**Use Case ID:** SSLS14 – Check Privileges

**Use Case Level:** Security

**Details:**

* **Actor:** Member
* **Pre-conditions:**
  1. Member has successfully logged onto the system.
* **Description:**
  1. Use case begins whenever a Member requests an action.
  2. The system shall check the Member’s privileges and decides to follow the action.
  3. Use case ends when the system completes the action requested by the Member.
* **Post-conditions:**
  1. An action has been completed.

**Alternative Courses of Action**

1. In step D.2, the system can decide to not execute the action if the privileges of the Member are insufficient. In which case, the use case ends when the system informs the Member that the action was not completed due to lack of privileges.

**Extensions:**

None

**Exceptions:**

1. The system is down and cannot check for privileges.
2. The privileges information is corrupted or has been altered by bad actors.

**Concurrent Uses:**

None

**Related Use Cases:**

1. SSLSXX – Give Privileges
2. SSLSXX – Revoke Privileges

**Decision Support**

**Frequency:** On average, 50 privilege checks are done every hour.

**Criticality:** High. Privilege assurance is required for good usability and user trust.

**Risk:** Medium. Implementation does not require any complex specialized knowledge.

**Constraints:**

* Usability
  1. User must be aware of their privileges and what actions those privileges permit.
* Reliability
  1. Mean Time to Failure – 1% failure yearly is acceptable.
  2. Availability – 30 minutes in a 24-hour period for backup and maintenance.
* Performance
  1. Privilege Checks should be done within 2 seconds.
  2. The system should handle 20 privilege checks in 1 minute.
* Supportability
  1. Should be supported by all browsers.
* Implementation
  1. Using Java-based software for back-end.

**Modification History**

**Owner:** Armando J. Ochoa

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