

UI/UX Design for Web Applications

Nigel Smink
Data Access Europe



**Video
Productions**



Design



**UI/UX
Design**



Building for the future. Better, faster, everywhere.

SYNERGY2017

One cause, one database

We enjoy your great world of giving, which is why the Institute of Fundraising has twice voted us as the UK's best charity CRM database supplier, and named us among the sector's top five 'most committed' companies. Click on the blue 'donorflex insight' button below to find out why. Or choose the link that most describes you, below that, to enjoy a taste of the products and service we deliver.

donorflex insight

i'm a client

i'm browsing

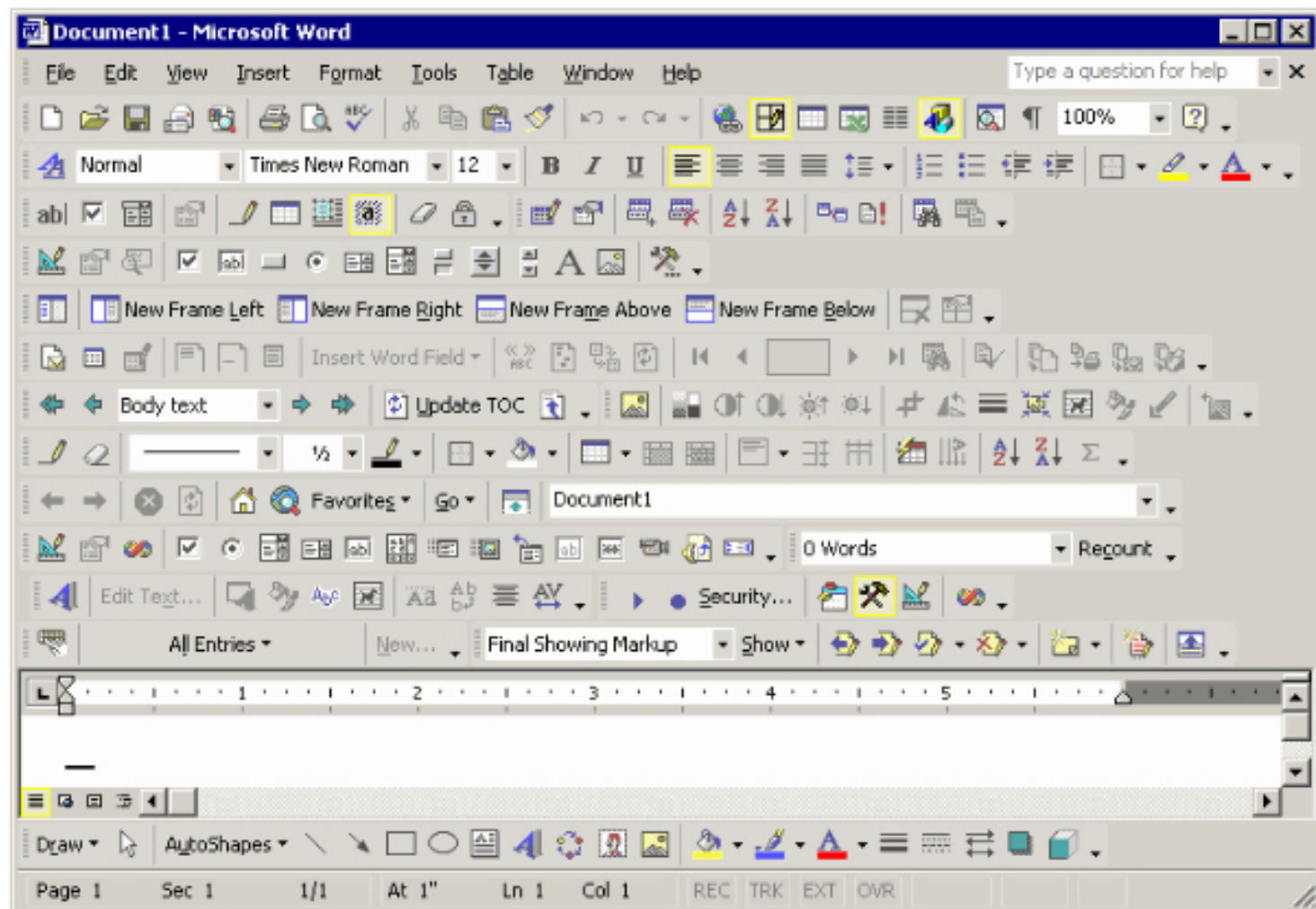
i'm researching

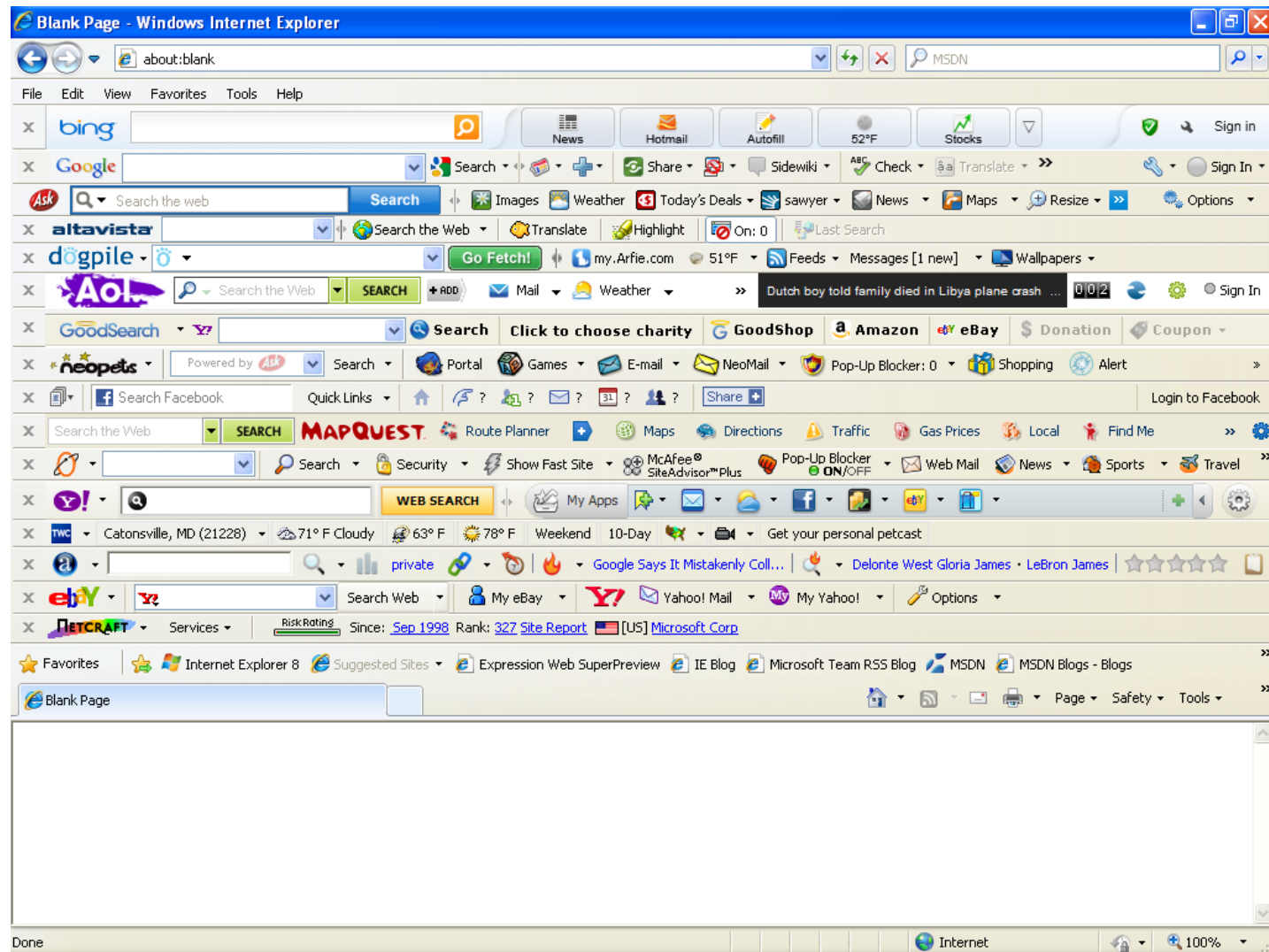
it's my decision

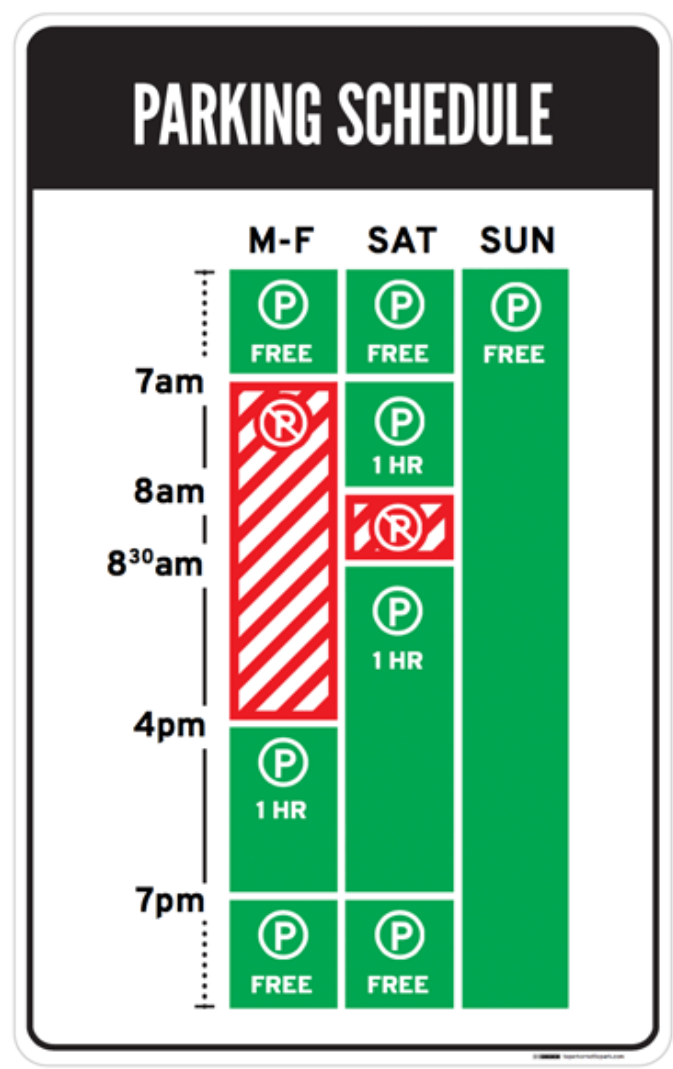
request demo

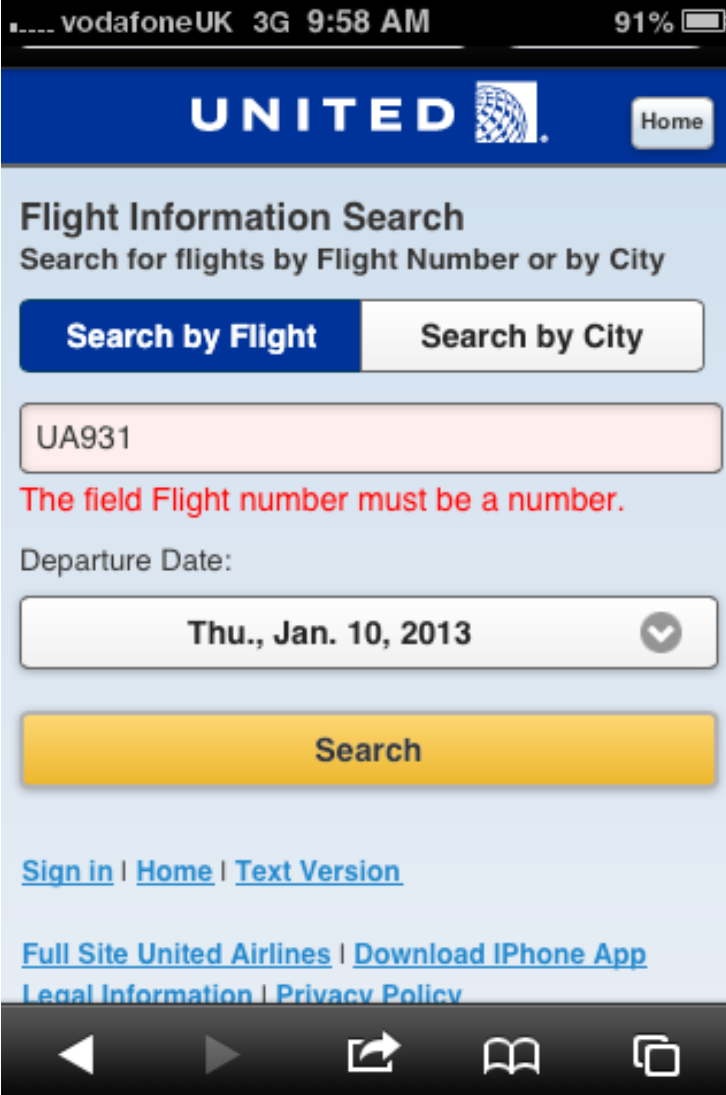
creative.dataaccess.eu

What is UI/UX Design?









Popularity

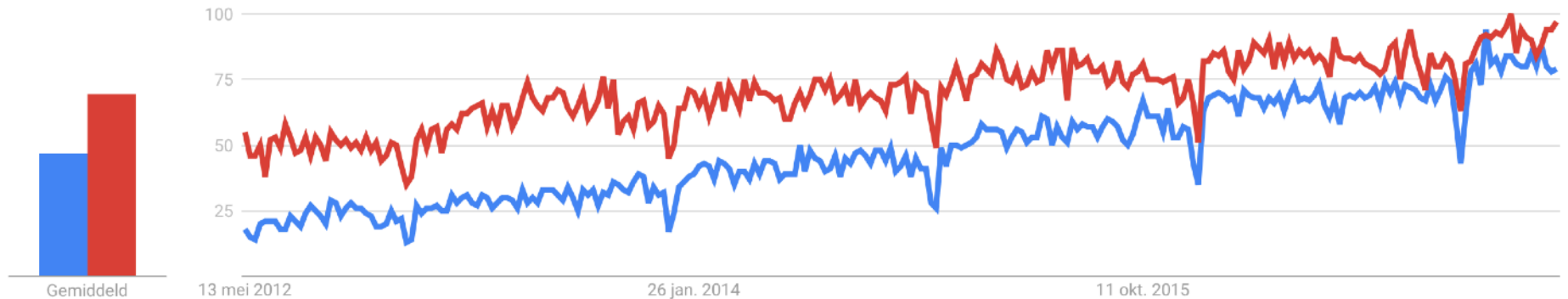


UI Design

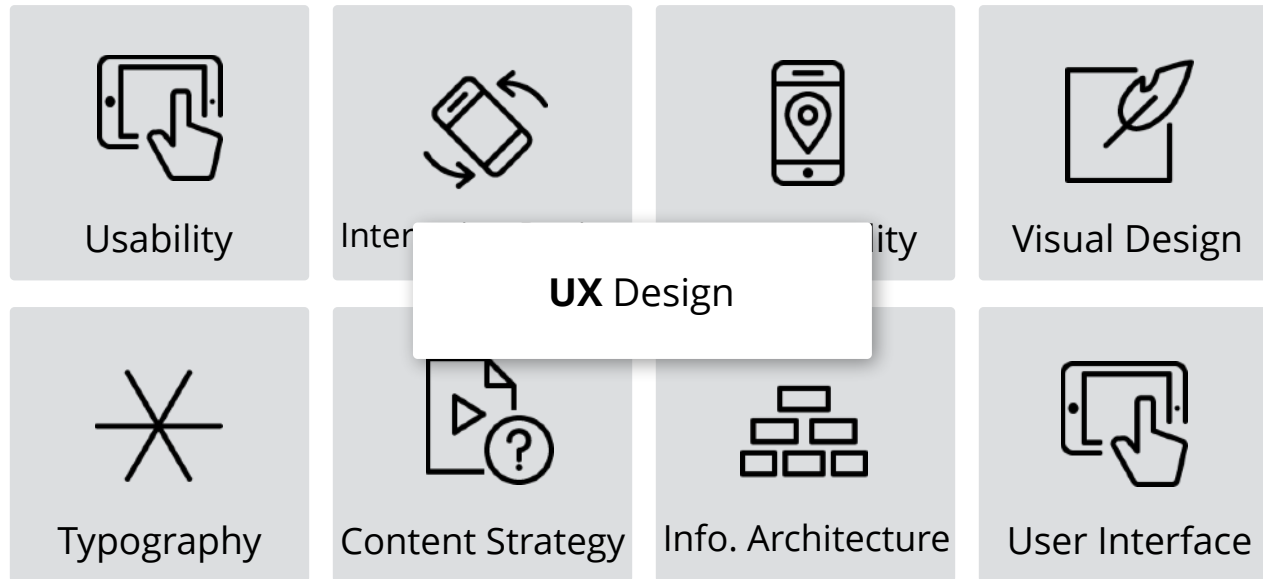


UX Design

Interesse in de loop der tijd ?

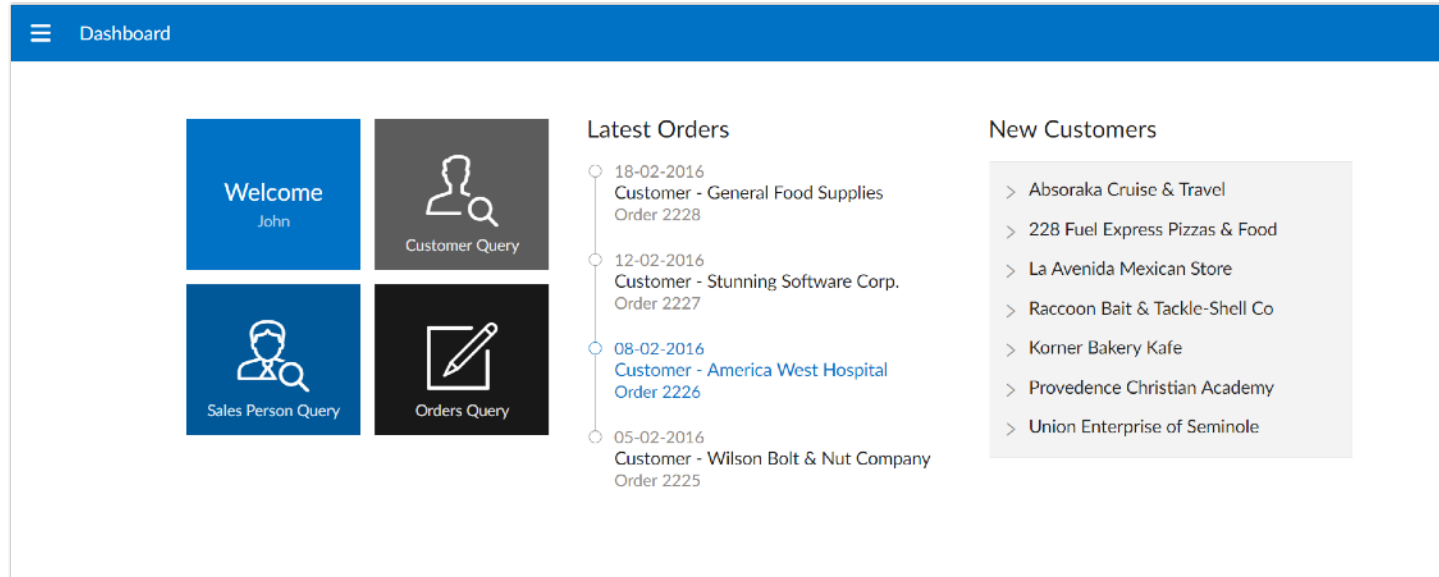


What is UX Design?




How does DataFlex aid UX Design?


Dashboard





Hamburger

 Dashboard

Welcome
John


Customer Query


Sales Person Query


Orders Query

Latest Orders

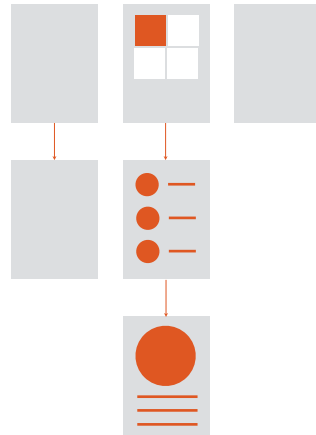
- 18-02-2016
Customer - General Food Supplies
Order 2228
- 12-02-2016
Customer - Stunning Software Corp.
Order 2227
- 08-02-2016
Customer - America West Hospital
Order 2226
- 05-02-2016
Customer - Wilson Bolt & Nut Company
Order 2225

Flat Desktop VS Flat Touch

[illegible]

Flat Desktop vs Flat Touch

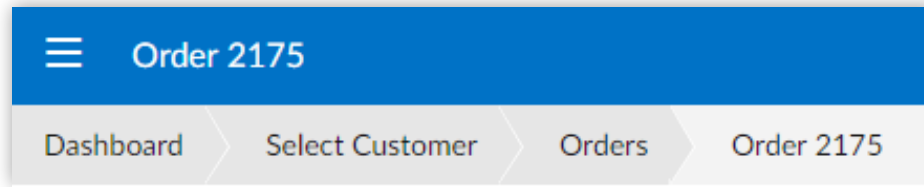
Touch



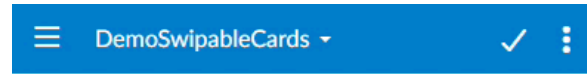
Desktop



Breadcrumb



Swipable Cards



Information part 1

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Donec quis blandit ipsum. Nullam fringilla sem in dolor volutpat, eu consequat nibh tristique. Fusce condimentum enim volutpat, semper ante a, posuere erat. Lorem ipsum dolor sit amet, consectetur adipiscing elit. Aliquam venenatis neque sodales, gravida ante viverra, condimentum risus. Vestibulum et massa facilisis leo porta laoreet eu sed dui. In convallis cursus tortor et aliquam. In feugiat ex in lectus tristique, ut eleifend elit bibendum. Nulla dignissim urna ante, ut feugiat metus bibendum a. Ut vel turpis ullamcorper nunc interdum rhoncus. Nullam eleifend nisl eget justo posuere congue.

Fusce vitae nibh ante. Nunc tincidunt leo neque, et feugiat ipsum aliquet eget. Sed lorem est, sagittis et tortor at, condimentum congue nisi. Maecenas laoreet, nisi in aliquam consectetur, sapien nibh sodales nisl, sodales scelerisque orci lorem a nisi. Proin fermentum sodales auctor. Integer commodo elementum orci, at luctus urna aliquet at. In condimentum purus vitae lectus imperdiet finibus. Pellentesque id nisi vel metus suscipit suscipit. Nunc fermentum vestibulum gravida.



Grid System


0	1	2	3	4	5	6	7	8	9	10	11
PersonId											
<input type="text"/>											
<div><div><--></div><div>.....</div><div><></div></div>											
FirstName											
<input type="text"/>											
LastName											
<input type="text"/>											
TelephoneNr											
<input type="text"/>											
EmailAddress											
<input type="text"/>											

Grid System

0	1	2	3	4	5	6	7	8	9	10	11
PersonId											
<input type="text"/>											
FirstName											
<input type="text"/>											
LastName											
<input type="text"/>											
TelephoneNr											
<input type="text"/>											
EmailAddress											
<input type="text"/>											

Base theme: Flat Touch

Main Colors

Main:  #0072c6
 Highlight:  #f4a11e
 Darkest shade:  #181818
 Lightest shade:  #ffffff
 Error:  #b72025
 Warning:  #f4a11e

Variations

Shades

 Download theme

Demo Drill Down (Select)

 Demo Drill Down (Select)

Title Nr. 0

[Detailed description...](#)

11/27/2017 19:43:57



Title Nr. 1

[Detailed description...](#)

03/10/2018 07:59:01



Title Nr. 10

[Detailed description...](#)

02/10/2018 13:48:40



Title Nr. 11

[Detailed description...](#)

06/20/2017 07:54:45



Title Nr. 12

[Detailed description...](#)

05/29/2017 09:48:11



Title Nr. 13

[Detailed description...](#)

12/14/2017 01:48:54



Title Nr. 14

[Detailed description...](#)

03/08/2018 11:55:19



Title Nr. 15

[Detailed description...](#)

12/20/2017 11:35:46



Title Nr. 16

[Detailed description...](#)

07/01/2017 13:38:01



Examples



Nieuwe
zending



Zoek
zending

Totaal
vandaag

45

Afgemeld

23

Laatste afmeldingen



Lossen 5803008990 6543
JDS 5803 AM VENRAY
1 Colli 25 Kg



Lossen 5803008990 6543
JDS 5803 AM VENRAY
1 Colli 25 Kg



Lossen 5803008990 6543
JDS 5803 AM VENRAY
1 Colli 25 Kg

Ingevoerde zendingen (35)

🕒 06-07-2016 🕒 07-7-2016
JDS 5803 AM VENRAY
1 Colli 25 Kg

🕒 06-07-2016 🕒 07-7-2016
JDS 5803 AM VENRAY
1 Colli 25 Kg

🕒 06-07-2016 🕒 07-7-2016
JDS 5803 AM VENRAY
1 Colli 25 Kg

Verwachte aflevertijd:
Tussen 13:23 en 15:23

**Laadadres**

DATA ACCESS EUROPE BV
LANDSINKESWEG 4
7553 AE - HENGEO
NEDERLAND

Losadres

JDS
KEIZERSVELD 25
5803 AM - VENRAY
NEDERLAND

Vrachtnr.: **5803009034**
Laaddatum: **06-07-2016**
Losdatum: **07-07-2016**
Rembours:
Kenmerk
Aflieveropmerking:
Zendingsoort: **Tijdlivering 10:00**



Aantal	Eenheid	Op pallet	Gewicht	Omschrijving	Volume	I x b x h	Unicode	Cat.
2	COLLI		25					
4	COLLI		40					

Datum	Tijd	Status	Opmerking
27-09-2016	06:59:16	Inbestelling	27-09-2016 lijst 28281 18/41
27-09-2016	11:22:16	Afgeleverd	Corrinen

Handtekening ontvanger

Naam ontvanger

Corrinen



Verwachte aflevertijd:
Tussen 13:23 en 15:23

**Aangemeld****In uitvoering****Geleverd****> Laadadres**

DATA ACCESS EUROPE BV
LANDSINKESWEG 4
7553 AE - HENGELO
NEDERLAND

< Losadres

JDS
KEIZERSVELD 25
5803 AM - VENRAY
NEDERLAND

Vrachtnr.:	5803009034
Laaddatum:	06-07-2016
Losdatum:	07-07-2016
Rembours:	
Kenmerk	
Afleveropmerking:	
Zendingsoort:	Tijdlevering 10:00



Nieuwe zending

Kenmerk

Rembours (€)

Zendingsoort

➤ Laadadres

Datum

Naam

T.a.v.

Adres

Huisnr

Postcode

Plaats

Land

Opmerking

◀ Losadres

Datum

Naam

T.a.v.

Adres

Huisnr

Postcode

Plaats

Land


Telefoonnr.

Email

Opmerking

+ Nieuwe ...

Aantal	Eenheid	Op pallet	Gewicht	Omschrijving	Volume	I x b x h	Unicode	Cat.
2	COLLI		25					
4	COLLI		40					

 statusweb™



Projekt



Attester



Tid och Reseräkning



Arbetsorder

16



Kunder



Kontakter

Uppgifter

> Du har 7 Att göra



Dashboard



Manage Widgets

Companies

System

Customers

Your Tickets

3678

Problem with "Ajax View Wizard" [[AJAX Library: General](#)]
26-08-2010 | 11:34 | Flavio da Costa Figueired

2345

Missing formula for the currency [[DataFlex Reports: Studio](#)]
23-06-2016 | 09:09 | Roman Koehler

5464

Missing Running Totals [[DataFlex Reports: Studio](#)]
23-06-2016 | 09:10 | Roman Koehler

3423

System tables/views [[DataFlex Reports: Wizards](#)]
14-02-2016 | 08:43 | Ulbe Stellema

2323

Incorrect calucation results [[Dynamic AI: General](#)]
17-02-2016 | 09:32 | Edgar van der Honing

5464

Missing Running Totals [[DataFlex Reports: Studio](#)]
23-06-2016 | 09:10 | Roman Koehler

Recent Tickets

7891

Hide RTF checkbox if object [[DataFlex Reports: Studio](#)]
04-12-2015 | 17:01 | Vincent Oorsprong

6456

Blocking dates [[DHTMLX Scheduler: General](#)]
02-06-2016 | 14:22 | Pieter Saelens

9796

More export options [[DataFlex Reports; Runtime/OCX](#)]
01-06-2016 | 16:43 | Peter van Hout

5789

ClosePreviewer on CloseReport [[DataFlex Reports: Studio](#)]
26-08-2010 | 11:34 | Flavio da Costa Figueired

5464

Missing Running Totals [[DataFlex Reports: Studio](#)]
23-06-2016 | 09:10 | Roman Koehler

9796

More export options [[DataFlex Reports; Runtime/OCX](#)]
01-06-2016 | 16:43 | Peter van Hout



Filters

[X Clear](#)

DATE

VISIBILITY



All



Company



Me

TYPE



Suggestion



Bug

Tickets

[+ Add reply](#)

1235	Hide RTF checkbox if object is a label [DataFlex Reports: Studio]	23-06-2016 09:09 Roman Koehler	
698	More export options [DataFlex Reports; Runtime/OCX]	23-06-2016 09:10 Roman Koehler	
4328	Hide RTF checkbox if object is a label [DataFlex Reports: Studio]	04-12-2015 17:01 Vincent Oorsprong	
3246	Incorrect calucation results [Dynamic AI: General]	02-06-2016 14:22 Pieter Saelens	
857	More export options [DataFlex Reports; Runtime/OCX]	14-02-2016 08:43 Ulbe Stellema	
2331	Hide RTF checkbox if object is a label [DataFlex Reports: Studio]	23-06-2016 09:10 Roman Koehler	
8769	System tables/views [DataFlex Reports: Wizards]	02-06-2016 14:22 Pieter Saelens	
4545	More export options [DataFlex Reports; Runtime/OCX]	23-06-2016 09:10 Roman Koehler	
4545	Hide RTF checkbox if object is a label [DataFlex Reports: Studio]	02-06-2016 14:22 Pieter Saelens	
1337	Missing formula for the currency sign [DataFlex Reports: Studio]	04-12-2015 17:01 Vincent Oorsprong	
2325	More export options [DataFlex Reports; Runtime/OCX]	02-06-2016 14:22 Pieter Saelens	
6453	System tables/views [DataFlex Reports: Wizards]	04-12-2015 17:01 Vincent Oorsprong	
5464	Missing formula for the currency sign [DataFlex Reports: Studio]	01-06-2016 16:43 Peter van Hout	
4132	System tables/views [DataFlex Reports: Wizards]	23-06-2016 09:10 Roman Koehler	
3246	Missing formula for the currency sign [DataFlex Reports: Studio]	17-02-2016 09:32 Edgar van der Honing	



Filters

[✕ Clear](#)

DATE

← August 2016 →						
Mo	Tu	We	Th	Fr	Sa	Su
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

Tickets

[+ Add reply](#)

1235	Hide RTF checkbox if object is a label [DataFlex Reports: Studio]	23-06-2016 09:09 Roman Koehler	
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3246	Missing formula for the currency sign [DataFlex Reports: Studio]	17-02-2016 09:32 Edgar van der Honing	



Info

 Edit

Dear Support,

This Bug was sent by ACRONSOFIT
Mr. Ivan found a problem on the wizards.

When we create a new view using Wizard, if I to write a fields label as or better, with accent.
When it creates the asp page code, the character. Please, see attached the screenshot for more information.

Thanks a lot!



Ticket ID: 1

Owner: Flavio da Costa Figueiredo

Product: AJAX LIBRARY

Subject: Figueiredo

Updated: 25-06-2015

Component: GENERAL

Revision: 18.2

Priority external: High

Ticket type: Bug

Company: Telefonica

Assigned to: Harm Wibier



Updates


 Add reply



Image uploaded as ticket 1478

26-08-2010 | 11:34 | Support DAE



06-09-2010 | 10:23 | Harm Wibier

So the character is generated wrong in the source file or is it only displayed wrong?

The following article covers a topic that has recently moved to center stage-at least it seems that way. If you've been thinking you need to know more about unconditional love, here's your opportunity.

When darkness turns to day, the sun moves over the horizon and touches everything in sight. This movement across the landscape brightens everything. Such an illumination awakens us all. We rise with energy moving in and through us allowing us to create a new day. A day unique from all the rest and creatively woven into our soul. This is the landscape of our soul. As you can see, nature has a way of showing us just how powerful we are. The same power that created the moon and the stars and the movement of all space and time lies within the human heart.



Hi Harm, the character is generated wrong in the source file. Best regards, Flav...

07-09-2010 | 12:43 | Flavio da Costa



Ah, then I know what it is. We'll prepare a fix for you momentarily.

06-09-2010 | 10:23 | Harm Wibier



That fixed it, thanks! Also thanks for the speedy assistance! Take care.

07-09-2010 | 12:43 | Flavio da Costa



Hi Flavio, please download the attached source file.

26-08-2010 | 11:34 | Support DAE

Filters

STATUS

☒ Completed

☐ Uncompleted


ASSIGNEE

☒ Arnold Franken

























☐ Henri Reterink

Description: Arnold's 2Do

Product: Scheduler

Milestone: 19.0 

[+ Add Task](#)

	3,25	3678 Problem with "Ajax View Wizard" [AJAX Library: General] Flavio da Costa Figueired		
	1	7643 Can't connect with my database [Database Connections] Miguel Gomez		
	2,5	2345 Compiling doesn't work [DF: Debugger] Anton Mayer		
<div><div>7,75</div><div>15,50</div><div><div></div><div></div><div></div></div></div>				
	3,25	3678 Problem with "Ajax View Wizard" [AJAX Library: General] Flavio da Costa Figueired		
	1	7643 Can't connect with my database [Database Connections] Miguel Gomez		
	2,5	2345 Compiling doesn't work [DF: Debugger] Anton Mayer		
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	2,5	2345 Compiling doesn't work [DF: Debugger] Anton Mayer		

[Order](#)[Register](#)[Reports](#)[Other](#)**BERENDSEN**[REPORTS](#) > [ARTICLE REPORT](#)Logged in as: **TEST**

MyBerendsen

[Dashboard](#)[Deliveries](#)[Products](#)[Employees](#)

	Number	Customer Name	City	Status	Purchases	Balance
<input type="checkbox"/>	1	Access Miles	Miami	Active	€206.248,00	€10.507,00
<input type="checkbox"/>	2	American Products, Inc	Redmond	Active	€270.672,00	€14.287,00
<input type="checkbox"/>	3	Ortega Emergency Care	Dallas	Active	€167.191,00	€7.632,00
<input type="checkbox"/>	4	Ace Manufacturers, Inc	Peoria	Active	€87.759,00	€0,00
<input type="checkbox"/>	5	True Value Machine & Equipment	Warwick	Terminated	€141.591,00	€1.299,00
<input type="checkbox"/>	6	Big River Public Schools	Salem	Active	€371.149,00	€20.860,00
<input type="checkbox"/>	7	General Food Supplies	Tucson	Active	€124.201,00	€6.471,00

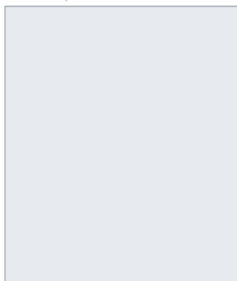
[Order](#)[Register](#)[Reports](#)[Other](#)**BERENDSEN**[REPORTS](#) > [ARTICLE REPORT](#)

Logged in as:TEST

Add new employee

General information

Profile picture



First name(s)

Kerstin

Last name

Frei

Employee number

00054123698

Gender

Female

Phone number

089 78 38 06

E-mail

kfri@sge.de

Employment information

Customer location

Geb. 3b Obergeschoss

Customer department

Obergeschoss

Drop point

die Damenumkleiderräume

Cost center

SGE 3

Job function

Cleaning operative

Start date

01-06-2016

End date

Locker and shelf

☐ Add Locker and shelf

Locker



Shelf



CSS: w3schools.com

w3schools.com

THE WORLD'S LARGEST WEB DEVELOPER SITE

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CSS Tutorial

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[CSS Height/Width](#)
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CSS Tutorial

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CSS is a language that describes the style of an HTML document.

CSS describes how HTML elements should be displayed.

This tutorial will teach you CSS from basic to advanced.

Examples in Each Chapter


This CSS tutorial contains hundreds of CSS examples.

With our online editor, you can edit the CSS, and click on a button to view the result.

CSS Example


```
body {  
  background-color: lightblue;  
}  
  
h1 {  
  color: white;  
  text-align: center;  
}  
  
p {  
  font-family: verdana;  
  font-size: 20px;  
}
```

COLOR PICKER 6





LEARN MORE

CSS: cssreference.io




A free visual guide to the most popular CSS properties.
Created by @gghms


Share  

Q Search for a property

- align-content
- align-items
- align-self
- animation-delay
- animation-direction
- animation-duration
- animation-fill-mode
- animation-iteration-count
- animation-name
- animation-play-state
- animation-timing-function
- animation
- background-attachment
- background-clip
- background-color



New and Awesome Tool: See How Your Visitors are Really Using Your Site
ade via Carbon



A free visual guide to CSS

Learn by example: cssreference.io is a free visual guide to CSS. It features the most popular properties, and explains them with illustrated and animated examples.

[Contribute on GitHub](#)

align-content

Defines how each line is aligned within a flexbox container. It only applies if `flex-wrap: wrap` is present, and if there are **multiple lines** of flexbox items.

`align-content: stretch;`

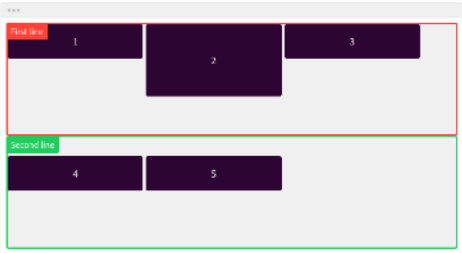
Each line will stretch to fill the remaining space.


In this case, the container is 366px high. All boxes are 56px high, apart from the second one who is 108px high.

`align-content: flex-start;`

Each line will only fill the space it needs. They will all move towards the **start** of the flexbox container's cross axis.

default





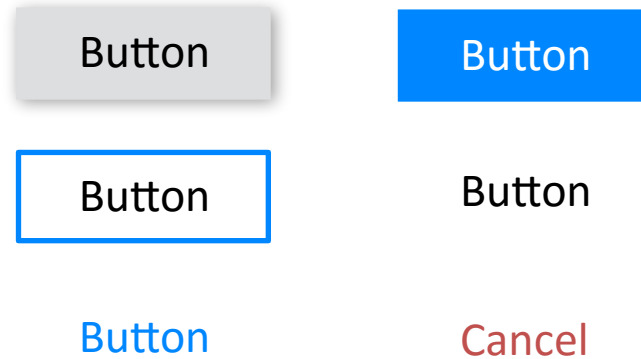
Building for the future. Better, faster, everywhere.

SYNERGY2017

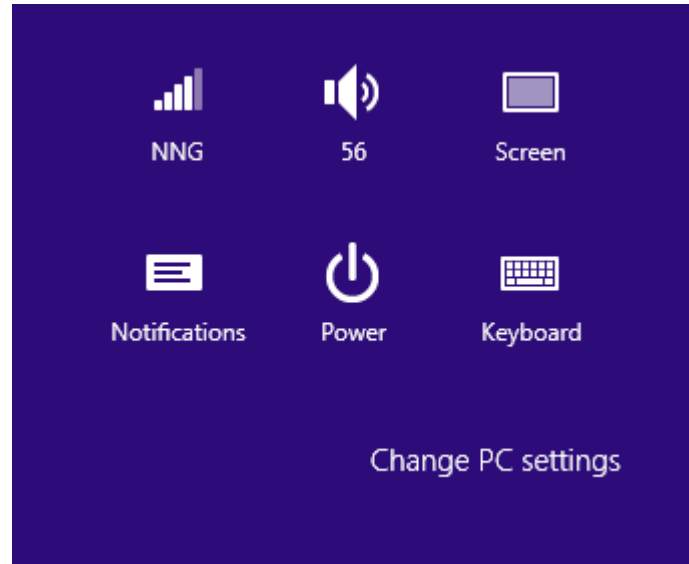
General Tips

Mental Models

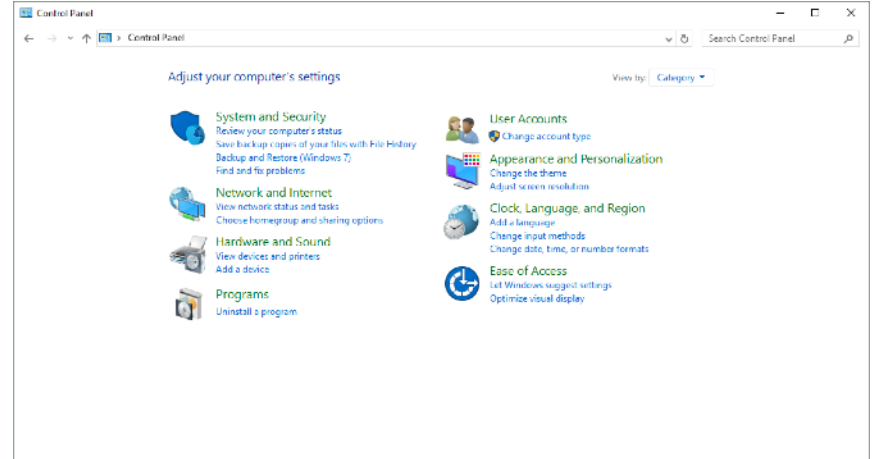
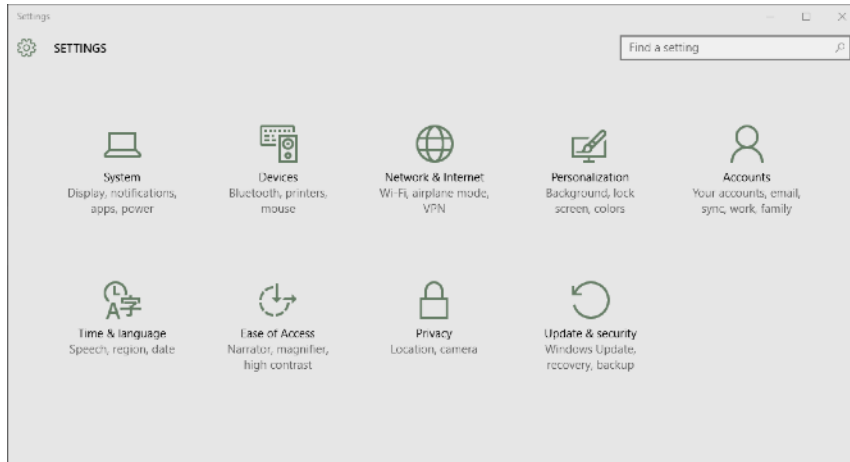
Mental Models



Mental Models

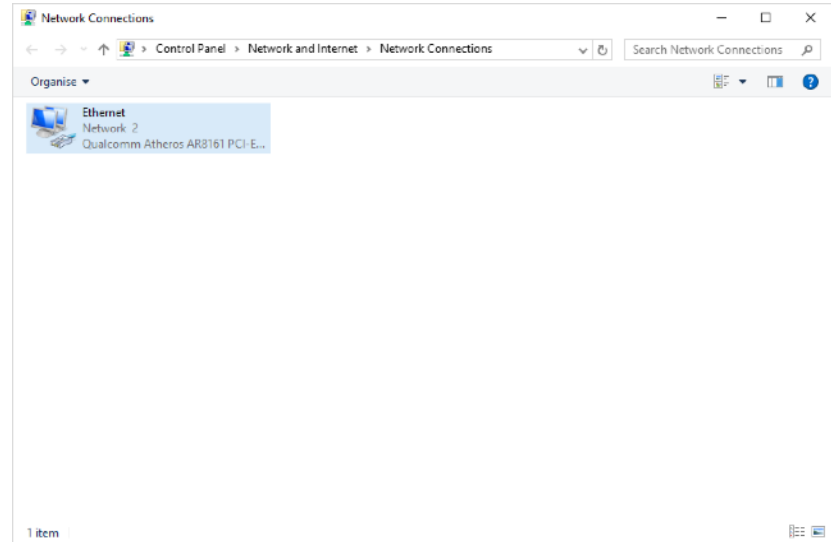
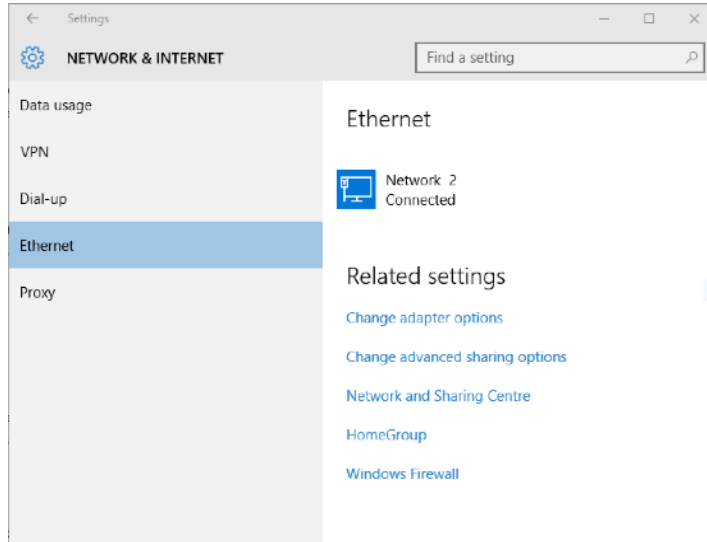


Mental Models



16-11-
2016

Mental Models

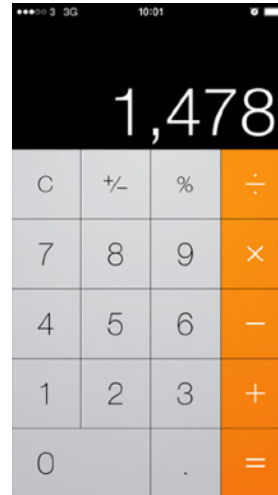


Design Evolution

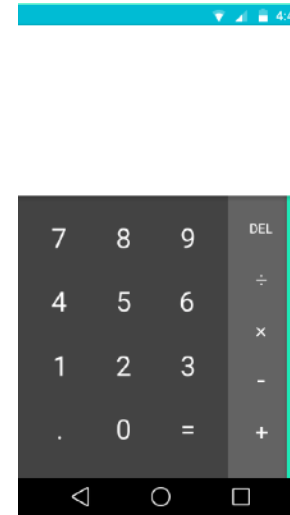
Design Evolution



Skeuomorphic



Flat

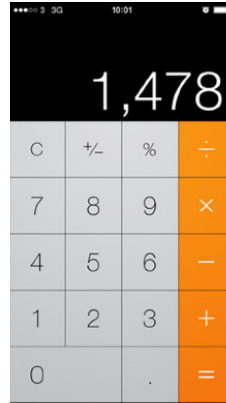


Flat 2.0

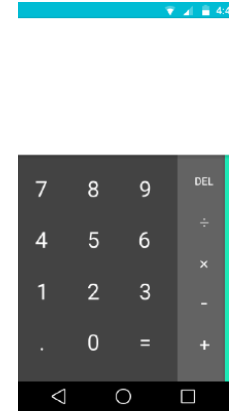
Design Evolution



Skeuomorphic



Flat



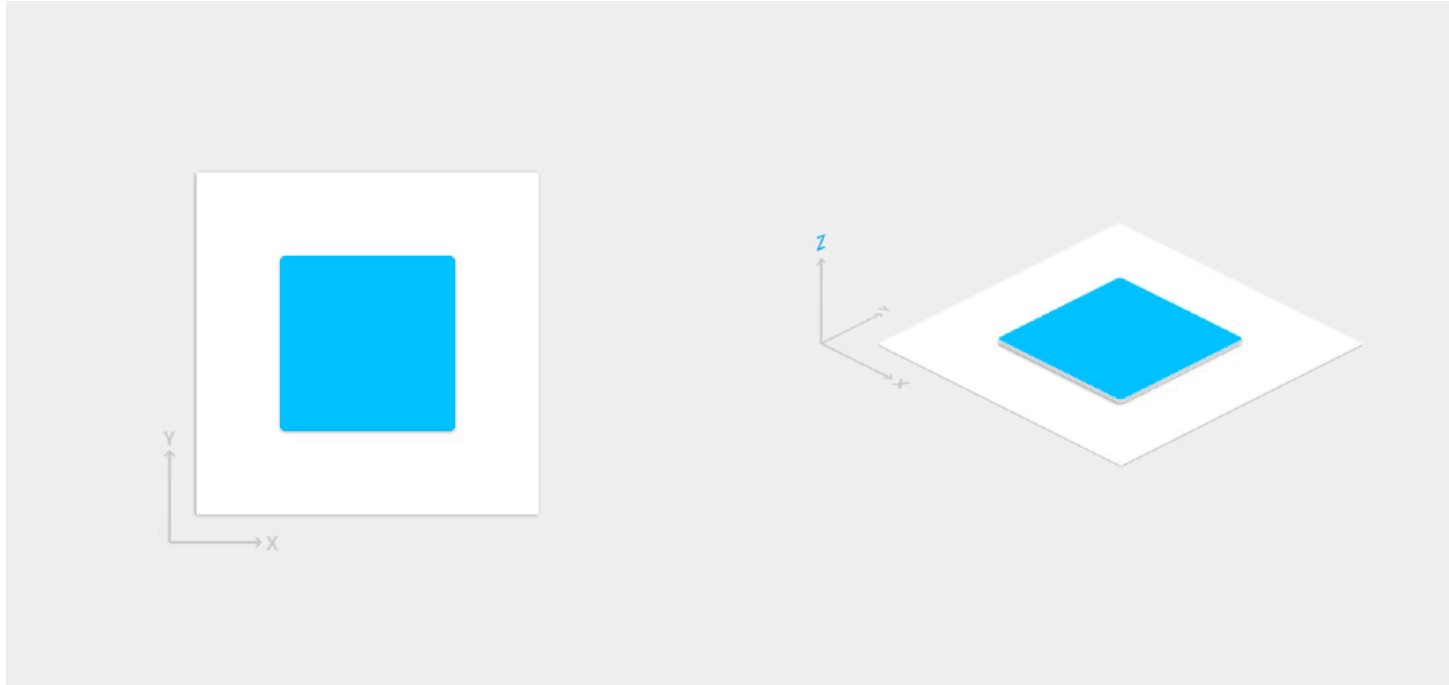
Flat 2.0



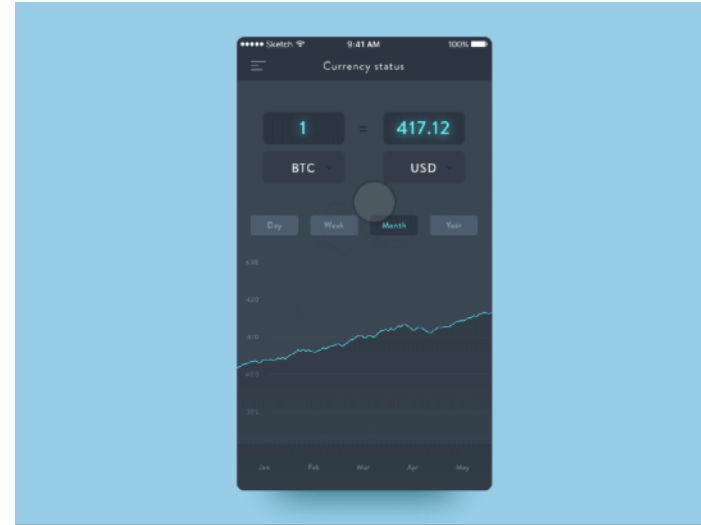
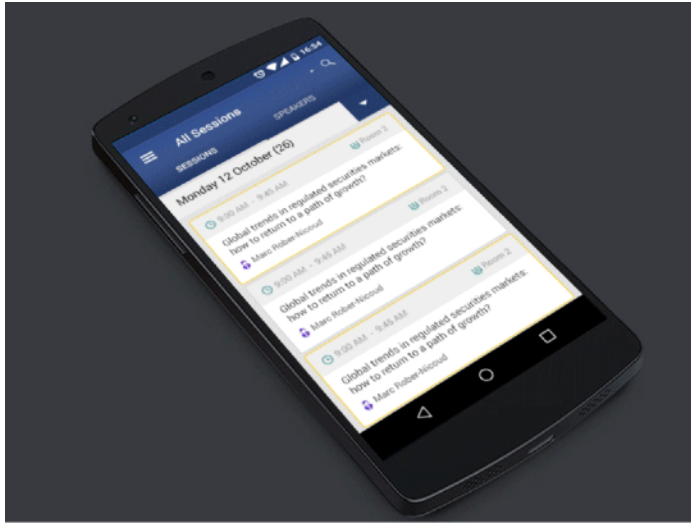
Design Evolution

- **Flat Design 2.0**
 - More nuances
 - Depth created by shadows
 - Animations
 - More intuitive

Shadows



Animations



Design Evolution

What

Y-axis

Time



Linear



Asymmetric

Design Evolution

```
.menu {  
  position: fixed;  
  left: -300px;  
  width: 300px;  
  transition: all 1s ease-in-out;  
}  
  
.menu.active {  
  left: 0;  
}
```



Feedback

📶 Wi-Fi 01

📶 Wi-Fi 02

📶 Wi-Fi 03

📶 Wi-Fi 04

📶 Wi-Fi 05

Hiding latency

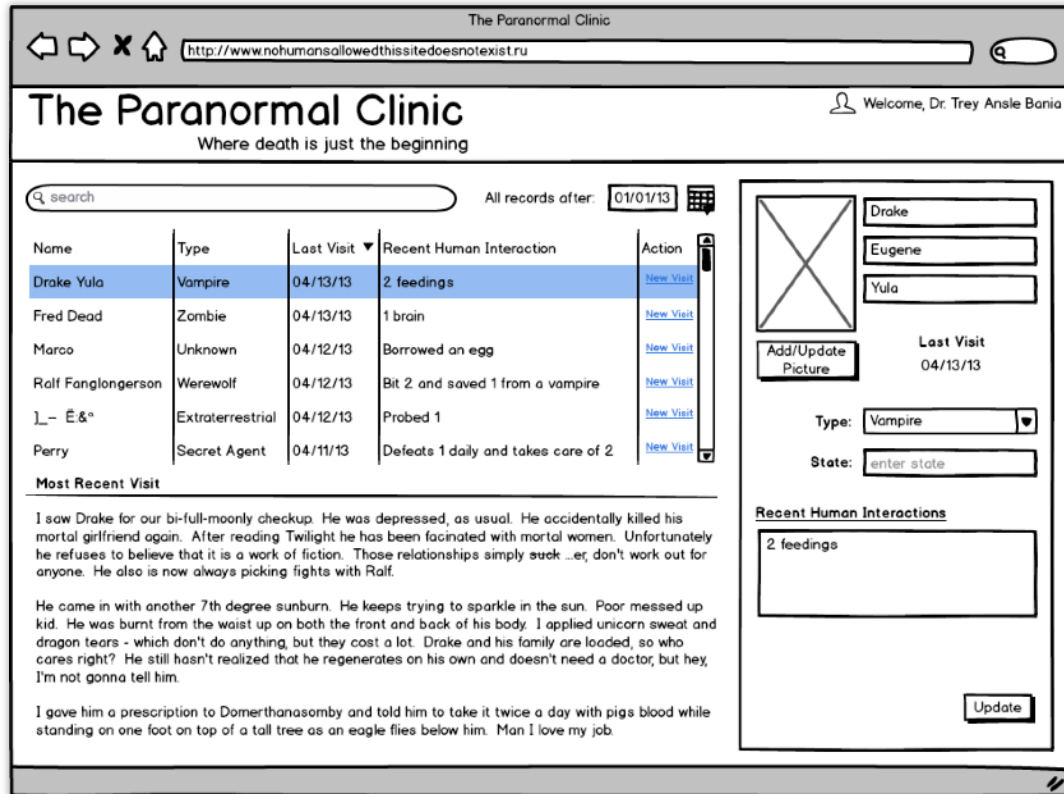


Cause & Effect



Wireframes

Balsamiq



UI/UX Design

- Almost essential
- Conscious & subconscious
- Beat your competition
- Access new customers

Any questions?

Thank you for your time!

I'll be around for any questions you might have...