

Foodo Documentation

Future Business Labs

Technical description and in-depth documentation of the
Foodo Software System Architecture

Advisors Dr. rer. nat. Markus Böhm,
M.Sc. Martin Lurz
Chair of Information Systems

Submitted by Marcus Land (03673463)
Andre Landgraf (03701612)
Christian Münch (03670389)
Matthias Renner (03670718)
Andre Weinkötz (03706741)

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Attachment I

Declaration of Authorship

We hereby declare that the work submitted is our own unaided work. All direct or indirect sources used are acknowledged as references. We are aware that the work in digital form can be examined for the use of unauthorized aid and in order to determine whether the work as a whole or parts incorporated in it may be deemed as plagiarism. For the comparison of our work with existing sources we agree that it shall be entered in a database where it shall also remain after examination, to enable comparison with future works submitted. Further rights of reproduction and usage, however, are not granted here. This paper was not previously presented to another examination board and has not been published.

Munich, 26.08.2019, Signature

Attachment II

Distribution of work

Author	Responsibilities
Marcus Land	Marcus Land assisted in developing the Cooking page in the React web app focussing the recipe statistics. He was responsible for design- and UX-related tasks for the frontend and the presentations. Furthermore, he took part in the data preparation processes. He wrote Section 1, 6 and 7.
Andre Landgraf	Andre Landgraf was responsible for preparing and implementing the Alexa skill. Furthermore, he is the developer of the frontend (React web app) including continuous integration and AWS infrastructure. He took part in data schema design decisions and wrote Section 4 in this documentation.
Christian Münch	Christian Münch was developing the substitution algorithm git submodule and implemented the statistics page of the frontend. He was responsible for user interviews & evaluations. He wrote Section 2, 4.5 and 5.
Matthias Renner	Matthias Renner assisted in the internationalization and supported the implementation of the statistics page of the React web app. Furthermore, he took part in the data preparation processes. He wrote Section 1 and 3 of this documentation.
Andre Weinkötz	Andre Weinkötz developed the Node.js backend (including database) and administrated the AWS cloud infrastructure. Furthermore, he implemented the Alexa skill and designed the data schema including writing the data migration scripts. He assisted writing Section 3, wrote Section 4 and is responsible for the overall layout of this documentation.