryption and authentication for top-tier protection against cyber threats.
2. Seamless Business Continuity: Automated backups and recovery ensure uninterrupted access to critical data.
3. User Confidence: Advanced security features and real-time monitoring build trust in a secure cloud solution.

Photograph of Working Model:

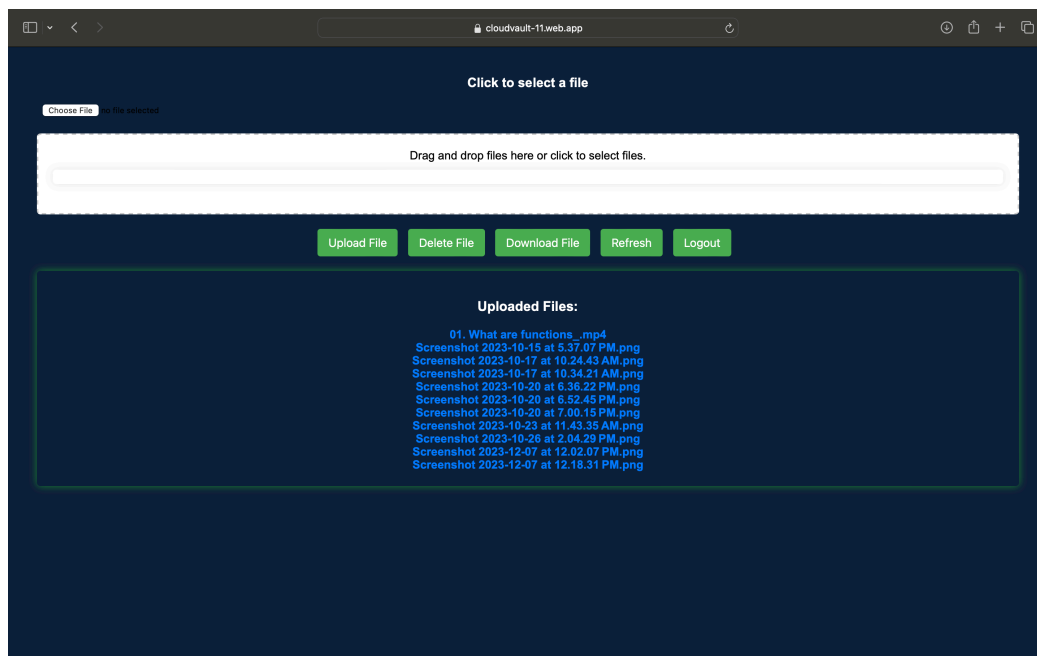


Figure: File Storage using GitHub API

Signature of Supervisor/s: _____