

2019

Planet 9 – powered by



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Neptune Software



Soeren Baek
retailsolutions AG
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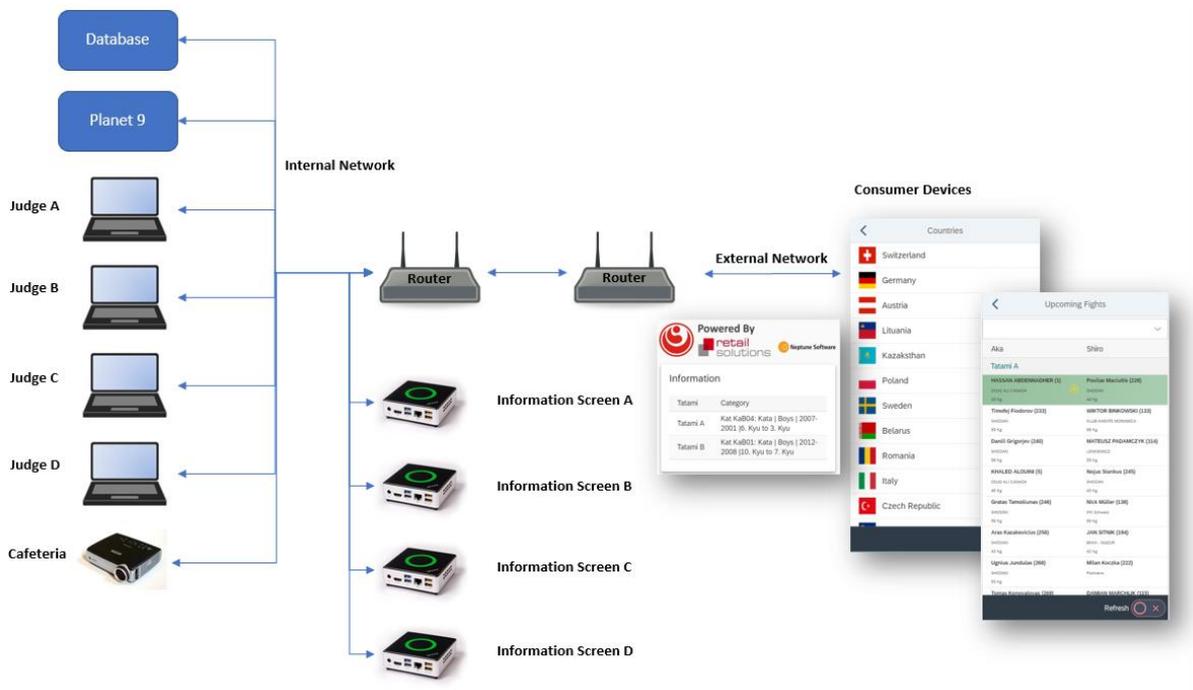
Planet 9 – For Events in Realtime

retailsolutions recently launched the first Planet 9 solution with help from Neptune.

Our setup might be a little out of the normal usage, but it was interesting to see how fast we were able to develop, test and use the solution.

Scenario: For the yearly Karate Tournament in Switzerland for Children which is the largest within Europe, we had the idea to develop a mobile app as a support tool for the coaches, fighters and Spectators. At this Tournament we host more than 350 Fighters, 25 Judges, 500 Spectators, 50 Coaches from more than 20 Countries. They were all connected to our Planet 9 App.

Just to give you an idea of how we did it, here's the system landscape:



As soon as a fighting category or a fight has been selected/started, the Judges will update the database with information on the ongoing event. Each user of the app will automatically pull the updated information and show it to the user.

The users can see Realtime information about the fights, but also search for Dojo's, Fighter personal information and select his/her personal favorites. The coaches are always informed about upcoming fights so that the fighter have enough time to warm up and go to the Tatami (Fighting Field).

Conclusion

At the beginning we needed some help understanding the use of global scripts which turned out to be a quite easy yet cool feature making it possible to create connection pools to the database keeping the connection open causing the APIs to reuse existing connection achieving great performance. By using the performance test app, we could simulate many users which gave us a certain security before the

Tournament. Beside the user app we also developed web-based apps to be used together with the information screens which were placed around the hall and at each Tatami (Fighting field). The information screen ran for two days without any problems.

As an experienced Planet 8 Developer I did not have any problems doing the development since it was the same.

If any of you are interested in using Planet 9 for sport events, I can highly recommend it.

You are welcome to contact me if you have any questions.

Sincerely

Soeren Baek

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