Software Requirements Specification: Simulation Platform for Smart Fridge and Sudoku Solver

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1 Introduction

1.1 Purpose

This document is a software requirement specification for the software platform which is built to aid the SmartFridge and Sudoku solver projects by providing simulated data.

1.2 Document Conventions

- Links are marked in blue color and are accessible through the web browser.

- Reference titles are in italics for easier viewing

1.3 Intended Audience and Reading Suggestions

The document is intended for the Systems and Software Engineering lecture (WS 2017-18) at Goethe University. This document is also developers and document writers of our related projects: SmartFridge and sudoku solver. The document must be read fully in order and it is preferred to read through the documents of the related projects to get better understanding.

1.4 Product Scope

A software platform for generating images which could be used as a dataset for other projects. For understanding scope of other projects, please refer to smart fridge software requirements specification document.

1.5 References

- IEEE, *Software Requirements Specification*. Available at https://view.officeapps.live.com/op/view.aspx?src=https://web.cs.dal.ca/~hawkey/3130/srs_template-ieee.doc

- Stuart R. Faulk, *Software Requirements: A Tutorial*, 1995. Available at http://citeseerx.ist.psu.edu/viewdoc/download?doi=10.1.1.198.7770&rep=rep1&type=pdf

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