

COMP3000

Computing Project

2020/2021

Project Title

Development of an integrated home stock database system

Links

Github: <https://github.com/struansharpe/COMP3000>

Trello board: <https://trello.com/b/OTkMAGeZ/struan>

Project Vision

For everyone who owns a home needs assistance with shopping choosing meals and keeping stock.

The problem of not knowing what you have in stock when out and about, giving you quick access to what is needed back at home. If a user is stuck on a meal, they can choose from some meals already selected. If they don't like those, they can create their own meal recipe with listed ingredients. There are many systems already out there which do these separate functionalities but not all of them in one mobile application.

Project name: Stokk

Is a home database system

That writes shopping lists and shows you the meals you can make from the current stock in your cupboards.

Keywords

Database

Home

Shopping list

Cookbook

Stock keeping

Recipe sharing

Food

ingredients

Risk Plan

Risk	Likelihood	Impact	Mitigation
Scope creep	medium	high	By having sprints and meetings with supervisor
Gold plating	low	high	By following sprints and keeping main functionality as priority
illness	medium	medium	By having sprints formed out even when ill, to see what needs to be done when recovered, as well as contingencies such as leaving time near tail end of the project
Code issues	high	medium	Very common issues, but with prior planning, testing and comments
Technology issues	medium	low	Do research on the technologies prior to development, make sure they can communicate