Dear Professor Dr. Dreo,

With regard to our bachelor thesis, we have considered a proposed topic together with the scientific staff on site. It deals with the design and development as well as evaluation of a naming system for Internet of things (IoT) based on their location and type. This is to be solved by a database and with geospatial capabilities (or support).

Furthermore we would like to refer to IoT devices in the project described above by name. More specifically we are interested in a more limited set of names that combine the type of IoT device and its location. To use such names in a program, we need to design and develop a name resolver. We will design such a name resolver, build a prototype of it and evaluate its usability in a way (yet to be determined).

In your opinion, is this topic suitable as our bachelor thesis topic? Also with regard to the possibility of creating two topics from this, which clearly differ from each other in content, but nevertheless belong to the same topic. So that building on the large project described above, two partial problems are derived, which can be similar in content, but which will nevertheless deal with different focal points within the framework of the entire project, as well as the possibility that common parts can come about, which, however, are clearly identified as such. The project of the Master students two years ago, who also chose this approach after recommendation of the scientific staff of Columbia University as well as confirmation on the part of the UniBwM, serves as a model here.

Are there further regulations that have to be fulfilled, such as a certain number of pages or a predefined structure?

Many thanks in advance!

Alexander Nußbaum & Dario Schaumburger