Workshop Goals

• Collaborate and develop agreed and complete solution

• Security risk management,
• Security modelling using security (risk-oriented) modelling languages,
• Security requirements,
• Access control modelling,
• Model driven development,
• etc.
Workshop 3

Task: For the given process model (see Fig. 1 and 2), apply the method of Security Requirements Elicitation from Business Processes (SREBP) and derive the security requirements for Team asset.

Team asset is characterised by attributes

- Team info
- Team representative
- Participation decision
- Region and league

Your solution should illustrate the application of the security risk-oriented patterns (which are the part of the SREBP method). The solution should include:

- **SRP1:**
  - Security model (i.e., RBAC model) and
  - Derived list of security requirements

- **SRP2:**
  - Security model (i.e., collaboration model) and
  - Derived list of security requirements

- **SRP3:**
  - Derived list of security requirements (describing the input filtering)

- **SRP4:**
  - Security model (i.e., class diagram)
  - Derived list of security requirements (describing the requirements for the firewall architecture)

- **SRP5:**
  - Security model (i.e., RBAC model regarding the database)
  - Derived list of security requirements (including auditing and information hiding requirements).
Fig. 1: Team registration process
Fig. 2: Team registration to regions and leagues process