Traceability Document

Version 0.1

Client: A software toolbox for small retail shops

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Introduction

A project such as this can get really messy if we don't have a clear structure tying everything together. This document aims to provide such structure through the use of traceability.

Traceability allows verification that requirement specifications have been:

- Carried forward to the design specifications

- Implemented in the code

- Included in the test plan and cases

- Provided to the customer and user in the resulting system

We achieve this by creating a table that lists every requirement, critical ones being the first in the table, nice-to-haves being the last, and listing the affected module and files. This gives us a nice overview of which requirements have been realized, and/or how far in development they are.

Traceability Matrix

Requirement	Module	Files affected	Test	Passed
Store sales in database	Parser	main.py	?	x
Extendable API	Backend	app.py, config.py models.py, views.py inventory.py, product.py sales.py	?	x
API: uploading & editing	Backend	product.py	?	x
Web query the database	Frontend	package.json, productInfo.jsx DatePicker.jsx productInfoTableWrapper.jsx productSalesChartWrapper.jsx	?	x
Query for "koppelverkoop"	Backend	-	?	x
Query off premise	Frontend	-	?	x
Mobile barcode scanner	Frontend	scanner.css, scanner.jsx	?	x
Loyalty card	Backend	-	?	x
Contact card owner	Frontend	-	?	x
View purchasing prices	Frontend	-	?	x
Request sales during interval	Backend	sales.py	?	x
Scan updated prices	Frontend	-	?	x

Change log

Who	When	Which section	What	Time
Abel & Florian	16.04.20	Whole document	wrote version 0.1	2h