



# UX DESIGN WITH DATAFLEX

Presented by Nigel Smink

The banner features a faint, semi-transparent image of a large, modern building with a curved, grid-like facade on the left and a flagpole with a flag on the right. The text "What is UX Design?" is centered in white, bold font.

# What is UX Design?

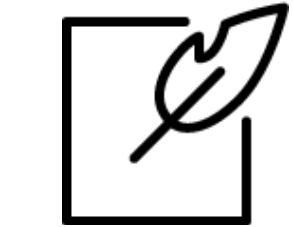
# What is UX Design?



Usability



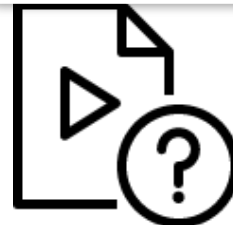
Interaction Design



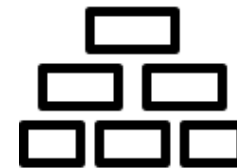
Visual Design



Typography



Content Strategy



Info. Architecture



User Interface

UX Design

# What is UX Design?



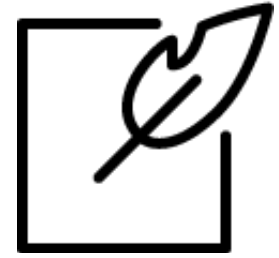
Usability



Interaction Design



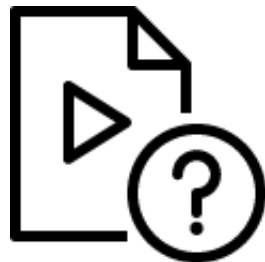
Functionality



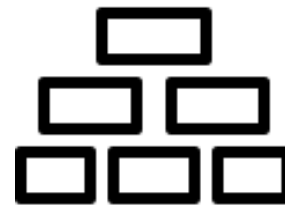
Visual Design



Typography



Content Strategy



Info. Architecture



User Interface



**Why is it important?**

# Why is it important?

- > Customer satisfaction
- > Customer retention rate

- > Good looking things perceived to work better




**How does DataFlex aid UX design?**


# Dashboard

☰ 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

## New Customers

- > Absoraka Cruise & Travel
- > 228 Fuel Express Pizzas & Food
- > La Avenida Mexican Store
- > Raccoon Bait & Tackle-Shell Co
- > Korner Bakery Kafe
- > Provedence Christian Academy
- > Union Enterprise of Seminole





Dashboard

Welcome

John



# Hamburger

## MENU

Dashboard

View >

Log Out

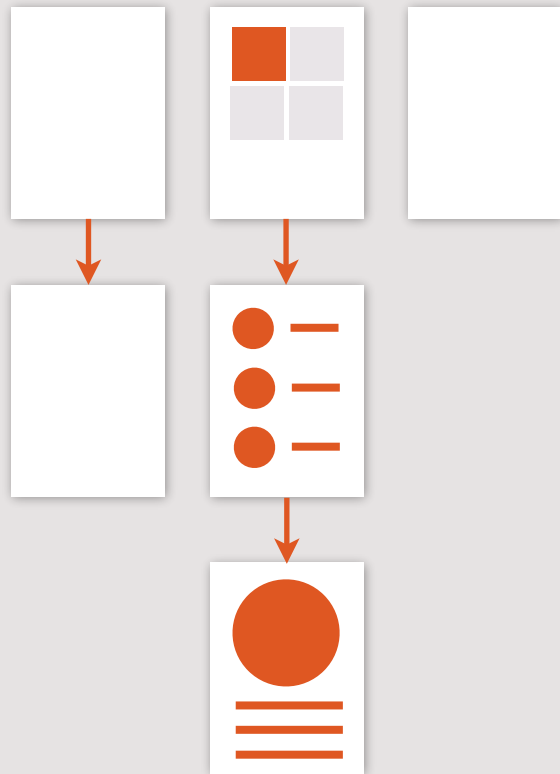


# Flat Desktop **VS** Flat Touch



# Flat Desktop **VS** Flat Touch

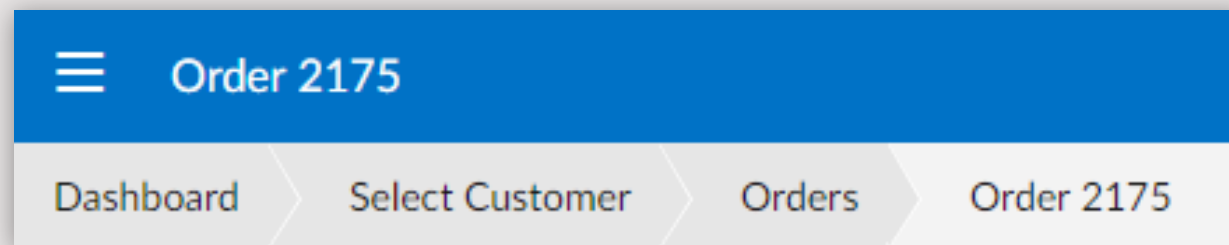
Touch



Desktop



# Breadcrumb



# 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"/>											

# 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"/>											





# Easy Personalization

Dashboard: Nigel Smink



Create new ticket

System settings

Test Button

Latest Tickets list

- 1837 Startup error
- 1632 Problems with changing database definition MySQL database
- 1456 Sub Reports op lijst zetten
- 1453 Change Sorting
- 1454 Alias tables
- 836 Removing functions from a report causes errors
- 839 Date Updated show /01/01/53
- 767 warning balloons are displayed only for a fraction of second
- 766 Not saving record if description field is blank and no warning fo...
- 765 Can not delete Product Record

Show all..

CREATE NEW WIDGET

Dashboard: Nigel Smink



Create new ticket

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Test Button

Latest Tickets list

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- 765 Can not delete Product Record

Show all..

# Code required

```
.WebButton button {  
background-color: #16C9FF;  
}
```

```
.DashboardTileButton {  
background-color: #990745;  
border-radius: 4px;  
box-shadow: 2px 2px 4px #888888;  
}
```

```
.DashboardListRow {  
border-radius: 3px;  
box-shadow: 2px 2px 4px #888888;  
padding: 7px;  
margin: 5px;  
background-color: white;  
}
```

```
.DashboardTicketLink {  
color: rgb(3, 170, 170);  
text-decoration: none;  
}
```

```
.WebGroup.WebGrp_HasBorder > .WebCon_Inner > div > .WebContainer {  
border: none;  
padding-top:20px;  
}
```

```
.WebContainer > .WebCon_Sizer > .WebCon_Content {  
background-color: #E6E6E6;  
}
```

```
.WebGroup > .WebCon_Inner {  
background-color: #E6E6E6;  
margin: 0;  
}
```

```
.WebControl > .WebCon_Inner {  
margin: 0;  
}
```

```
.WebGroup.WebGrp_HasCaption .WebGrp_Caption {  
background-color: #4D4D4D;  
color: #FFF;  
border-radius: 3px;  
box-shadow: 2px 2px 4px #888888;  
padding: 7px;  
margin: 5px;  
}
```

```
.WebInlineView label.WebWin_title {  
background-color: #E6E6E6;  
}
```

```
.df-ModeDesktop .WebInlineView > div.WebContainer {  
background-color: #E6E6E6;  
}
```

## Dashboard

CREATE NEW WIDGET

Dashboard: Nigel Smink



Create new ticket


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Test Button

### Latest Tickets list

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Show all..



[NIET GESELECTEERD/ONBEKEND]  
Nigel Smink

- Dashboard
- Tickets
- Product management
- Customers

### Dashboard

CREATE NEW WIDGET

Dashboard: Nigel Smink

Create new ticket

System settings

Test Button

#### Latest Tickets list

- 1837** Startup error
- 1632** Problems with changing database definition MySQL da..
- 1456** Sub Reports op lijst zetten
- 1453** Change Sorting
- 1454** Alias tables
- 836** Removing functions from a report causes errors
- 839** Date Updated show /01/01/53
- 767** warning balloons are displayed only for a fraction of se...
- 766** Not saving record if description field is blank and no w...
- 765** Can not delete Product Record

Show all..

```

<div class="WebCon_Sizer">
  <div class="WebCon_Content">
    <div style="width:100%;height:23px">...</div>
    <div class="grid-stack grid-stack-438" style="height: 460px;">
      <div data-gs-x="0" data-gs-y="0" data-gs-width="2" data-gs-height="2" class="grid-stack-item ui-draggable ui-resizable ui-resizable-autohide ui-draggable-disabled ui-resizable-disabled">
        <div class="grid-stack-item-content ui-draggable-handle" id="gs9">
          <div class="DashboardTileButton" link="oTicketEntry ">Create new ticket</div> == $0
        </div>
        <div class="DashboardElementRemoveButton" style="display: none;"></div>
        <div class="ui-resizable-handle ui-resizable-se ui-icon ui-icon-gripsmall-diagonal-se" style="z-index: 90; display: none;"></div>
      </div>
      <div data-gs-x="2" data-gs-y="0" data-gs-width="6" data-gs-height="12" class="grid-stack-item ui-draggable ui-resizable ui-resizable-autohide ui-draggable-disabled ui-resizable-disabled">
        ...</div>
    </div>
  </div>
</div>

```

Styles Computed Event Listeners >>

Filter :hov .cls +

```

element.style {
}

.DashboardTileButton {
  background-color: #99004E;
  color: #ffffff;
  font-size: 16px;
  width: 100%;
  height: 100%;
  display: flex;
  justify-content: center;
  align-items: center;
  cursor: pointer;
}

```



[NIET GESELECTEERD/ONBEKEND]  
Nigel Smink

Dashboard

Tickets

Product management

Customers

Contactpersons

Employees

Dashboard

Dashboard: Nigel Smink

Create new ticket

System settings

Test Button

Latest Tickets list

- [1837](#) Startup error
- [1632](#) Problems with changing database definition MySQL...
- [1456](#) Sub Reports op lijst zetten
- [1453](#) Change Sorting
- [1454](#) Alias tables
- [836](#) Removing functions from a report causes errors
- [839](#) Date Updated show /01/01/53
- [767](#) warning balloons are displayed only for a fraction o...
- [766](#) Not saving record if description field is blank and n...
- [765](#) Can not delete Product Record

Show all..

```

<div class="webcon_inner">
  <div>
    <div class="DashboardList">
      <ul>
        <li>...</li>
        <li>
          <div class="DashboardListRow"> == $0
            <div class="DashboardTicketLink">1632</div>
            <div class="DashboardListContent">...</div>
          </div>
        </li>
      </ul>
    </div>
  </div>
</div>

```

Styles Computed Event Listeners >>

Filter :hov .cls +

```

text-overflow: ellipsis;
white-space: nowrap;
overflow: hidden;
box-shadow: 1px 1px 1px #ccc;
padding: 10px;
background-color: yellowgreen;

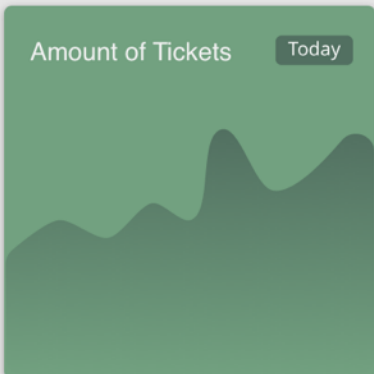
```



# Dashboard



Create New Ticket




Urgent Tickets

#79	Wrong text
#12	How do you find...
#79	Can't find the...
#12	Missing image

Your Tickets

#79	Wrong text
#12	How do you find...
#79	Can't find the...
#12	Missing image

Pinned Tickets

#79	Wrong text
#12	How do you find...
#79	Can't find the...
#12	Missing image

Recent Tickets

#79	Broken link
#12	Missing image
#79	Broken link
#12	Missing image

Updated Tickets

#79	Wrong text
#12	How do you find...
#79	Can't find the...
#12	Missing image





# General Tips & Trends

The image features a horizontal orange band across the middle. On the left side of the band, there is a silhouette of a large, modern building with a curved, grid-like facade. On the right side, there is a silhouette of a flagpole with a flag flying. The text "Mental Models" is centered in white on the orange band.

# Mental Models

# Mental Models

Button

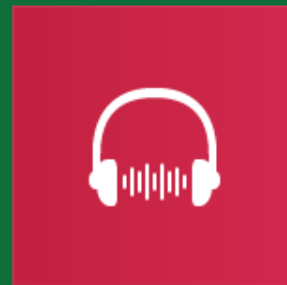
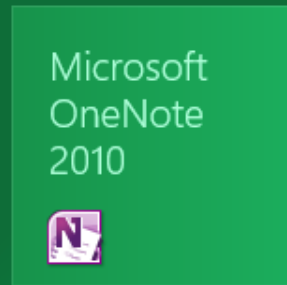
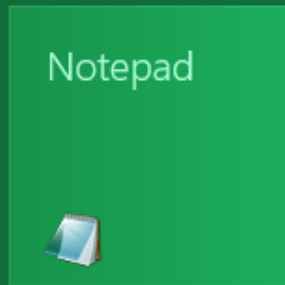
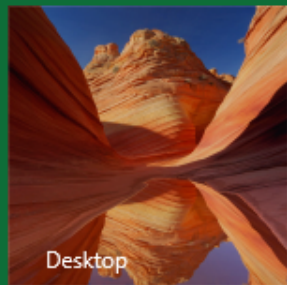
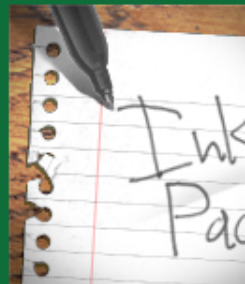
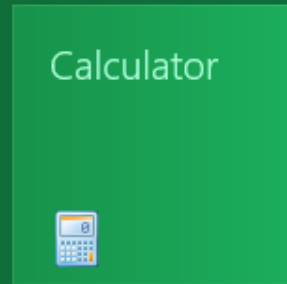
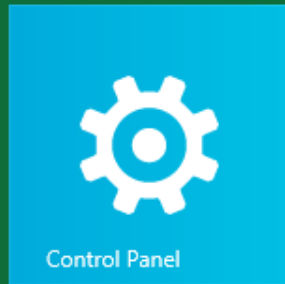
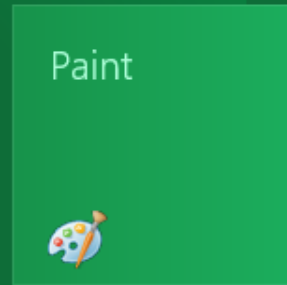
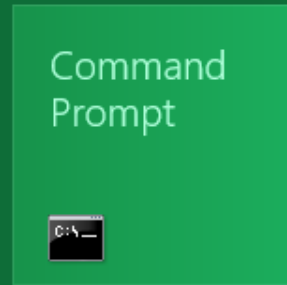
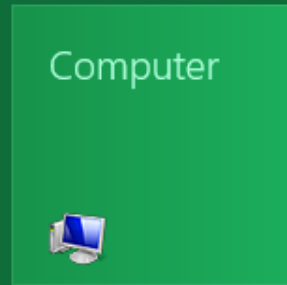
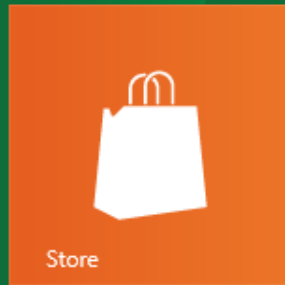
Button

Button

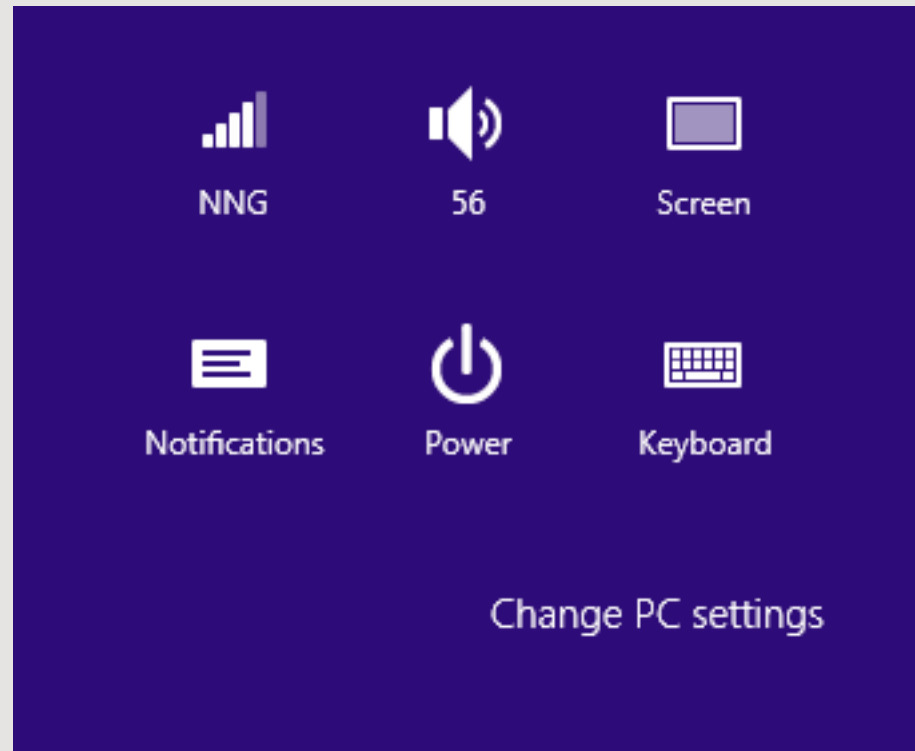
Button

# Start

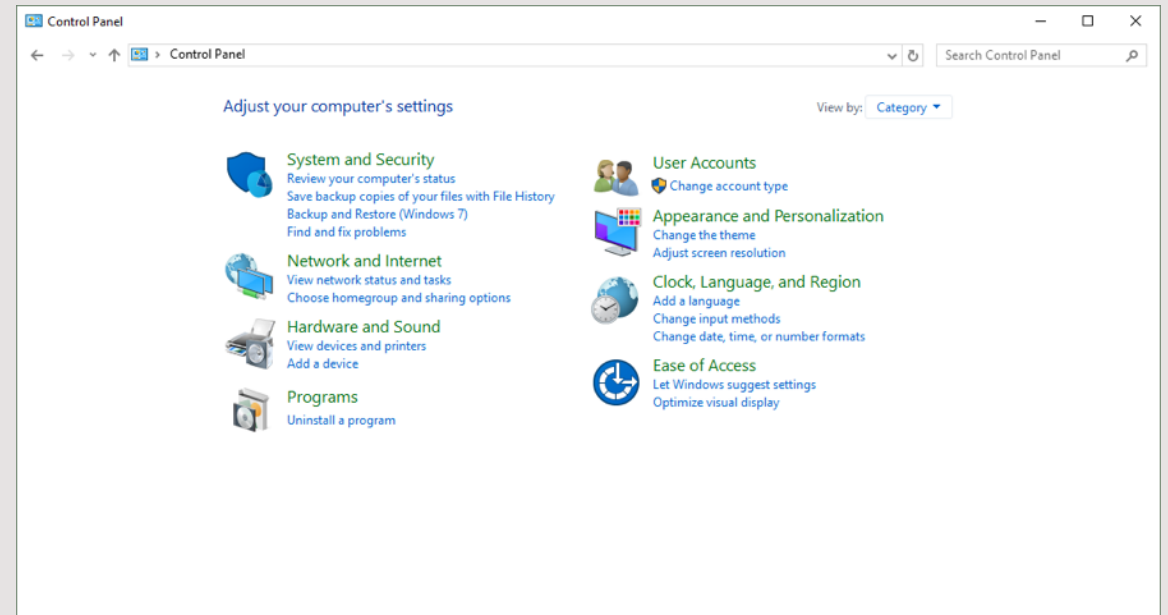
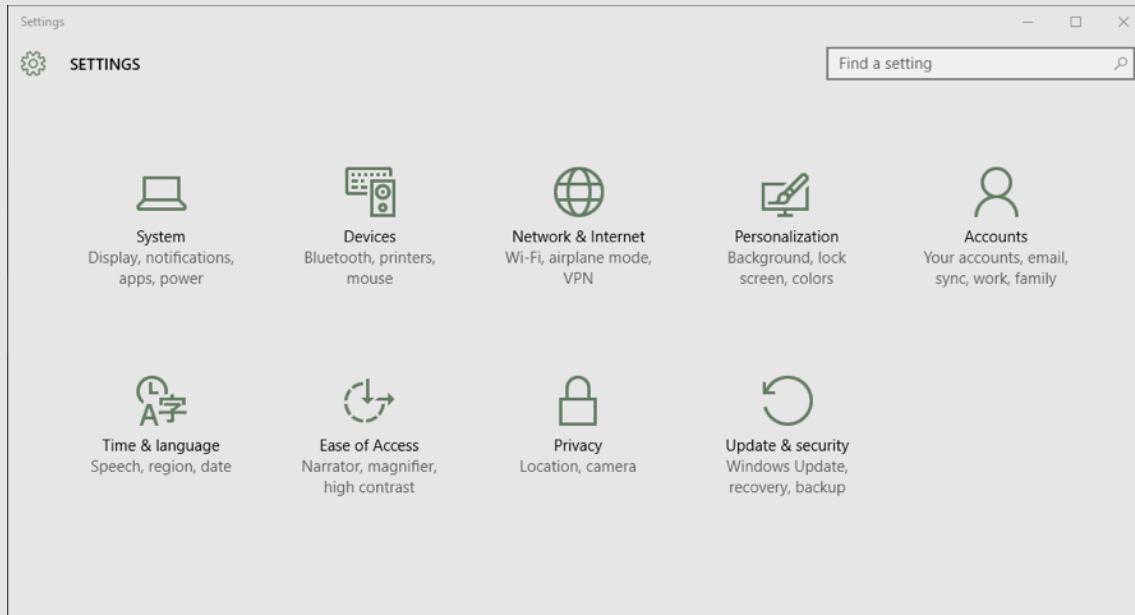
Alice Steinglass



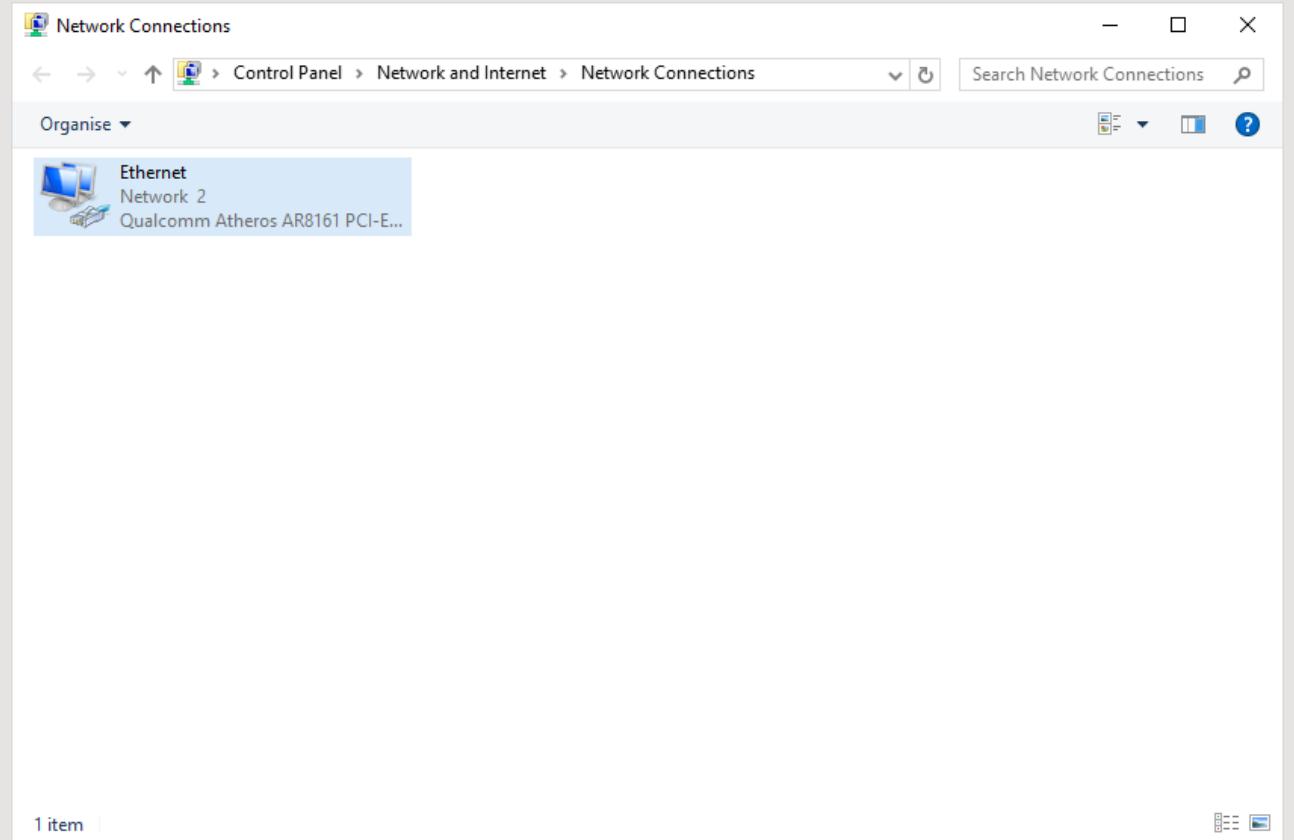
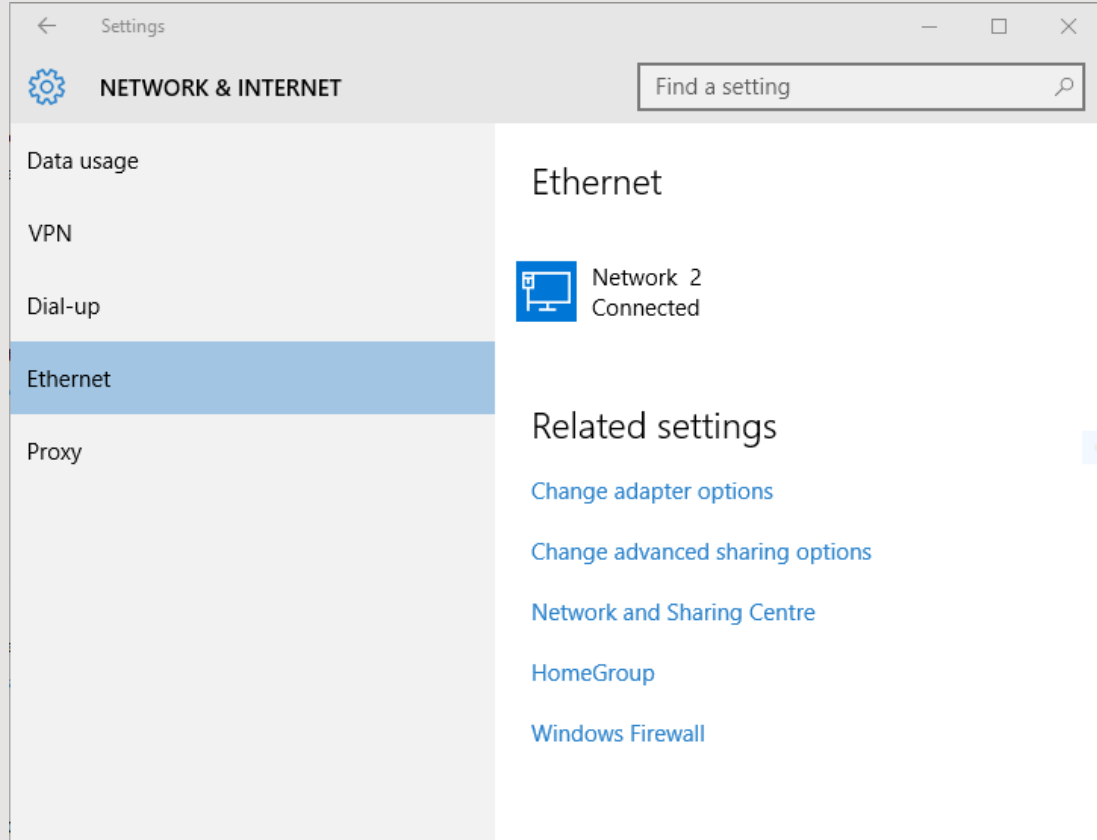
# Mental Models



# Memory Load



# Memory Load

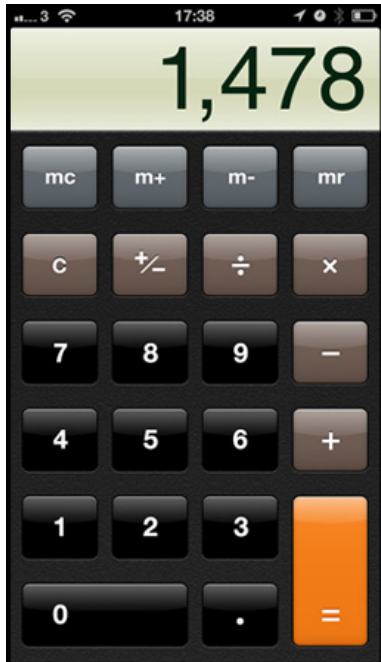




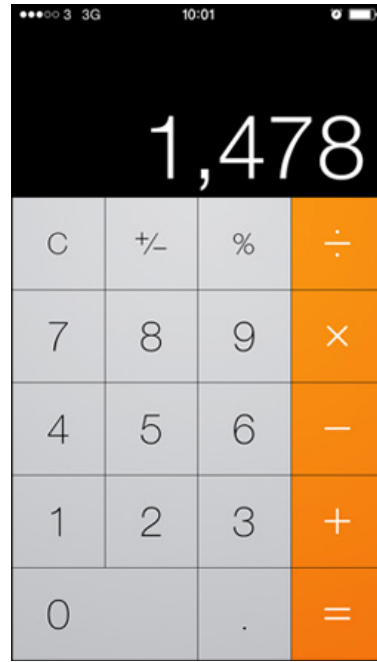
# Design Evolution



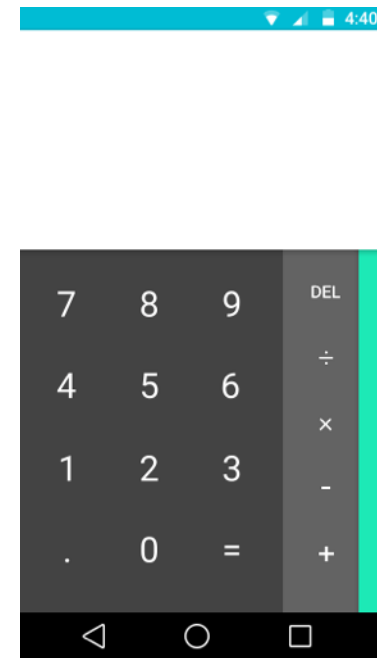
# Design Evolution



Skeuomorphic



Flat



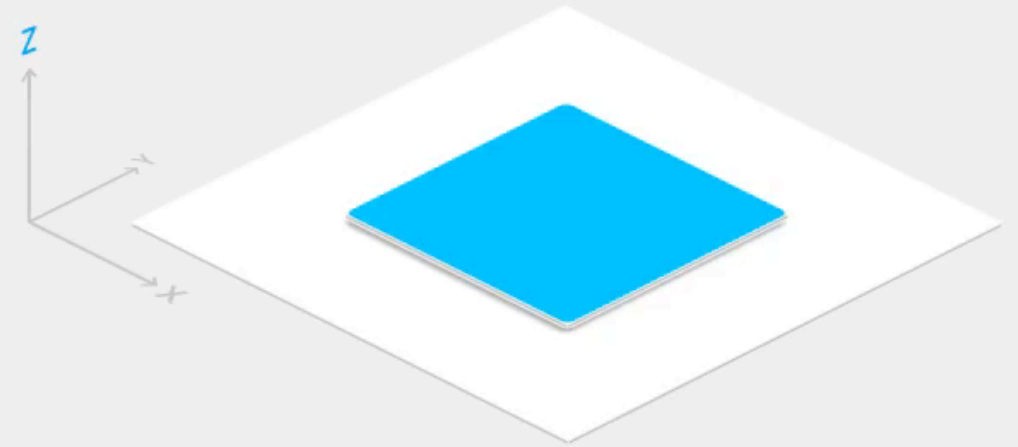
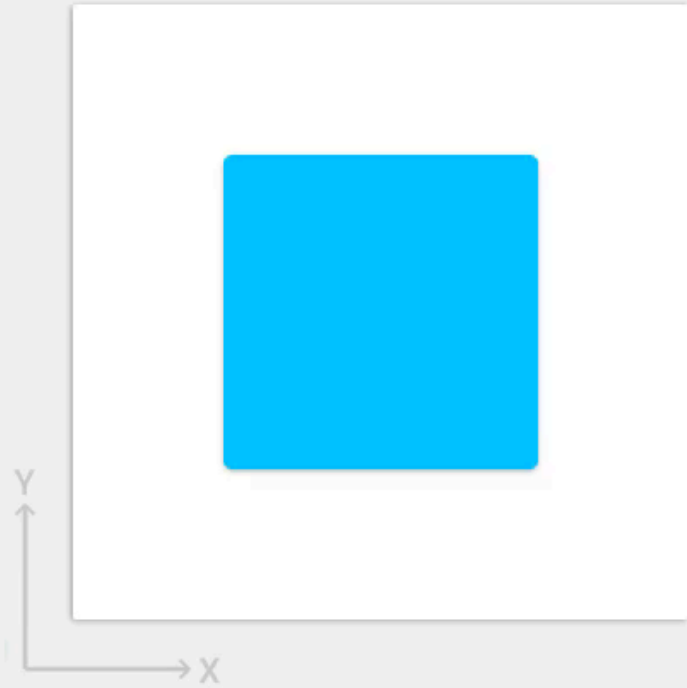
Flat 2.0

# General Tips & Trends

## » Flat Design 2.0

- > More nuances
- > Depth created by shadows
- > Animations
- > More intuitive

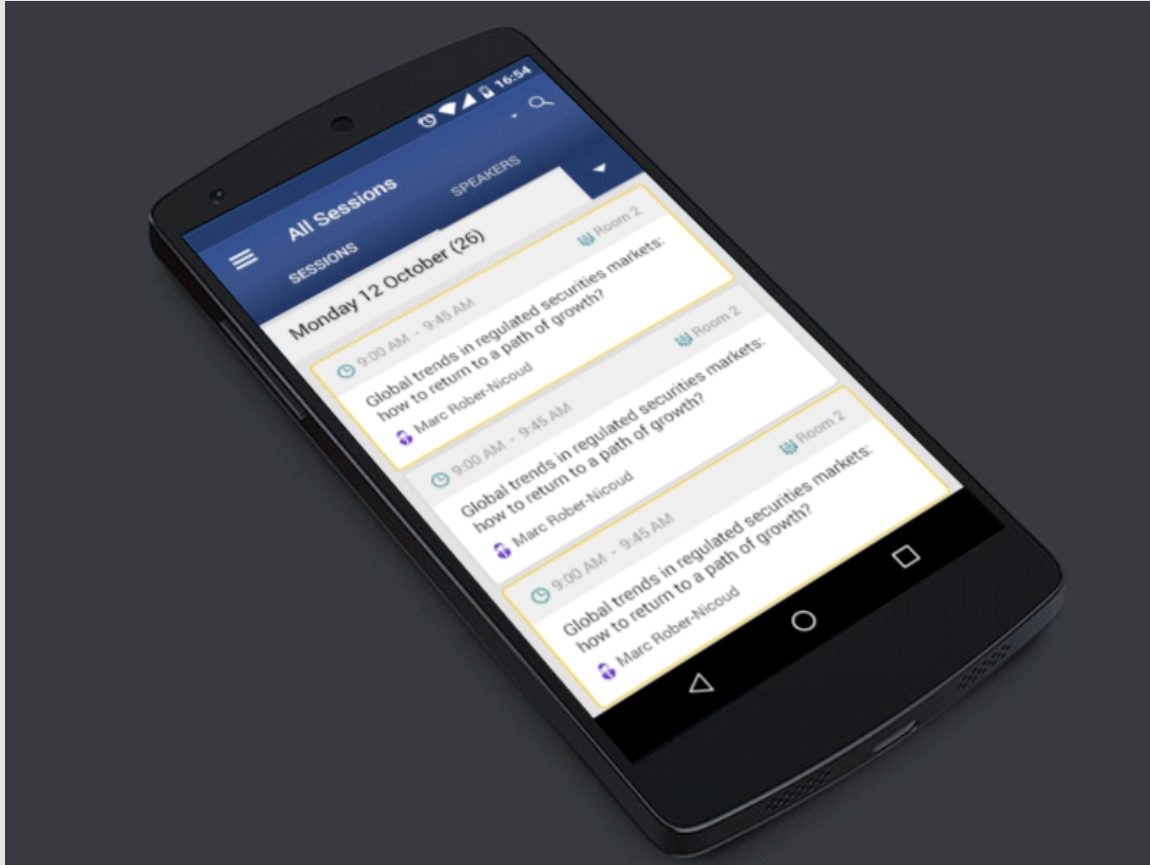
# Shadows



# Animations



# Animations





  
**bince**

Managementinformatie voor **Langdurige Zorg** en **Sociaal Domein**

# CSS Transition

```
transition: 1s ease-in-out;
```

Duration

Type

CSS

# CSS Transition

## > Sliding side menu

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

CSS



# Feedback

 Wi-Fi 01

 Wi-Fi 02

 Wi-Fi 03

 Wi-Fi 04

 Wi-Fi 05

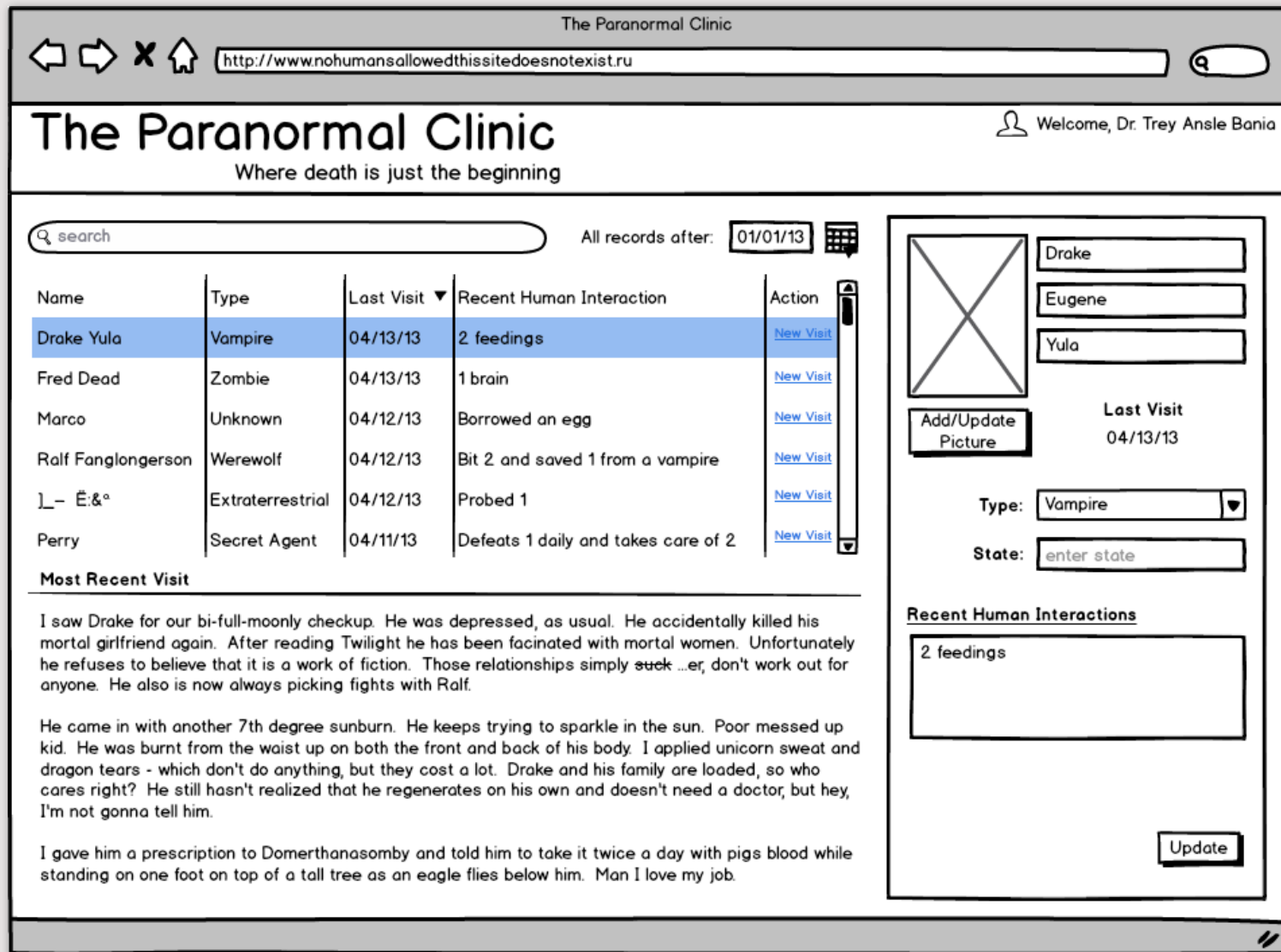
# Hiding latency

# Cause & Effect



# Wireframes





# Conclusion

## » Quickly improve DataFlex Applications

- > Dashboard
- > Grid system
- > Using the right theme
- > Easily change the style

## » General Tips

- > Expect what users expect
- > Shadows for depth
- > Animations
- > Wireframing



**Thank you.  
Any questions?**