**Use Case ID:** SOS21 – Members Ranking

**Use Case Level:** User Goal

**Details:**

* **Actor:** User (Member ONLY)
* **Pre-conditions:**
  1. User have made an account on the web app already.
  2. User enabled access to their current location via GPS.
  3. They have attended events that gives them scores.
* **Description:**
  1. Use case begins when the Member of an organization/club already attended some events and gained scores.
  2. The system will rank all of the members in the organization/club based on their scores (descending/ascending).
  3. The case ends when the rankings are shown in a specific page.
* **Relevant requirements:**

GPS and Geolocation Services available in most web browsers (Desktop and Mobile).

* **Post-conditions:** None.
* **Alternative Courses of Action:**

**Extensions:**

None.

**Exceptions:**

None.

**Concurrent Uses:**

None

**Related Use Cases:**

None

**Decision Support**

**Frequency:**

**Criticality:**

**Risk:**

**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:** Kian Maroofi

**Initiation date:** 09/10/2019

**Date last modified:** 09/10/2019