

Feedback - Deliverable 3

We want to preface this feedback by saying that the slides should be included together with the report - please remember to this.

Generally - there is a lack of structure and information that can not be readily gleaned from the slides, which is unfortunate since the presentation contained so much more. This means that just having the slides alone raises a lot of questions and gives little clear direction of what the system and prototype is. If we had not been there for the presentation we would not have understood the slides as much - so please do consider having more slides, bullet-points, and clearer talking points with less pictures. A slide entitled "pitch" with a picture of a tennis match is hard to interpret, without a speaker associated.

We like the metrics you use in your prototype. However as mentioned after your presentation, the comparison in your business/production case is not quite straight forward. Perhaps try to reevaluate whether the items are comparable within this context (or clarify why they are).

Do you account for the possibility that you have an uneven number of requests per external betting service? That is, if one service has preferable data/odds, and you would therefore use that service more than the others. I know was this mentioned after the presentation, but it would be nice to have it included in the slides!

Do the brokers just send you information, or how does the event broker act? How are you getting events into your event broker? From the diagram it looks like your system is being sent the information, rather than requesting it.

You mention users as bookmakers - but that is not clear from your *Centralized "banking"* diagram.

We are unsure whether a microkernel is the correct way of making a load balancer. Whereas a load balancer is a tactic which uses a component that makes sure that the current load is distributed throughout multiple servers, a microkernel is a software architecture that makes it easy to integrate new modules/functionalities.

Sources:

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<https://www.geeksforgeeks.org/what-is-load-balancer-system-design/>

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<https://www.geeksforgeeks.org/microkernel-architecture-pattern-system-design/>