

TICKET DESCRIPTION

ENG - 98

Implement Social Media Login Integration

CONTEXT FROM ENVIRONMNET

The requirement to implement a social media login integration. The goal is to allow users to log in to our product using their existing Google or Facebook accounts, providing a more convenient and user-friendly login experience.



Status **IN-PROGRESS**

Assignee

Task classification

Risk Severity

ANALYZE

Confidence

MEDIUM

Risk Categories

HIGH
CONFIDENTIALITY

HIGH
INTEGRITY

HIGH
AVAILABILITY

Identified concerns

- LACK OF ROBUST ACCESS CONTROLS AND AUTHENTICATION MECHANISMS**
- POTENTIAL EXPOSURE OF SENSITIVE OR PERSONALLY IDENTIFIABLE INFORMATION (PII) IN THE STORED DATA**

Sample recommended security requirements

IMPLEMENT SECURE STORAGE AND ENCRYPTION OF SENSITIVE USER DATA

NIST
associated controls
IA-05(01)

Ensure that all sensitive user data, including social media account credentials and personal information, is securely stored and encrypted using industry-standard encryption algorithms and key management practices. This will help protect user privacy and maintain compliance with relevant data protection regulations.

Implementation Guidance

- Implement a data classification and risk assessment process to identify all sensitive user data, including social media account credentials and personal information.

Code example generated by AI



```
def classify_sensitive_data():
    sensitive_data = ['social_media_credentials', 'personal_information']
```

- Develop and document data protection and encryption policies, specifying the use of industry-standard encryption algorithms and key management practices for storing and transmitting sensitive data.

IMPLEMENT A COMPREHENSIVE SECURITY TESTING STRATEGY

NIST
associated controls
SA-21

Ensure that a robust security testing strategy is in place, including unit tests, integration tests, and end-to-end tests, to identify and address any security vulnerabilities or compliance issues. This will help ensure the social media login integration is secure and reliable, protecting both the platform and its users.

Implementation Guidance



IMPLEMENT SECURE OAUTH 2.0 AND OPENID CONNECT PROTOCOLS

NIST
associated controls
IA-02(05)

Ensure that the social media login integration strictly adheres to the latest security best practices for OAuth 2.0 and OpenID Connect protocols. This will help mitigate the risk of unauthorized access, data breaches, and other security vulnerabilities.

Implementation Guidance



Want to learn more?



[Book a demo here](#)