The goal of this project is to provide live ranking for acrobatic paragliding competition with a tool for managing competitors, judges, manoeuvres and warnings and for showing live results on a big screen.

Acropyx is composed of 2 web applications that run with most of the modern browsers1. Acropyx.com host a cloud version of this project with multi tenants support2.

**The “Admin” web application**

At setup phase, an “administrator” can:

* Administer the pilots and the teams
* Administer the judges with their access rights
* Setup competitions with mark definitions, manoeuvres and runs
* Import data from Excel files

During the competition, the “event manager” can:

* Start/end competitions, runs and flights. Theses actions will automatically changes the displayer screen
* Enter manoeuvres done for each flight with a fast and intuitive user interface
* Review the marks of all judges
* Control the big screen that displays live results
* Add warnings to pilots

With admin rights, you can:

* Edit any data to fix typing errors or any “live” issues

And the judges can:

* Mark the current flight according to the competition setup

**The “Displayer” web application**

This web application displays the live results like:

* Pilot or team profile
* Current flight marks with visual animations
* Intermediate/final run and competition ranking
* Live messages

Computers with a web browser in full screen mode can easily send live results to a connected big screen.

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1. Acropyx is fully tested only with Google Chrome for now.

2. To save hosting cost, acropyx.com is only enabled on-demand during the development phase.

