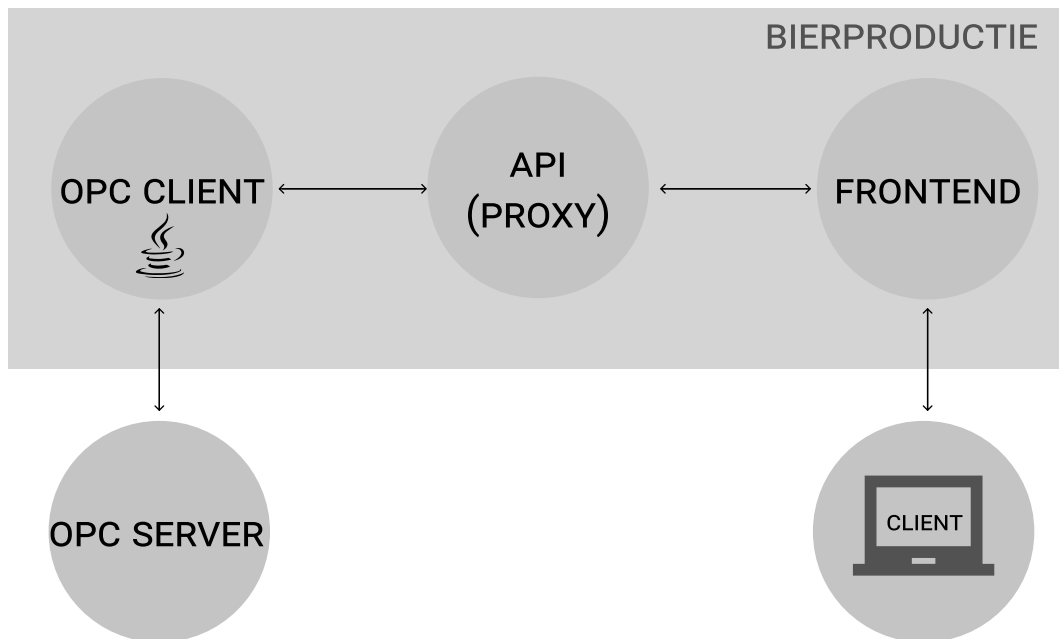


# Bierproductie

A management system for brewing machines



Bachelor of Engineering, Software Technology

Semesterproject 3. semester, ST3-PRO

**Project Period:** 31.08.2020 - 19.12.2020

**Hand in date:** 19.12.2020

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**Title:** Bierproductie

**Institution:** University of Southern Denmark  
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Campusvej 55, 5230 Odense M

**Education:** Bachelor of Engineering, Software Technology

**Semester:** 3. Semester

**Course Title:** Industrial 4.0 cyber-physical software systems


**Internal Course Code:** ST3-PRO

**Project Period:** 31.08.2020 - 19.12.2020

**ECTS:** 10 ECTS

**Supervisor:** Parisa Niloofar

**Project group:** 06



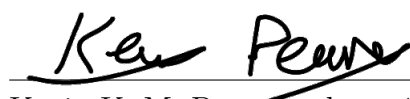
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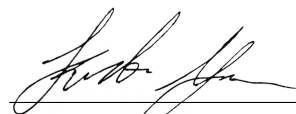
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Pages: 10

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By signing this document, each group member confirms that everyone have participated equally to this project, and everyone is thus collectively responsible for the content of the report.

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The group is going to use the simulator software to test the software during the development cycle. It is important to note that the simulator is not a replacement of the machine since there is only so much randomness and correctness you can get out of a simulator. It is still very important to have the simulator, when making prototypes and performing multiple tests on it, so the group doesn't push any regressions to the production system(the beer machine).

### **5.3 Use Cases**

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*From project description*

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