Admin Domain Model

The overall model for the admin domain is based on our understanding of what is required to operate the real-time online scoreboard system. The basic functionality the admin domain looks to provide functionality to:

* Add and remove competitions
* Start competitions
* Add, edit, and remove teams
* Assign teams to competitions
* Add, edit, and remove privileged users

The admin domain is designed to allow the spectator and marker domains to operate with maximum simplicity. It will function as a front-end to the database, providing user-friendly functionality to edit the data without having to interact directly with the database management system.

**Who:**

An administrator in charge of setting up the system for use in MATHEX events. Ideally, this should be a person with comprehensive knowledge of the MATHEX events and basic computer skills.

**What:**

Admin will be setting up everything in the system for the markers and spectators to use. This includes adding teams, creating user accounts for markers, creating competitions, and starting competitions.

**How:**

How this domain will be utilised by the admin is unclear as this is a domain that our project team has discovered and deemed necessary. In our vision, this admin domain would mostly be used before the actual competitions to setup the competitions and marker accounts. During the actual MATHEX competitions, the admins would use it to start the competitions. The admin domain could be used during the competitions to provide technical assistance for markers (in case their login credentials aren’t working).

**Diagrams**

**Activity diagram** – Shows the possible actions that the admin has.

**State diagram** – shows the states the domain will hold because of each action performed by the admin.

**Initial prototype design** – based on the initial paper prototype example to illustrate the suggested design for the admins interface. **This diagram is for support only.**