

Traceability Document

Version 0.2

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

In the table below, requirements whose label have the prefix *c* are *critical* requirements, prefix *i* are *important* and prefix *u* are *useful*.

Requirement	Module	Files affected	Tests	Passed
c1	Frontend	All frontend files	retaily.site	✓
c2	Backend	- - - -	?	x
c3	Parser	-	?	x
c4	Frontend	-	?	x
i1	Frontend	-	retaily.site	✓
i2	Barcode Scanner	-	?	x
i3	KoppelVerkoop	-	?	x
i4	Backend	-	?	x
i5	Backend	-	?	x
u1	Backend	-	?	x
u2	Backend	-	?	x

Note: Tests that state "retaily.site" aren't necessarily tests, however, using the website that is accessed via visiting 'retaily.site' would pass that specific requirement.

Change log

Who	When	Which section	What	Time
Abel & Florian	16.04.20	Whole document	Wrote version 0.1	2h
Abel	25.05.20	Traceability Matrix	Updated requirements to the up-to-date ones	30min