Archiving

Objectives:

- Store a backup of all logs that are older than 1 month:
    - Log ins, successful and unsuccessful attempts
    - Logouts
    - All user posts
    - All user actions
    - All errors

Background:

Archiving user activity for actions performed on the web app older than one month will provide data on all previous user activity.

Requirements:
- Archive successful login attempts older than one month
- Archive unsuccessful login attempts older than one month
- Archive logouts older than one month
- Archive all user posts older than one month
- Archive all user actions on the web app older than one month
- Archive all errors older than one month
- Privacy needs to reflect that user actions are being archived and stored.

Non-Functional Requirements:

Success: All user actions and errors will be successfully archived as long as they are older than one month and will be available for viewing and assessment.

Failure: Not all user actions or errors will be archived, leaving a black-area of things that might not be able to be assessed for fixing or addressing, also incorrectly archiving data that is less than one month old.

4.25.1 Functional

Req#	Priority	Description	Rationale
General / Base Functionality			
FR-A-G-001	1	Archive all errors older than one month	So that developers are able to address errors and fix them in a timely manner, if older errors were to pop up again, we can see how they were resolved,
FR-A-G-002	1	Archive all user actions older than one month	To track user activity and see common trends over a longer time frame.

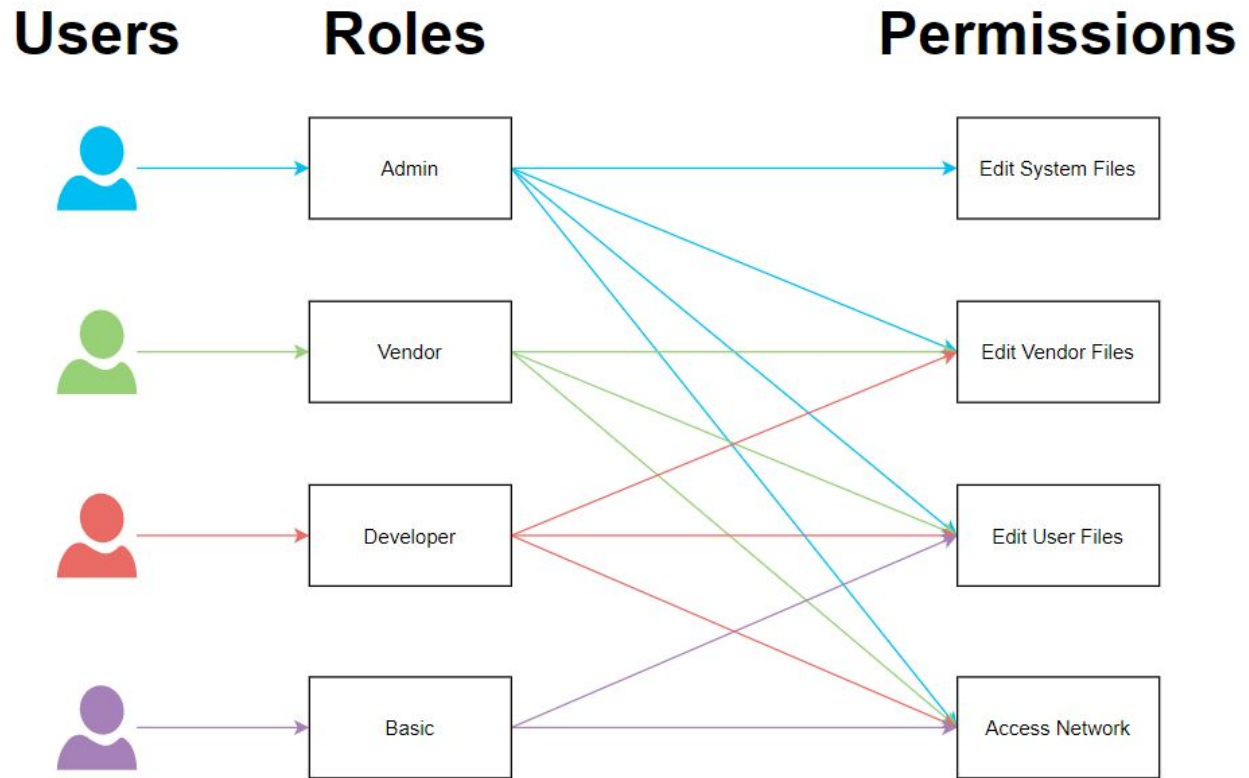|			
Security Requirements			
FR-A-S-001	1	Archive all login attempts	This will help distinguish potential login attackers and potentially ban them by IP, and find recurrent attackers in the archives.

User Access Controls Diagram

Fig.1 Role-Based Access Control