myVet spec

We need a system developed for www.myvet.dk (current frontend on test.myvet.dk) that allows pet owners to retrieve quotes for vets. Users get quotes from 3 vets. The vets themselves are not involved – we have their price lists and can ask them when needed for a custom price. We make money by sending clients to the vets (we get a cut for each booking).

Typical flow

- Part 1: Request gets sent
 - User goes to site
 - User fills out information about his animal and the procedure(s) the animal needs (for example it might needs to be vaccinated)
 - User presses submit
 - System stores the request in myVet backend and a notification is sent to admin
- Part 2: Admin handles request
 - o Admin logs into backend and looks at incoming requests
 - Admin opens one of them and handles it by selecting 3 vets who can do the procedure
 - Admin presses "preview"
 - System generates a quote mail that has quotes for the procedure the user wanted from 3 vets
 - Admin might edit a few things in the quote mail, then presses submit
 - System sends quote mail to user
- Part 3: User receives request and selects vet
 - User clicks a "book vet" link in the received email for one of the vets
 - System stores which vet was selected
 - Rest is manual routines

The system consists of the following modules

- The site test.myvet.dk (will later move to <u>www.myvet.dk</u>). It is Wordpress with the theme "Divi" by Elegant Themes
- Front end
 - Request form
 - o Request sent confirmation page
 - o Vet selection confirmation page
- Back end
 - Requests
 - o View request details
 - Prepare quote mail and preview
 - Vet finder

What we have

- We already have a site to host it: test.myvet.dk
- We have a mock-up of how the request form should look: front-end.png and .psd
- We have a mock-up of how the request form should behave: https://live.uxpin.com/896ee3d859634e06fd0e4fa504aa589a6474a89c#/pages/26810422
- We have a proposed database design: Database tables v2.xlsx
- We have sample data to put into the database (same file as above)

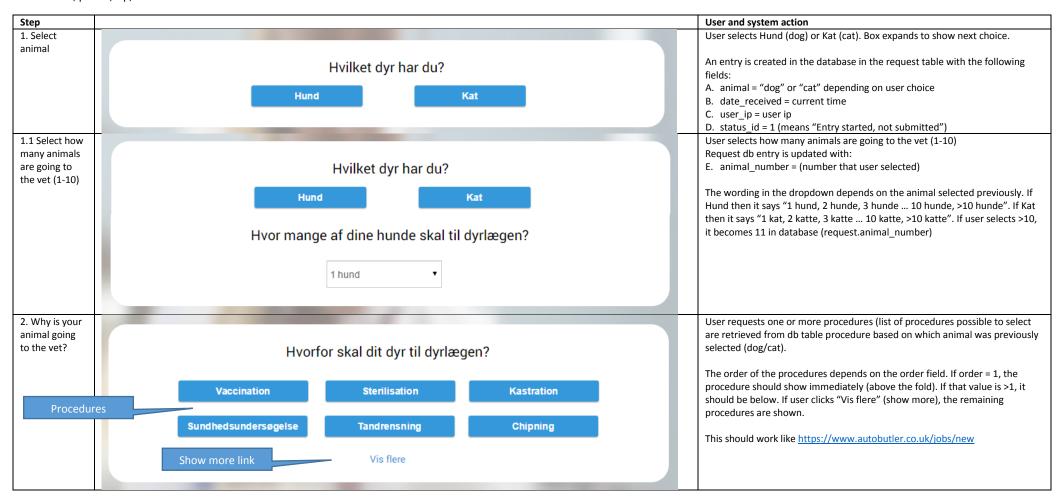
Technical requirements

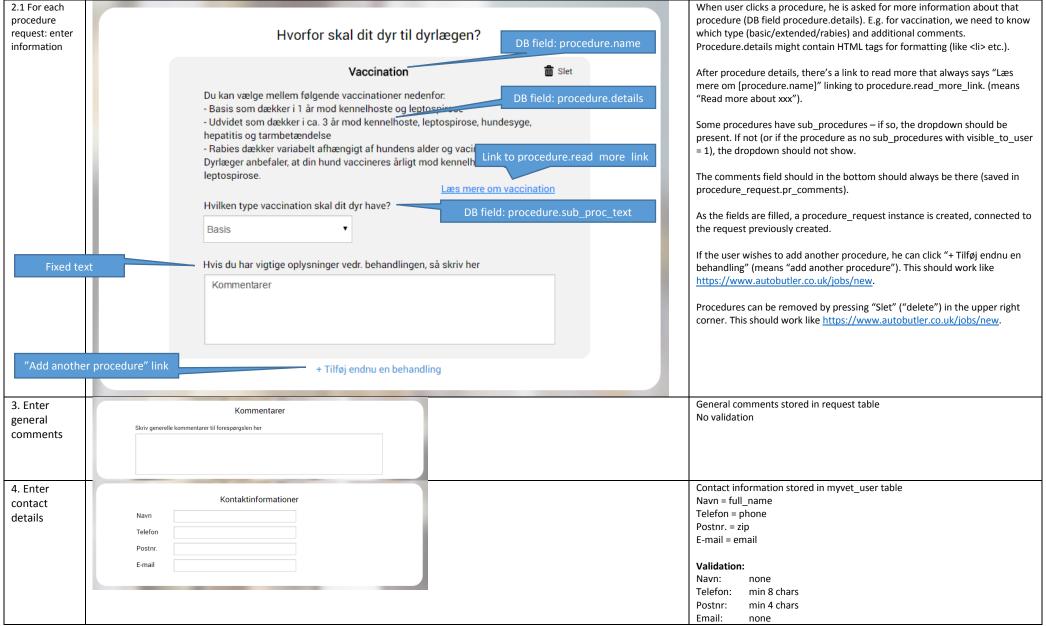
- Front end must be responsive and look nice on phones, tablets and computers
- Front end must be compatible with IE9+, Chrome 40+, Safari 7+, Android browser 4+, Safari iOS 7+
- If you can find a jQuery plugin or similar that supports the behaviour depicted on UXpin, please do. I need to confirm that it covers our needs first though. If you can't find anything, you'll have to custom code it
- When user enters info in form, info is saved in the DB right away with asynchronous calls, even if user never presses submit
- Use Roboto font

Front end

The front end consists of a request form that asks the user the things below (real design not depicted here – see front-end.png). NB! Responsiveness should be like with autobutler.dk

- Select animal (cat/dog)
 - 1.1. Select how many animals are going to the vet (1-10)
- Why is your animal going to the vet?
 - Request or more procedures (vaccination/sterilisation/castration etc.). Procedures can subsequently be removed
 - 2.1. For each procedure request: enter information. For all procedure requests, user can enter comments. For some procedure types, user has to select a sub procedure (like for vaccination choose either "basis" or "extended")
- Enter contact details
 Name, phone, zip, email





Once the submission has been completed, records have been created in the DB and the user is redirected to a thank you page (/tak-for-din-henvendelse). One request could create the following records in the following tables:

request					
id	10				
user_id	20				
date_received	25-11-2015 16:22				
user_ip	176.20.20.17				
animal	dog				
animal_number	1				
status id	2				

id	20
full_name	Mads Schjølin
zip	3670
email	madssc@gmail.com
phone	61716148

procedure_request					
id	15				
request_id	10				
procedure_id	17				
sub_procedure_id	44				
	I prefer a vet who's				
	experienced with				
pr_comments	Labrador dogs				

Back end

The backend consists of various tables that allow the admin to A) manage the master data and B) handle the incoming requests submitted by users.

- A. Master data (full data set provided for all these in separate XLS)
 - 1. Procedures
 - 2. Sub procedures
 - 3. Status
 - 4. Vets
 - 5. Myvet reps
 - 6. List prices
 - 7. Emails
- B. User data
 - Users
 - 2. Requests

All tables must be sortable and searchable by all fields. Admin must be able to add/edit/delete every value in every table (except autonumber field like id). Admin must be able to delete multiple entries.

A) Master data

The master data part of admin is mostly just tables that the admin will rarely modify.

A-1) Procedures

pro	procedure							
id	animal	name	visible_to_user	details	order	read_more_link	sub_proc_text	
1	dog	Aflivning	1		1	/behandling/hund/aflivning	Skal din hund kremeres og hvor meget vejer den ca.?	
2	dog	Blodprøve	1		4	/behandling/hund/blodproeve	Hvor meget vejer din hund ca.?	
3	dog	Chipning	1		2	/behandling/hund/chipning		
4	dog	Drægtighedsscaninning	1		4	/behandling/hund/draegtighedsscaninning		
5	dog	EU pas	1		3	/behandling/hund/eu-pas	Skal din hund have nyt pas eller stempel?	
6	dog	Hvalpepakke	1		1	/behandling/hund/hvalpepakke		

A-2) Sub procedures

sub_	sub_procedure								
id	procedure	name	visible_to_user						
1	Aflivning	Inkl. kremering, under 10 kg	1						
2	Aflivning	Inkl. kremering, 10-19 kg	1						
3	Aflivning	Inkl. kremering, 20-30 kg	1						
4	Aflivning	Inkl. kremering, over 30kg	1						
5	Aflivning	Ekskl. kremering, under 10 kg	1						
6	Aflivning	Ekskl. kremering, 10-19 kg	1						

The front page that admin sees when logging in should shore core KPI's like:

Requests	Submittted	Answered	Vet booked	
This week	8	5	1	
This month	34	30	6	
Last month	60	55	18	

Typical flow that admin goes through:

- 1. Log in to admin
- 2. Check out list of requests some are usually new and not yet answered, so admin can now answer those. He picks one
- 3. View request details he reads what the user's animal is and what the user wants a quote for (symptoms or a specific treatment)
- 4. Admin goes to "prepare quote view" to a) define what procedure is relevant for the animal and b) define which vets are nearby and priced competitively (with the vet finder)
- 5. Admin then previews the quote mail the output of the quote view. Maybe he makes a few edits and then sends it out (now admin is done)
- 6. Now user will receive the email and possibly press the "book" button which updates the DB

A-3) Statuses

	,						
sta	status						
id	name						
1	Entry started, not submitted						
2	Request submitted						
3	Request answered						
4	Vet selected						
5	Discarded						
6	Others						

A-4) Vets

vet												
id	name	address_street	address_zip	address_city	phone	email	url	price_url	about_vet	contact_name	gps_lat	gps_long
1	Centrum Dyreklinik Kbh. V	Istedgade 91	1650	København V	33 31 12 80		http://www.centru	http://www.centrum	Specialiceret	Christa Gritt Dam Hede	55.6682882	12.5484079
2	Mobil Dyrlæge	Sankt Nikolaj Vej	1953	Frederiksberg C	35 34 26 84		http://mobildyrlae	http://mobildyrlaege	Specialiceret	Manouchehr Dabbagh	55.6551199	12.5789519
3	Frederiksberg Dyreklinik	Ndr. Fasanvej 74	2000	Frederiksberg	70 25 90 08						55.6583997	12.5923094
4	Dyreklinikken Ryesgade	Ryesgade 100	2100	København Ø	35 43 43 20		http://dyreklinikke	http://dyreklinikken-r	- Eget labora	Jesper Kilde	55.6005207	12.5188780
5	Østerbro Dyreklinik	Strandboulevarden 117	2100	København Ø	32 21 00 21						55.6269056	12.5458915
6	Østerbrogades Dyrlæger ApS	Østerbrogade 56A	2100	København Ø	35 42 18 00		http://xnsterbro		Specialiceret		55.6528547	12.5851204

A-5) Myvet reps

myvet_rep							
id	name	email					
1	Andreas	as@myvet.dk					
2	Mads	ms@myvet.dk					
3	Bastian	bh@myvet.dk					

A-6) List prices

procedure_list_price								
procedure	sub_procedure	vet	price	info				
Aflivning	Inkl. kremering, under 10 kg	Mobil Dyrlæge	760	Dit kæledyrs helbredstilstand				
Aflivning	Inkl. kremering, 10-19 kg	Mobil Dyrlæge	800	Inkl pas ved anden behanden				
Blodprøve		Østerbro Dyreklinik	1040	Iinklusiv et sundhedstjek og				

A-7) Emails

em	emails								
id	name	content							
1	quotemail_introtext_template								
2	quotemail_outrotext_template								

These texts are used for the beginning and end of the emails sent to users by admin. They contain dynamic fields that refer to DB fields. E.g. quote_mail_introtext_template could be:

Thanks for your request. Here are the quotes we've gotten for you:"

[[first_name]] should return the first word of myvet_user.full_name. The content should be editable with CKeditor so that HTML can be entered.

[&]quot;Hello [[first_name]],

B) User data

The master data part of admin is mostly just tables that the admin will rarely modify.

B-1) Users

my	myvet_user									
id	full_name	zip	email	phone						
1	Mads Schjølin	3670	madssc@gmail.com	61716148						
2	Andreas Schjølin	2720	andreas.schjolin@gmail.com	+4526208213						
3	Bastian Hansen	2000	bastian12@gmail.com	23997723						

B-2) Requests

Req id	Date ^	<u>Animal</u>	Procedure(s)	General comments	Customer name	<u>Zip</u>	<u>Status</u>	Actions
1530	18/7-2015 12:26	Dog	Hvalpepakke	re (none)		3520	Request	View details Send quote mail
							answered	
1644	16/8-2015 11:13	Dog	Tandrensning,	2 hunde. Vil også gerne have pris på	Jette Toft	5260	Request	View details Send quote mail
			Vaccination, Negleklip,	hudundersøgelse til den ene og negleklip			answered	
			Andet	til begge				
1659	14/8-2015 11:42	Dog	Tandrensning,	lda på 9 uger, er en blanding af Papillon	Stine Holst	8381	Request	View details Send quote mail
			Vaccination	og chihuahua, og skal nu sundhedstjekkes,	Eliasen		answered	
				chippes og vaccineres.				

There must be a list of checkboxes like below so admin can filter by which statuses he wants to see. Default: all checked. Default sorting: date.

Entry started, not submitted

✓ Request submitted

✓ Request answered

Vet selected

□ Discarded

Other

This part (requests) is where the admin will spend most of his time. When user submits a request, it appears here. A request has a status that depends on how far it has come in the system:

Status = 1 Entry started, not submitted When user has typed some info, but not pressed submit in the form yet

• Status = 2 Request submitted When user has submitted a request, but admin hasn't answered the request yet

• Status = 3 Request answered When admin has answered the request

• Status = 4 Vet selected When user has selected a vet

• Status = 5 Discarded If it's a spam submission, duplicate or some other reason to discard it

• Status = 6 Other If admin decides it's another category

When admin presses "view details" for a request, he sees the tables on the next pages. We have provided 3 examples here. The same examples are provided in the sample data Excel sheet provided. With this, you can program it and compare output to the tables on the next pages.

View request details (example 1)

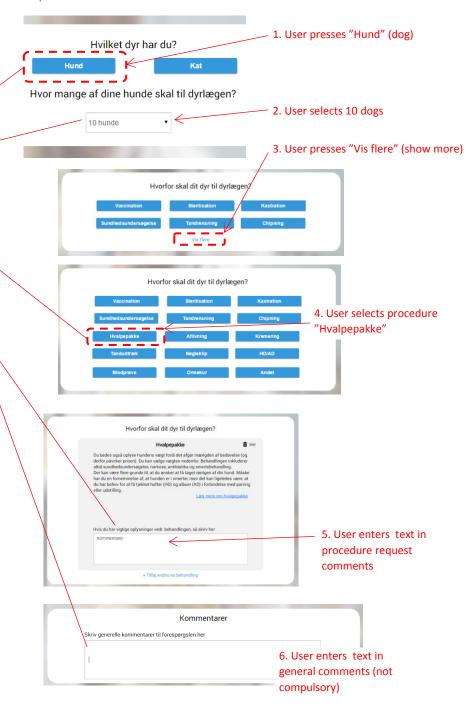
view reques	c details (example 1)				
Request id			1530		
Status			2 - Request submitted		
Date			18/7-2015 12:26		
lp			188.178.235.60		
USER					
Name			Bastian Hansen		
Zip		A	3520		
Email			b.broby@hotmail.com		
Phone			42 70 70 92		
INPUT FROM USER					
Animal			Dog		
Animal_number			10		
General_comments			(none)		
PROCEDURES REQU	ESTED				
	Name		Hvalpepakke		
	Sub procedure		(none)		
Procedure 1	Procedure request comments		Hvalpekuld, som skal have alt det normale et		
			hvalpekuld skal have første gang hos dyrlægen.		
			Der er 10 hvalpe.		
QUOTE INFO SENT 1	TO USER				
	No quote se <mark>nt</mark>	. <u>Prepa</u>	re quote now		

This shows how data that user enters looks when admin sees it in the back end <u>before</u> he has handled the request by preparing a quote. On the next page you can see what happens after admin presses "prepare quote now" link.



7. User enters contact info and submits

Example of user data entered



Prepare quote view

Trepare qu	TOTE VIEW				
Request id			1530		
Status			Request submitted		
Date			18/7-2015 12:26		
lp			188.178.235.60		
USER					
Name			Bastian Hansen		
Zip			3520		
Email			b.broby@hotmail.com		
Phone			42 70 70 92		
INPUT FROM USE	ER				
Animal			Dog		
Animal_number			10		
General_commer			(none)		
PROCEDURES RE					
	Name		Hvalpepakke		
	Sub proced		5 eller flere hvalpe		
Procedure 1	Procedure r	equest comments	Hvalpekuld, som skal have alt det normale et		
			hvalpekuld skal have første gang hos dyrlægen.		
			Der er 10 hvalpe.		
QUOTE INFO SEN	IT TO USER				
Quote sent by			Andreas Schjølin		
Quote sent date					
Quotemail intro t			(standard)		
Quotemail outro			(standard)		
	Name		Hvalpepakke		
	Sub proced	ure	(none)		
	Procedure r	equest comments	Hvalpekuld, som skal have alt det normale et	-	
			hvalpekuld skal have første gang hos dyrlægen.		
		1	Der er 10 hvalpe.		
		Vet	Der er 10 hvalpe. (none selected)		
	Quote 1	Price	·		
	Quote 1	Price Custom price?	·		
Procedure 1	Quote 1	Price Custom price? Quote details	(none selected)		
Procedure 1	Quote 1	Price Custom price? Quote details Vet	·		
Procedure 1		Price Custom price? Quote details Vet Price	(none selected)		
Procedure 1	Quote 1 Quote 2	Price Custom price? Quote details Vet Price Custom price?	(none selected)		
Procedure 1		Price Custom price? Quote details Vet Price Custom price? Quote details	(none selected) (none selected)		
Procedure 1		Price Custom price? Quote details Vet Price Custom price? Quote details Vet	(none selected)		
Procedure 1	Quote 2	Price Custom price? Quote details Vet Price Custom price? Quote details Vet Price	(none selected) (none selected)		
Procedure 1		Price Custom price? Quote details Vet Price Custom price? Quote details Vet Price Custom price?	(none selected) (none selected)		
Procedure 1	Quote 2	Price Custom price? Quote details Vet Price Custom price? Quote details Vet Price	(none selected) (none selected)		
Procedure 1 Vet1 discount	Quote 2	Price Custom price? Quote details Vet Price Custom price? Quote details Vet Price Custom price?	(none selected) (none selected)		
	Quote 2	Price Custom price? Quote details Vet Price Custom price? Quote details Vet Price Custom price?	(none selected) (none selected) (none selected)		
Vet1 discount	Quote 2	Price Custom price? Quote details Vet Price Custom price? Quote details Vet Price Custom price?	(none selected) (none selected) (none selected)		
Vet1 discount Vet2 discount Vet3 discount	Quote 2	Price Custom price? Quote details Vet Price Custom price? Quote details Vet Price Custom price?	(none selected) (none selected) (none selected) 0 0 0		
Vet1 discount Vet2 discount	Quote 2	Price Custom price? Quote details Vet Price Custom price? Quote details Vet Price Custom price?	(none selected) (none selected) (none selected) 0 0		

After admin has filled in data

All fields are text boxes or dropdowns so that admin can quickly change what he wants. Any field that is based on a list of options from a DB table is a dropdown, otherwise text input or text area if long text

This is the name of the myvet_rep who is logged into admin

Date is set when admin presses send

Admin can customize in a wysiwyg HTML editor or use the standard text in emails.

- quotemail_introtext_template and emails.quotemail_outotext_template. Default is standard.

If admin customizes, editor contains standard text so admin can modify.

Admin can change which procedure the user wants. Sometimes we call the user to clarify and it turns out it's something else they need. If so, admin can change. A dropdown should allow the admin to choose a different procedure (only show procedures for the selected animal)

Admin can also change sub procedure. All sub procedures for the selected procedure are available to the admin. If sub procedures are

Clicking the vet name (or "(none selected)") opens a popup: Vet Finder (see next page). Here, the admin can select three vets

If admin decides to edit the price, custom price changes from "List" to "Custom"

Admin can add discounts to the total price if he wants

If user presses booking button in quotemail, date of pressing the button and the vet he chose is registered here

Vet finder

Which vets the admin selects depends mostly on distance from the user and price. We have the user's zip code, and based on a table that I provide, you have GPS coordinates of the zip codes. The vet table has GPS coordinates also, so it's just calculating the distance between the two sets of coordinates. Here's a simple script for doing that: http://www.geodatasource.com/developers/php. If it's easier for you, I can also provide a table with all vets horizontally and all zips vertically with distances between each in fields (with ~500 vets and ~1300 zip codes, it's going to be a big table).

Default sorting: by distance (short first). Pagination: 20 results per page (10 if 20 makes it slow).

Procedure: Hvalpepakke
Sub procedure: 4 eller flere hvalpe

Sub procedure: 4 eller flere hvalpe								
Distance	Vet name	Price	Partner status	About vet	Quote details	Action		
1 km	Grundtvigs Dyreklinik	1300	1	Grundtvigs Dyreklinik tilbyder dyrejere	Udvidet sundhedsundersøgelse, første vaccination, chipmærkning og registrering i Dansk Hunderegister	REMOVE		
2 km	Dyreklinikken Rungstedvej ApS	800	1	PRIS KUN GYLDIG VED OPLYSNING OM, AT	inkluderer den bredest dækkende paraplyvaccine Durammune DAPPiL, Eurican DHPPi2L eller Nobivacc DHPPiL, Chipmærkning og Registrering til Hunderegister	SELECT		
5 km	Østerbrogades Dyrlæger ApS	1100	1	Specialiceret indenfor: - Krybdyr og gnavere	Lorem ipsum	SELECT		
6 km	n Farum Dyreklinik		0	Specialiseret indenfor: - Hud og øjensygdomme	inkluderer L4 vaccine, Chipmærkning og Registrering til Hunderegister	SELECT		
	RETURN TO PREPARE QUOTE				<< PREVIOUS 20 VETS NEXT	7 20 VETS >>		

If admin presses SELECT, background color for that row becomes green and link changes to REMOVE. Admin can select no more than 3 vets. Once he's done, he can click "Return to prepare quote". On the next page, "prepare quote view after vet finder has been used" is shown.

Prepare quote view (after vets have been selected)

Request id			1530		
Status			Request submitted		
Date			18/7-2015 12:26		
lp			188.178.235.60		
USER					
Name			Bastian Hansen		
Zip			3520		
Email			b.broby@hotmail.com		
Phone			42 70 70 92		
INPUT FROM USER	₹				
Animal			Dog		
Animal_number			10		
General_comment			(none)		
PROCEDURES REQ					
	Name		Hvalpepakke		
	Sub proced		4 eller flere hvalpe		
Procedure 1	Procedure r	equest comments	Hvalpekuld, som skal have alt det normale et		
			hvalpekuld skal have første gang hos dyrlægen.		
			Der er 10 hvalpe.		
QUOTE INFO SENT	TO USER				
Quote sent by			Andreas Schjølin		
Quote sent date			20/7-2015 12:00		
Quotemail intro te			(standard)		
Quotemail outro te			(standard)		
	Name		Hvalpepakke		
	Sub proced		4 eller flere hvalpe		
	Procedure r	request comments	Hvalpekuld, som skal have alt det normale et		
			hvalpekuld skal have første gang hos dyrlægen.		
			Der er 10 hvalpe.		
		Vet	Grundtvigs Dyreklinik		
		Price	1300		
	Quote 1	Custom price?	List		
		Quote details	Udvidet sundhedsundersøgelse, første vaccination,		
			chipmærkning og registrering i Dansk		
Procedure 1		Vot	Hunderegister Dygoldinikkon Byngstadygi Aps		
Procedure 1		Vet Price	<u>Dyreklinikken Rungstedvej ApS</u> 800		
			List		
	Quote 2	Custom price? Quote details	inkluderer den bredest dækkende paraplyvaccine		
	Quote 2	Quote details	Durammune DAPPiL, Eurican DHPPi2L eller		
			Nobivacc DHPPiL, Chipmærkning og Registrering til		
			Hunderegister		
		Vet	Farum Dyreklinik		
		Price	826,5		
	Quote 3	Custom price?	List		
	Quote 5	Quote details	inkluderer L4 vaccine, Chipmærkning og		
		Quote details	Registrering til Hunderegister		
Vet1 discount		<u> </u>	2700		
Vet2 discount			2050		
Vet3 discount			0		
Vet booked date			(none yet)		
			(none yet)		
Vet chosen					

Now, vets and their list prices are shown.

Admin can edit the price. If he does, Custom price field changes from "List" to "Custom"

New data after using vet finder

Admin can finally press "preview quote mail" to see how the email that gets sent to the user will look

Preview quote mail

Preview quote mail

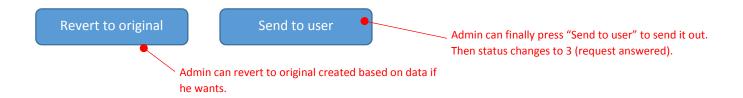
The quote mail is what the user receives once the admin is ready to send it. Admin can preview it in a WYSIWYG editor (e.g. CKeditor, latest version – it's important that in can handle tables well). With the editor, he can change any text he wants (to ensure full flexibility). Once any editing happens, any changes to the quote in the previous view will not be reflected in the quote mail.

This is the structure with DB field names:

quotemail_introtext_template

	vet_1.name Tlf. vet_1.phone	vet_2.name Tif. vet_2.phone	vet_3.name Tlf. vet_3.phone	
	vet_1.address_street, vet_1.address_zip vet_1.address_city	vet_2.address_street, vet_2.address_zip vet_2.address_city	vet_3.address_street, vet_3.address_zip vet_3.address_city	
	vet_1.url	vet_2.url	vet_3.url	
request_A.animal_number x procedure.name	quote1A.price,-	quote2A.price,-	quote3A.price,-	
Behandlingen inkluderer	quote1A.quote_details	quote1A.quote_details	quote1A.quote_details	
request_B.animal_number x procedure.name	quote1B.price,-	quote2B.price,-	quote3B.price,-	
Behandlingen inkluderer	quote1A.quote_details	quote1A.quote_details	quote1A.quote_details	
request_C.animal_number x procedure.name	quote1C.price,-	quote2C.price,-	quote3C.price,-	
Behandlingen inkluderer	quote1A.quote_details	quote1A.quote_details	quote1A.quote_details	
Om dyrlægen	vet1.about_vet	vet2.about_vet	vet3.about_vet	
Rabat	vet1_discount	vet1_discount	vet1_discount	
Total	vet1_total	vet2_total	vet3_total	

quotemail_outrotext_template



Hello Bastian,

Thanks for your request. Here are the quotes we've gotten for you:

	Grundtvigs Dyreklinik Tlf. 21 62 85 42 Tuborgvej 266 B, 2400 København NV www.grundtvigs-dyreklinik.dk	Dyreklinikken Rungstedvej ApS Tlf. 45 86 15 80 Rungstedvej 16, 2970 Hørsholm www.dyreklinikkenrungstedvej.dk	Farum Dyreklinik Tlf. 44 95 03 88 Nygårdsvej 2, 3520 Farum www.farumdyreklinik.dk	Price = procedure.quote.price * request.animal_number In this case: 862,5 * 10
10 x Hvalpe-pakke	13.000	8.000	8.265	
Behandlingen inkluderer	Udvidet sundhedsundersøgelse, første vaccination, chipmærkning og registrering i Dansk Hunderegister	10 hvalpe. inkluderer den bredest dækkende paraplyvaccine Durammune DAPPiL, Eurican DHPPi2L eller Nobivacc DHPPiL, Chipmærkning og Registrering til Hunderegister	10 hvalpe. inkluderer L4 vaccine, Chipmærkning og Registrering til Hunderegister	
Om dyrlægen	Grundtvigs Dyreklinik tilbyder dyrejere sundhed og velvære til deres kæledyr. Liana der ejer klinikken, har i tre år har fungeret som chefdyrlæge på Dyreværnet i Rødovre og blandt andet gjort en forskel for de herreløse dy og arbejdet frivilligt med herreløse dyr i udlandet.	PRIS KUN GYLDIG VED OPLYSNING OM, AT HENVENDELSEN KOMMER FRA MYVET - Eget laboratorie - Overvågning af dyr I narkose (åndedrætsmonitorering, samt manuel overvågning i form af en uddannet person) - Tilknyttet hjertespecialist - Tilnyttet øjenspecialist - 16 års erfaring fra skadestue for smådyr	Specialiseret indenfor: - Hud og øjensygdomme - Hundeadfærd og ernæring	Total price = price - discount
		·		'
Rabat	2.700,-	2.050,-	0	- In this case: 8000 - 2050 = 5950
Total	10.300	5.950	8.265	
Thank you for your request to myVet! Best regards, Andreas Schjølin	When pressing book button, user is redirected confirmation page") on myVet.dk where request.id as a parameter and the vet.id the page can update request.vet_booked request.status_id will be updated to 4. The page for which we will create the front-end.	the booking is registered. By passing the selected (in the above case, vet.id is 7, d_date and request.chosen_vet_id. Also, he page that handles this will be a static	Book dyrlæge	_