

SENG8100_Agile_DataSecurityAndPrivacy_Group1

: Sprint #1

Sprint Goal

- To implement features related to Digital Footprint Protection, including Secure File Sharing and App Permission Management, ensuring enhanced data security and privacy.

Sprint Backlog

Secure File Sharing

- Enable users to upload files and generate secure links for sharing while maintaining confidentiality.

Encryption for File Sharing

- Apply end-to-end encryption to files before upload, ensuring data is encrypted both in transit and at rest using AES or similar algorithms.

Secure Message Sharing

- Allow users to send text messages securely within the platform using encrypted communication protocols.

Authentication Features

- Implement secure login/logout functionality with hashed password storage, multi-factor authentication (MFA), and user session management.

App Permission Manager

- Provide a dashboard to list third-party apps or services with access to the user's personal data.

Scan and Revoke Unnecessary App Permissions

- Enable users to initiate a scan that detects apps with unnecessary permissions and revoke them directly from the interface.

Report Creation

- Automatically generate summaries of privacy activity and recent security events detected by the app.

Reports on Privacy Risk

- Create visually engaging reports that highlight data exposure risks and provide suggestions for improving privacy hygiene.

Estimated Velocity: 10

Schedule

Sprint period: February 13 - February 19

Daily Scrum: 2:00 PM – 2:30 PM in 2A15

Sprint Demo: February 19, 2:00 PM in 2A15

Team

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