

# Lokki Project Report

<b>Report date</b> yyyy-mm-dd	2016-09-03
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<b>Short goal description</b>  Describe the objective to which this report is connected. Include links, e.g. to GitHub issues, if appropriate.	 The goal was to implement a prototype server back-end and other infrastructure for continuous experimentation in order to enable empirical research.
<b>Recent activities</b>  Describe options tried (and not tried but should), decisions made, and any general observations made.	<ul style="list-style-type: none"><li>- The overlap of configurations: The experiment server does not reckon if an user is in experiments where the configurations have conflicts (1)</li><li>- The experiment server back-end is only tested (2)</li><li>- The experiment server is only documented (and not even completely) (4)</li><li>- Some error handling has made (5)</li><li>- What means deleting experiment, data item, user etc.? Especially when the object is orphan (6)</li><li>- Refining the database model (7)</li></ul>
<b>Summary of accomplishments</b>  Shortly describe the final outcome. Include links, e.g. to GitHub issues, if appropriate.	<b>Experiment server</b> (back-end) <a href="https://github.com/TheSoftwareFactory/experiment-server">https://github.com/TheSoftwareFactory/experiment-server</a> , <b>Experiment server UI</b> <a href="https://github.com/TheSoftwareFactory/experiment-server-ui">https://github.com/TheSoftwareFactory/experiment-server-ui</a> , <b>Experiment client</b> <a href="https://github.com/TheSoftwareFactory/experiment-client">https://github.com/TheSoftwareFactory/experiment-client</a> , <b>Experiment application</b> (example) <a href="https://github.com/TheSoftwareFactory/math-game">https://github.com/TheSoftwareFactory/math-game</a> <b>Experiment analysis tool</b> <a href="https://github.com/TheSoftwareFactory/experiment-analysis-tool">https://github.com/TheSoftwareFactory/experiment-analysis-tool</a> (Do not take this seriously. This was only a silly idea) (3)

**Open and follow-up issues**

Things (only some of them) to do in future. See also recent activities.

- Prevent the overlap of configurations (1)
- Validate the form for creating a new experiment
- More testing (2)
- Implementing Lokki?
- Code refactoring. Everywhere
- Making new analysis tool from scratch (3)
- More documenting
- More error handling (5)
- Figuring out the (experimenter's) work flow (6)
- Experiment saving option? "Saved" and "confirmed" states for experiments?
- E.g. changing the value of data item to be a pickle (7)
- Deploying the infrastructure
- Thinking of good continuous experimentation cases