

Design (Functional & Graphical) plan

Smoke-it web shop

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S3-CB03

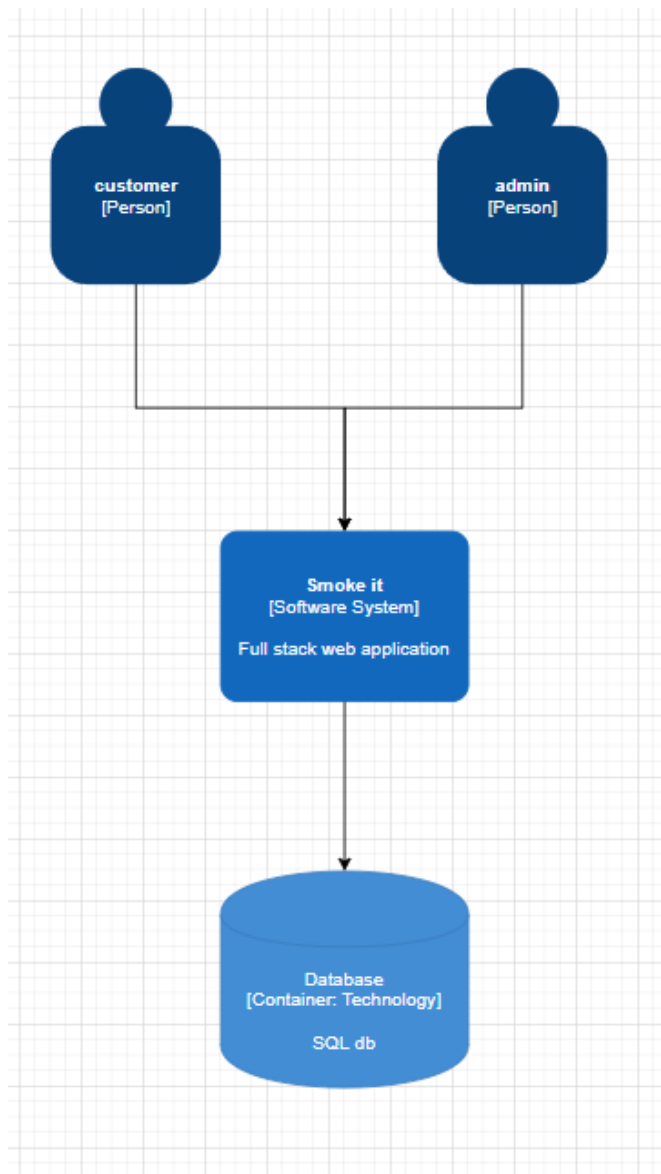
2021

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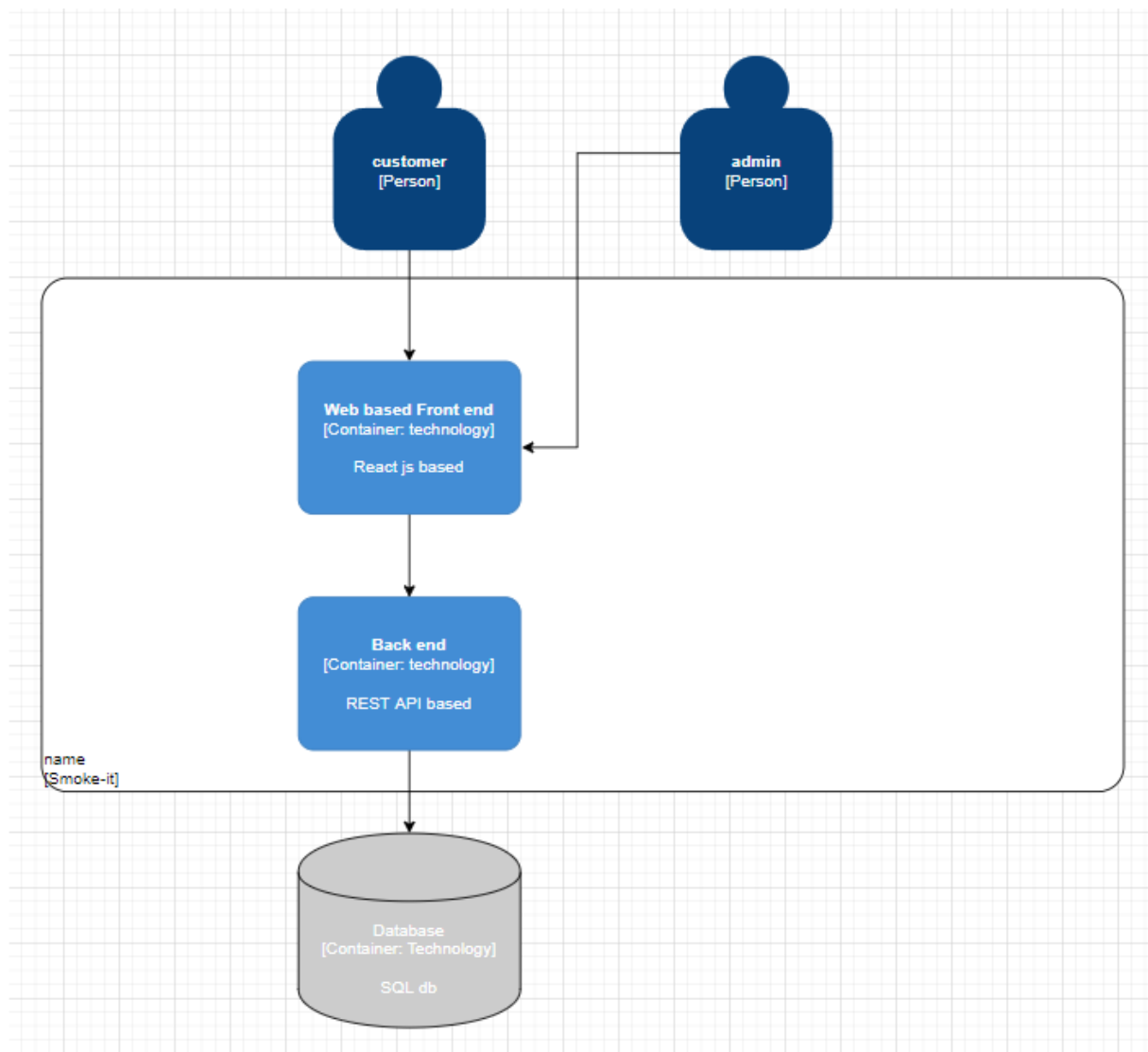
C4 diagram

C1:



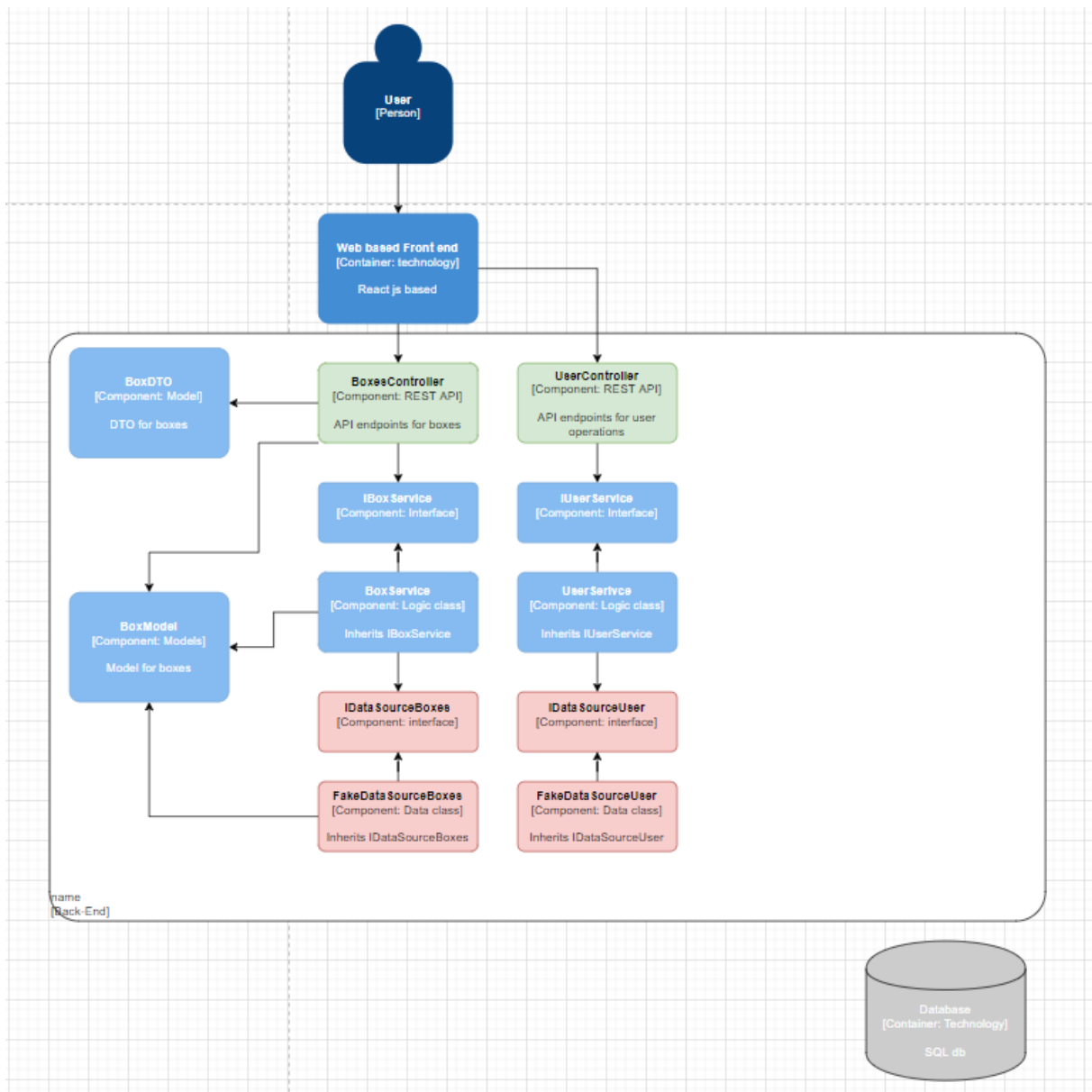
The C1 architecture is quite simple. At this point in time there is only 1 system being created and used. This is the smoke it software system. This system will at 1 point start to communicate with a database. For this reason it is added to the C1 architecture. As 'actors' there are customers and admin.

C2: Zooming in on the Smoke-It software system



The software system mentioned in C1 can be split up into 2 key components. These components will be a React Js based front end and a REST API based back end. The user will be able to interact with the front end, which will contact the back end via the API endpoints.

C3: Zooming in on the back end



In this C3 diagram we zoom in on the back end application. The user still interacts with the back end via the React based front end. The structure in the back end should be quite clear. The multiple controllers form the API, which the front end can reach via the created endpoints. These controllers in their turn use a service class. This class handles the logic of the system. In this first version, the service layer talks to a fake DB class, containing some fake data. To prevent dependency on the service or DB class, interfaces have been created. They are inserted in between the layers to invert the dependency. Doing this makes it easier to, for example, switch out our fake data source for a real one.

Screenshots backlog

Projecten / Smoke-It / epic toevoegen / SMOK-1

As a customer, I can see all available subscription boxes so I can choose which one suits me best.

Bijvoegen Onderliggende issue toevoegen Link issue ...

Beschrijving

Dependency	-
Acceptance criteria	
I can see a list of all boxes.	
I can see the base price of all boxes.	
I can order all boxes based on the base price.	

Projecten / Smoke-It / epic toevoegen / SMOK-2

As a customer I can see an individual box so I can see specific details about the box.

Bijvoegen Onderliggende issue toevoegen Link issue ...

Beschrijving

Dependency	SMOK1
Acceptance criteria	
I can click on any box in the list of boxes.	
I get redirected to the page of the selected box.	
I can see all information of the selected box	

Projecten / Smoke-It / epic toevoegen / SMOK-6

As a customer I can see the fluctuating price of an box So I can decide how many boxes I wish to receive.

Bijvoegen Onderliggende issue toevoegen Link issue ...

Beschrijving

Dependency	SMOK2
Acceptance criteria	
I can select the duration of my subscription.	
I can select the total amount of boxes I wish to receive in this duration.	
I can see the price fluctuate based on the amount of boxes I wish to receive.	

Projecten / Smoke-It / epic toevoegen / SMOK-8

As a customer I can continue to checkout So I can give my personal information.

Bijvoegen Onderliggende issue toevoegen Link issue ...

Beschrijving

Dependency	SMOK6
Acceptance criteria	
I can only click the button once I have chosen a subscription duration and total amount of boxes.	

Projecten / Smoke-It / epic toevoegen / SMOK-7

As a customer I can give all my personal/shipping information So I can continue to the payment.

Bijvoegen Onderliggende issue toevoegen Link issue ...

Beschrijving

Dependency	SMOK7
Acceptance criteria	
I can login to auto-fill all my information.	
I can insert my personal information.	
I can insert my shipping information.	
I can continue only once all necessary fields have been filled.	

1

Nog doen

Vastgezette velden

Priority98

LabelsCustomer-Shop

Story point estimate3

Details Sprint

Aangemaakt 3 dagen geleden

Biigewerkt 2 minuten geleden

Configureren

1

Nog doen

Vastgezette velden

Priority95

LabelsCustomer-Shop

Story point estimate3

Details Sprint

Aangemaakt 3 dagen geleden

Biigewerkt 2 minuten geleden

Configureren

1

Nog doen

Vastgezette velden

Priority92

LabelsCustomer-Shop

Story point estimate8

Details Sprint

Aangemaakt eergisteren

Biigewerkt 3 minuten geleden

Configureren

1

Nog doen

Vastgezette velden

Priority90

LabelsCustomer-Shop

Story point estimate1

Details Sprint

Aangemaakt eergisteren

Biigewerkt 4 minuten geleden

Configureren

1

Nog doen

Vastgezette velden

Priority88

LabelsCustomer-Shop

Story point estimate3

Details Sprint

Aangemaakt eergisteren

Biigewerkt 4 minuten geleden

Configureren

As a customer I can pay using IDEal So I can complete my order

Bijvoegen Onderliggende issue toevoegen Link issue ...

Beschrijving

Dependency	SMOK8
Acceptance criteria	
I can choose the bank I want to use for the transaction	
I get redirected to the payment site of my bank	

As a customer I, can create an account, so I can track my bought subscriptions.

Bijvoegen Onderliggende issue toevoegen Link issue ...

Beschrijving

Dependency	
Acceptance criteria	
I can create an account during checkout	
I can create an account via the new account page	
I can submit a username(Unique), password(Min length: 8 char, min. 1 letter, number, special char) and email address(valid: m@m.domain) for my account	
I get a error message if my username if already in use	

As an customer, I can login to the website, to look at my order history

Bijvoegen Onderliggende issue toevoegen Link issue ...

Beschrijving

Dependency	SMOK10
Acceptance criteria	
I can login via the login button	
I can supply my username and email address	
I receive confirmation about the login attempt	

As a customer, I can see my order history, so I can track my expenses

Bijvoegen Onderliggende issue toevoegen Link issue ...

Beschrijving

Dependency	SMOK17
Acceptance criteria	
I can see a list of all previously bought subscriptions.	
I can see the details (Purchase date, price, amount of received boxes, duration of the subscription) of a specific previously bought subscription.	

As an customer I can see the news feed So I can stay up to date

Bijvoegen Onderliggende issue toevoegen Link issue ...

Beschrijving

Dependency	-
Acceptance criteria	
I can see all posted news items	
I can refresh the news feed to get possible new news items	

As a customer, I can contact smoke-it, so I can ask question/give suggestions

Bijvoegen Onderliggende issue toevoegen Link issue ...

Beschrijving

Dependency	
Acceptance criteria	
I can ask my question/give feedback via the contact form.	
I can enter my email-address to which should be replied.	
I can enter my name to which the reply should be addressed.	
I receive an confirmation email stating the success of the contact attempt.	

1

Nog doen

Vastgezette velden

Priority85

LabelsCustomer-Shop

Story point estimate5

Details Sprint

1

Nog doen

Vastgezette velden

Priority80

LabelsCustomer-Shop

Story point estimate5

Details Sprint

Aangemaakt eergisteren

Biggewerkt 7 minuten geleden

Configureren

1

Nog doen

Vastgezette velden

Priority79

LabelsCustomer-Shop

Story point estimate3

Details Sprint

Aangemaakt eergisteren

Biggewerkt 7 minuten geleden

Configureren

1

Nog doen

Vastgezette velden

Priority68

LabelsCustomer-Shop

Story point estimate5

Details Sprint

Aangemaakt eergisteren

Biggewerkt 6 minuten geleden

Configureren

1

Nog doen

Vastgezette velden

Priority60

LabelsCustomer-Shop

Story point estimate2

Details Sprint

Aangemaakt eergisteren

Biggewerkt 12 minuten geleden

Configureren

1

Nog doen

Vastgezette velden

Priority40

LabelsCustomer-Shop

Story point estimate5

Details Sprint

Aangemaakt eergisteren

Biggewerkt 10 minuten geleden

Configureren

As a customer, I can see the information page, to get information about Smoke-It

Bijvoegen Onderliggende issue toevoegen Link issue ...

Beschrijving

Dependency	
Acceptance criteria	
I can see the information (plain text) put up by the admins.	
I can see photos(PNG) giving more context to the given information.	

Nog doen

Vastgezette velden	
Priority	38
Labels	Customer-Shop
Story point estimate	2
Details Sprint	

As an admin, I can CRUD subscription boxes, in order to keep the website up-to-date

Bijvoegen Onderliggende issue toevoegen Link issue ...

Beschrijving

Dependency	-
Acceptance criteria	
I can add new boxes by supplying a Name, base price (in euros), description, photo(PNG max ...MB?), contents	
I can see all existing boxes (Same as SMOK-1)	
I can edit existing box's information (Name, base price, description, photo(PNG max ...MB?), contents)	
I can delete existing boxes, after giving a delete confirmation.	

Nog doen

Vastgezette velden	
Priority	100
Labels	Admin-Shop
Story point estimate	13
Details Sprint	

Aangemaakt 3 dagen geleden
Bijgewerkt 6 minuten geleden

Configureren

As an admin, I can CRUD the information about Smoke-it, In order to keep the website up-to-date

Bijvoegen Onderliggende issue toevoegen Link issue ...

Beschrijving

Dependency	-
Acceptance criteria	
I can edit the information (plain text) displayed on the about us page.	
I can edit the information displayed on the contact page.	

Nog doen

Vastgezette velden	
Priority	78
Labels	Admin-Shop
Story point estimate	3
Details Sprint	

Aangemaakt eergisteren
Bijgewerkt 5 minuten geleden

Configureren

As an Admin, I can CRUD messages on the news feed, to keep my customers up-to-date

Bijvoegen Onderliggende issue toevoegen Link issue ...

Beschrijving

Dependency	
Acceptance criteria	
I can see the newsfeed	
I can add a new message to the newsfeed	
I can edit an existing message from the newsfeed	
I can delete an existing message from the newsfeed	

Nog doen

Vastgezette velden	
Priority	65
Labels	Admin-Shop
Story point estimate	2
Details Sprint	

Aangemaakt eergisteren
Bijgewerkt 5 minuten geleden

Configureren

As an employee, I can see a flag indicating the box packing/shipping urgency, so I know what boxes to pack first

Bijvoegen Onderliggende issue toevoegen Link issue ...

Beschrijving

Dependency	
Acceptance criteria	
I can see an exclamation mark (!) when there are boxes that need to be packed and shipping within 7 days.	
I can see an arrow (->) when there are boxes that are packed, but need to be shipped within 5 days.	

Nog doen

Vastgezette velden	
Priority	70
Labels	Stock
Story point estimate	13
Details Sprint	

Aangemaakt eergisteren
Bijgewerkt 5 minuten geleden

Configureren

As an employee, I can see the shipping details per box, In order to ship them to the correct location

Bijvoegen Onderliggende issue toevoegen Link issue ...

Beschrijving

Dependency	SMOK4
Acceptance criteria	
I can select an specific customers order	
I can see the personal/shipping information of the customer	
I can see additional notes added by the employee (notes added after a complaint, etc.)	

Nog doen

Vastgezette velden

Priority

75

Labels

Stock

Story point estimate

5

Details Sprint

Aangemaakt 3 dagen geleden
Bijgewerkt 6 minuten geleden

Configureren

As an employee I can see the amount of ordered boxes (per box type) So I know how many need to be packed

Bijvoegen Onderliggende issue toevoegen Link issue ...

Beschrijving

Dependency	-
Acceptance criteria	
I see a list of all boxes	
I see the amount of boxes needed (per box type) for a specified amount of time	
I can select the timeframe to consider	

Nog doen

Vastgezette velden

Priority

80

Labels

Stock

Story point estimate

8

Details Sprint

Aangemaakt 3 dagen geleden
Bijgewerkt 6 minuten geleden

Configureren

As an admin, I can login to the website, so I have access to the admin rights

Bijvoegen Onderliggende issue toevoegen Link issue ...

Beschrijving

Dependency	SMOK10
Acceptance criteria	
I can login via the login button	
I can supply my username and email address	
I receive confirmation about the login attempt	

Nog doen

Vastgezette velden

Priority

99

Labels

Admin-Shop

Story point estimate

3

Details Sprint

Aangemaakt 2 minuten geleden
Bijgewerkt 39 seconden geleden

Configureren

Front end drafts

Main page:

Box list page/Admin view:

Box List – admin

Smoke-It

Boxes		Info		Contact		Login
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+

○ \$30 △

○ \$30 △

○ \$30 △

○ \$15 △

○ \$15 △

○ \$15 △

Single box page/Admin view:

Single box

Smoke-It

Boxes		Info		Contact		Login
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Contents

\$30

Description text

Order

Single box - Admin

Smoke-It

Boxes		Info		Contact		Login
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Contents

\$30

Description text

Order

Stock box list page:

Stock list screen

Smoke-It		
Boxes		Login
Info		
Contact		
Box type 1	!	24
Box type 2	!	9
Box type 3		6
Box type 4		18

Stock single box page:

Smoke-It					
Boxes		Info		Contact	Login
Box type 1					! 24
Maarten - Roermond					15/09/21
Alessandro - Eindhoven					15/09/21
Miguel - Amsterdam					01/10/21
Jonie - Breda					01/10/21
Manon - Tilburg					01/10/21

Stock single order page:

Single order page			
Smoke-It			
Boxes		Info	Contact Login
Box type 1 <div>Box contents</div>		<div>Shipping information</div> <div> Set as packed Set as Send </div>	

Version History

When?	What?
09/09/2021	First draft of document. Added wireframes and screenshots of user stories
05/10/2021	Added the C4 diagrams with context for each diagram for the current state of the project.