

March 11, 2019  
Magnus Bakke & Liang Zhu

# Weekly report: Week 10 of dissertation for Uninett AS on authentication in IoT

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## Activities

### Monday March 4

We set up a Django project properly and set up a hierarchy for settings files that prevents secret keys from being committed to the Git repository, which can be found here:

<http://github.com/audiopolis/lotConnect>

We will expand the project and try to handle a HTTP request on Wednesday.

### Tuesday March 5

We worked on the Django project, making sketches for solutions. This will help when writing the design report. We consider writing abstract classes part of the design phase.

### Wednesday March 6

We attended a meeting with Jørn, Tom Ivar and Stein. The meeting consisted of a brief summary of our progress.

After the meeting, we experimented with HiveManager's API. We successfully created PSKs using it. This means that we are ready to complete the design report and enter the execution phase.

### March 7–10

We worked on the design report according to the work schedule for the week. We aim to finish the first draft by the next meeting.

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## Remarks

We will probably be ready to show the backend in action in the next meeting. It is highly unlikely that we will have completed the user interface, but we can demonstrate how it will work by sending a request to our API using Postman.