

Development team proposal for July 2020

In order to improve stability, flexibility and security on the project we need to make some changes on the codebase and infrastructure. See our proposal below.

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Security improvements defined with PrecogSecurity

Improve cookies security - it has been pointed out to us by Alex that this should be fixed asap.

Update all tools to new version

Remove password autocomplete options

Change dashboard access:

The idea is to connect each dashboard to user accounts - this way, you would need to log in normally to the website, and your account would determine whether you have access to dashboards or not.

Grouping up dashboards:

Having them all in one place, so you wouldn't have to look for links each time you want to change something.

Code optimisation after v3.0

Community actions have been modified way too many times by now, we would like to refactor those actions. This could also improve security!

Improvements on an internal log and bugs tracking service

We need to set up improved monitoring of the logs and system issues in order to get maximum stability

Moving parts of the project to the cloud

Our plan is to set up a microservice infrastructure on the cloud using AWS. This will allow easier development, monitoring and disaster recovery.

Improving IT infrastructure

Looking at the statistic from the google analytics we agreed that this is a good time to enable load balancing on the project. This will affect the speed of the website if some peak happens as well as we will be able to deploy seamlessly any change (zero downtime while deploying)

Spike/Research for lower VoD service

Looking at the price of the jwplayer service we think its overpaid. We would like to do spike in order to make proposal for the cheaper service (probably using AWS for storage and streaming)

Working on UX improvements with a design team

As sportsedtv.com users are mainly mobile users we would focus on improving mobile/tablet experience. This means working with the design and management team as well as doing spikes.

In order to do these improvements we need to stop (2 weeks) any future development on the project except urgent bugs.