# Information Model

This section is intended to provide a definition of the entities and the relationships amongst the entities that must be supported by the system.

## Organizations

**“National Sport Organization (NSO)”** – the association with the unique mandate as the sport governing body for <Sport Name> in Canada. The NSO will typically have one or more **NSO Administrators** who have authority to administer the NxRS on behalf of the NSO. The NSO Administrator shall be able to edit information relating to NSO events, and shall be able to view and edit information on Participants and Clubs that have registered with the NSO or registered as participants in their events. Certain types of NSO administrators may be restricted to a subset of capabilities.

**“Provincial Sporting Organization (PSO)”** – the association with the unique mandate as the sport governing body for <Sport Name> in their province or territory. The PSO will typically have one or more **PSO Administrators** who have authority to administer the NxRS on behalf of the PSO. A PSO Administrator shall have visibility into all events, individuals, clubs, etc within their PSO. The PSO Administrator shall be able to edit information relating to their PSO events, and shall be able to view and edit information on Participants and Clubs that have registered with the PSO or registered as participants in their events. The PSO controls access to the NxRS by the Clubs. Certain types of PSO administrators may be restricted to a subset of capabilities such as Officials administration only.

{*Clubs and Event Organizers may or may not be applicable to a sport’s organization or requirements…}*

**“Club”** - means any organized group of persons associated for the purpose of <Sport Name> and registered through their PSO for that purpose. A Club will typically have one or more **Club Contacts** that serves as the points of contact for the Club. It also has a mailing address, phone, email address, region and optionally a website. PSO’s act as the agent in determining what Clubs are able to affiliate with the PSO and NSO.

**“Event Organizer”** – a distinct organization (distinct from the NSO, PSO’s, and Clubs) that operates <Sport Name> events. Typically they would be organizers of <Sport Name> competitions who may wish to utilize the NxRS for registration of participants in the events they organize.

**“Team”** – a group of Participants who would register and participate in a Competition as a team. A Team may include athletes, coaches, managers, etc.

## Participants

Individuals may participate in <Sport Name> events in a variety of roles, including:

* athlete;
* Coach;
* Assistant Coach
* Integrated Support Team (IST);
* Event Organizer;
* Club Contact;
* Volunteer;
* **Official** – an individual certified to officiate at a <Sport Name> competition;
* **NSO, PSO or Club Volunteers** – individuals typically serving as Executive, Board, Committee or volunteer members for the respective association.

Note that Participants do not necessarily have to be Members of a PSO or NSO.

**“Participant Profile”** – information stored that relates to the Participants personal information. The ability to collect the following types of information relating to Participants should be maintained in the system:

* Name (required)
* Date of Birth (required)
* Gender (required)
* Address/City/Province/Postal Code (required)
* Region (required)
* Email address (required)
* Phone number(s) (required)
  + Consent to allow text communications
* Aboriginal Status
* Para-athlete Status
* Parent/Guardian Information (including address and contact information, in the case where the Participant is under the age of consent)
* Health Insurance Number (optional)
* Medical Conditions (stored only at the option of the participant for events)
* Emergency contact information
* History of Police Record Checks (PRC) and Vulnerable Sector Screening (VSS) (if applicable)
  + Date of latest PRC and result
  + Date of latest VSS and result
* Coaching certification information
* Learning Facilitator designation/levels
* Officiating certification information, including:
  + Status and certification level(s) in <Sport Name>
  + History of officiating clinics, training and assessments
  + History of competitions that have been officiated
* History of participation (including associated Club(s) and membership)
* History of event registration
* History of competition results
* Status of good-standing
* History of any disciplinary action
  + Textual description
  + date range of any sanction conditions
* Email subscription/exclusion indicators

The system should support the ability to store documents associated with personal profiles, including scans of Proof of Age as well as personal photos.

The system shall be able to store and maintain information on competition results for athletes on an ongoing basis over their lifetime.

*{Athletes may have additional sport-specific information or attributes relating to sport performance:*

* *Personal performance information, “personal bests”;*
* *Accreditations, carding, licenses, status designations;*
* *Other?}*

Participant records should be unique regardless of what roles that individual may assume. For example, an individual who is an athlete, official and/or coach should have one record that indicates the multiple roles he/she may assume.

**“Account”** – information relating to Registrations, Invoices, Payments and Receipts for one or more Participants. Accounts may be **Individual Accounts** or **Family Accounts**. For Individual Accounts there may be only one Participant associated with the Account. For Family Accounts there may be multiple Participants with one individual (or possibly both parents) designated as the Parent/Guardian(s). The Parent/Guardian typically must take responsibility for both legal and payment obligations for the children Participants. Accounts may be accessed by one individual only through secured access. A Participant may be associated with both an individual and family account, however, the Participant record should remain unique (i.e. there should not be duplicate participant records in this case). The Account will also be used by the account holder to maintain personal information for each Participant such as address, phone number email address, emergency contacts, etc.

## Events

For the purpose of the NxRS an **Even**t is an activity or service with a start and end date for which registration is required. An Event will have an Event Organizer who is the point of contact for the Event. An Event is uniquely owned by one association – the NSO, PSO, Event Organizer or Club.

**“Competition”** – a <Sport Name> competition event that is typically organized for athletes over a day (or days). A competition will typically have a **Competition Director** designated as a point of contact.

**“Training Camp”, “Clinic”, “Training Course”, “Tryout”, “Meeting”, “Symposium”, “Fundraiser”, “Banquet”, “Sanctioned Event”** – examples of other types of events for which individuals my wish to register.

**“Invitation-Only Event”** – Events can be designated such that only those individuals invited to register for the Event may register for it.

## Membership

A Participant is a **Member** at a prescribed **Membership Category** if they pay the **Membership Fee** in accordance with the policies of the NSO and PSO (Appendix A). Most Events require individuals to be registered at a prescribed **Membership** **Category** before they are permitted to register for that Event. Membership categories and fees are defined distinctly at the PSO level.

Membership provides specific services over a 12 month period (currently defined as xxx through xxx). A Participant should be able to purchase membership for a future year while being a member for the current membership year. If an Event requires membership as a pre-requisite, then the Participant must hold that membership for the season in when the Event occurs.