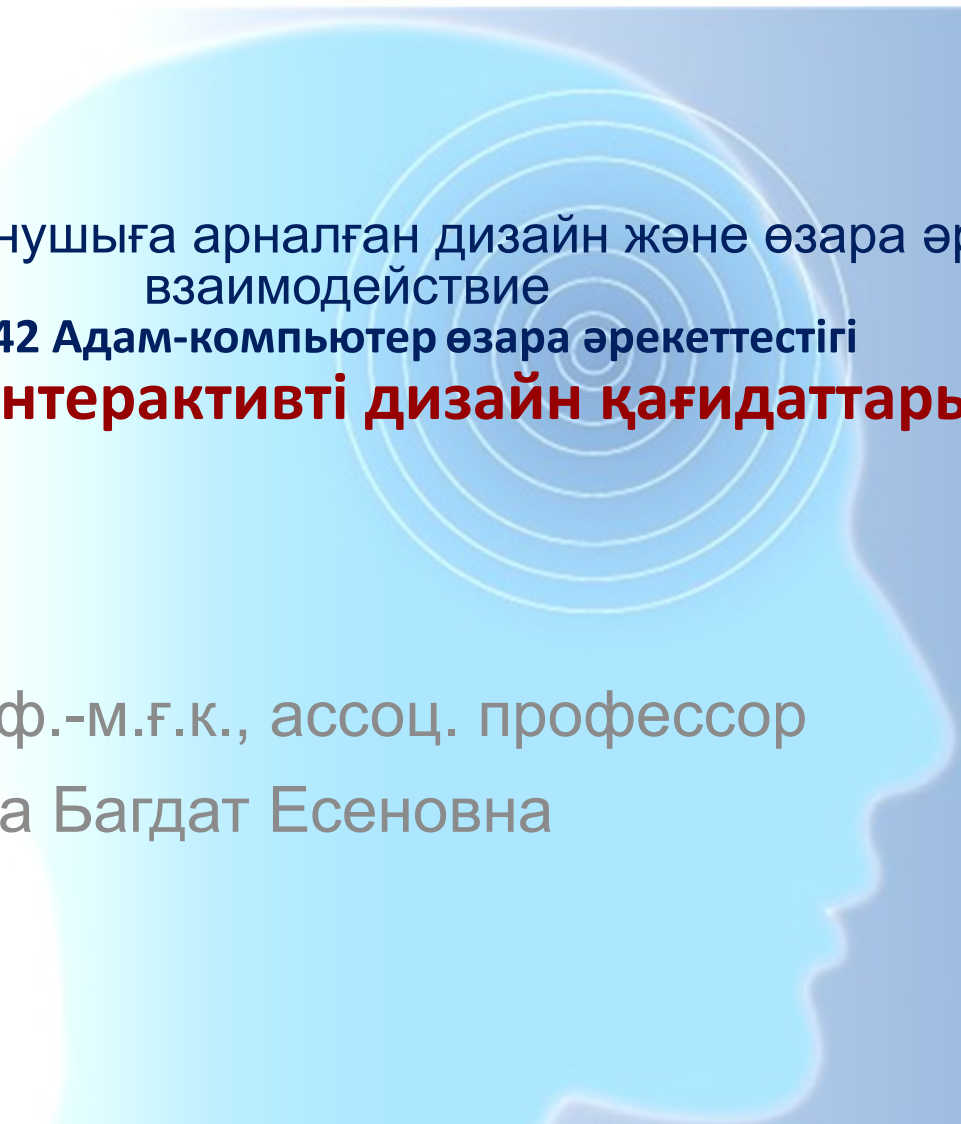




2-модуль. Пайдаланушыға арналған дизайн және өзара әрекеттесу
взаимодействие

CSE 5442 Адам-компьютер өзара әрекеттестігі

6-дәріс. Интерактивті дизайн қағидаттары.

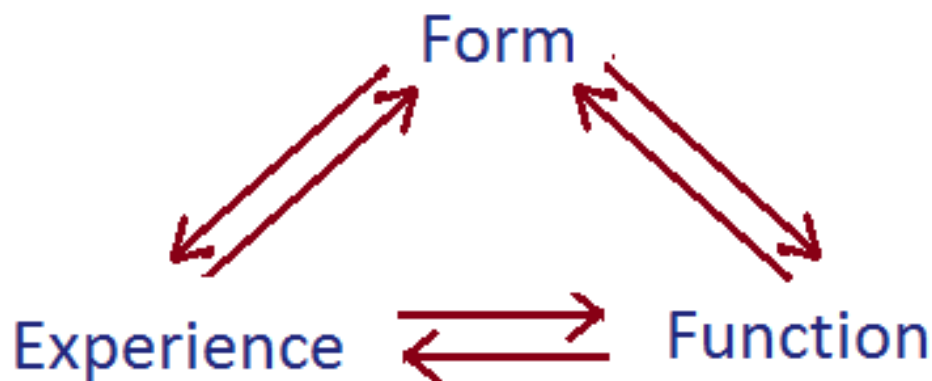
- Лектор: ф.-м.ғ.к., ассоц. профессор
- Яғалиева Бағдат Есеновна

Интерактивті дизайн

Static to Active Пайдаланушы интерфейсі: статикалықтан белсенді өзара әрекетке көшу

Form is always connected to the Function

Пішін мен функция әрқашан өзара байланысты

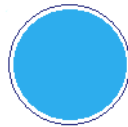


Интерактивті дизайн

Функционалдык (Functionality)

Интерфейс қалай жұмыс істейді? Біз жүйемен қалай әрекеттесуді қайдан білеміз?

logical



interact

illogical

predictable



interact



interact



interact



interact



interact



interact

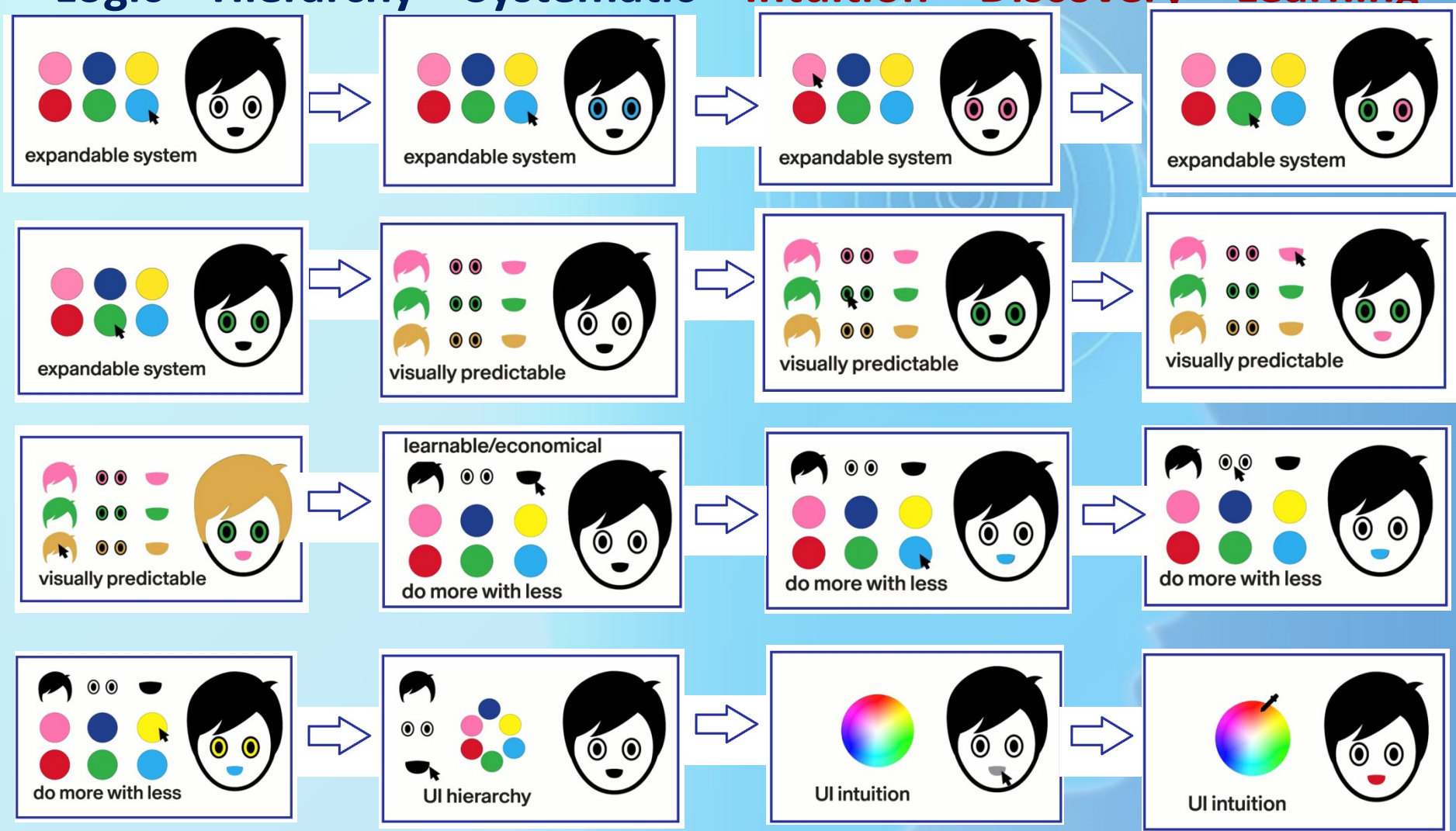


interact

Интерактивті дизайн

Функционалдык (жалғасы.)

Logic + Hierarchy + Systematic = **Intuition + Discovery + Learning**



Интерактивті дизайн

Жұмыс жылдамдығы мен дизайн

СТИЛІ

Жылдамдық (Speed)

✓ Артықшылықтары (Pros):

- Қарапайым / тікелей
- Дәл және айқын
- Жылдам үйренуге болады
- Таныс және болжамды
- Логикалық

✗ Кемшілігі (Cons):
Зеріктіреді

Стиль (Style)

✓ Артықшылықтары (Pros):

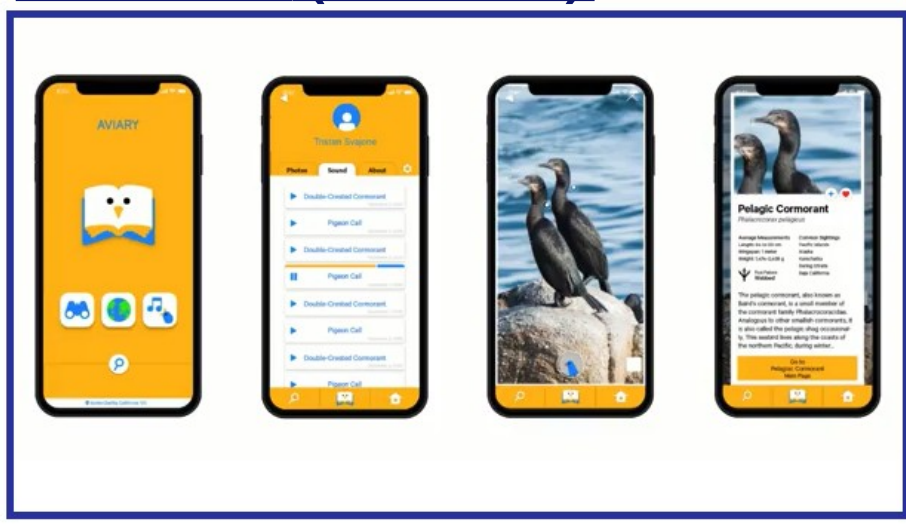
- Көңіл көтереді
- Қатыстырушы
- Жағымды тәжірибе сыйлайды
- Бренд қалыптастырады
- Жаңашыл және дара

✗ Кемшіліктері (Cons):

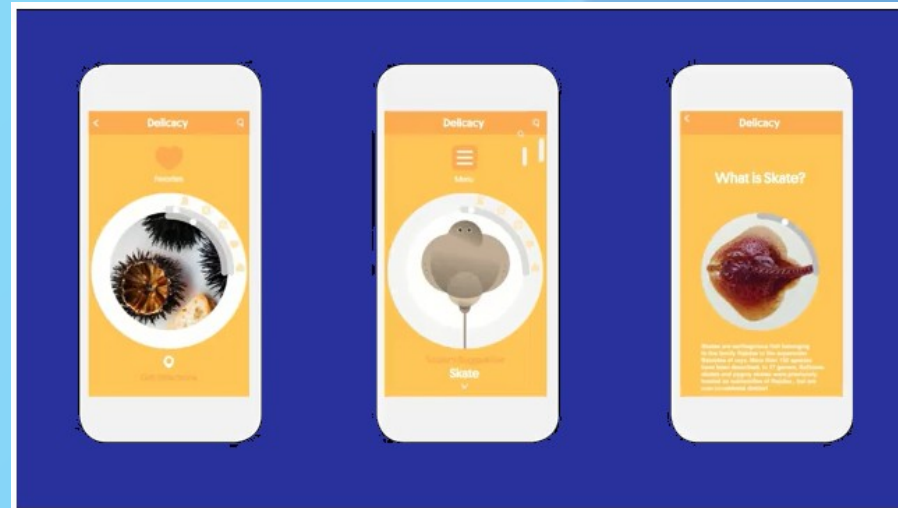
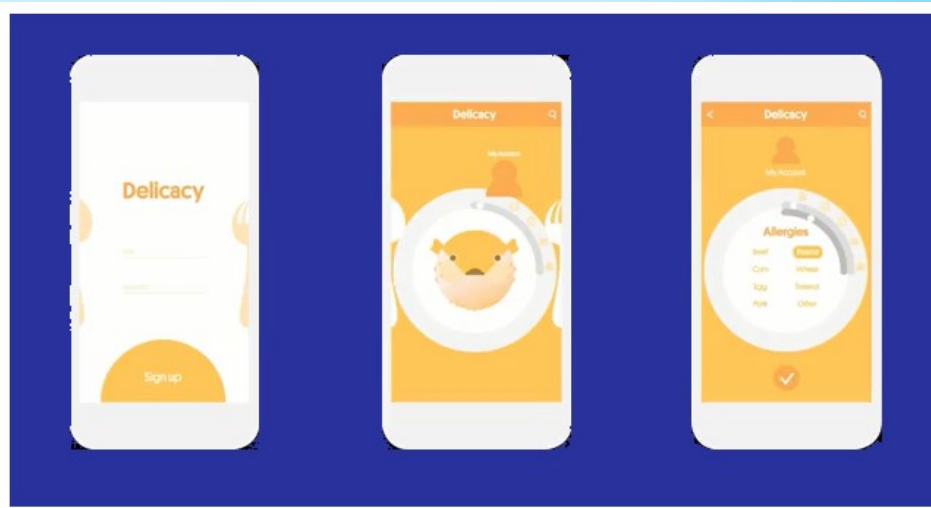
- Мазмұнды көлеңкеде қалдырады
- Көп уақыт алады
- Пайдаланушыны шаршатады
- Тез ескіріп қалады
- Қажетсіз болуы мүмкін

Інтерактивті дизайн

Жұмыс жылдамдығы мен дизайн стилі (cont.)



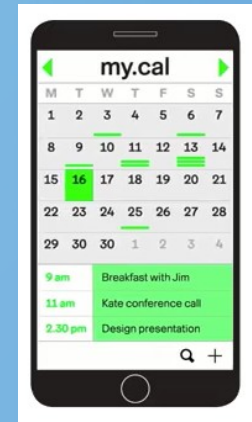
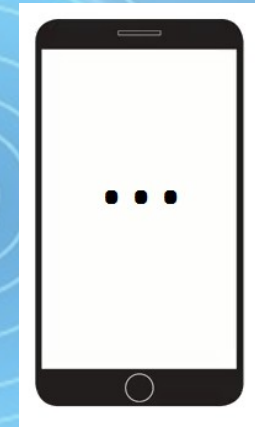
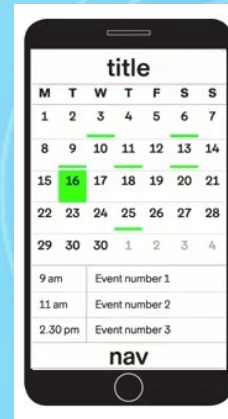
“The best interface is no interface at all”
(G. Krishna)



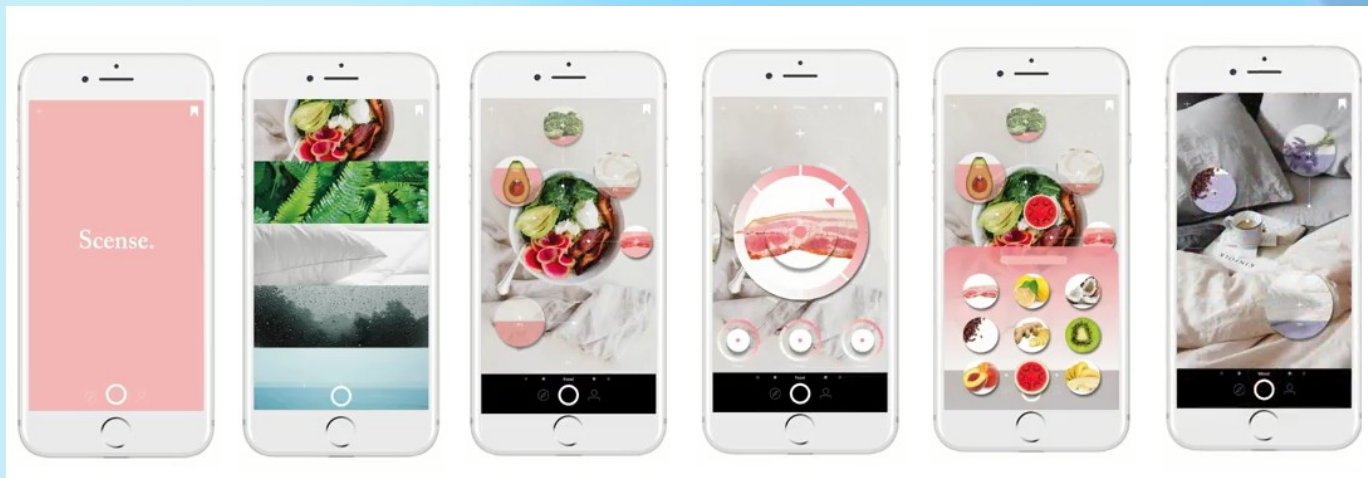
Интерактивті дизайн

Композиция мен құрылым

Мазмұнға бағытталған дизайн **vs** Контекстке бағытталған дизайн



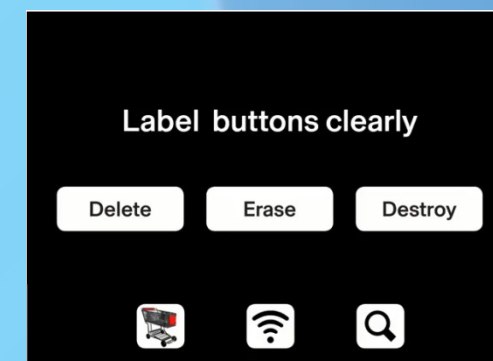
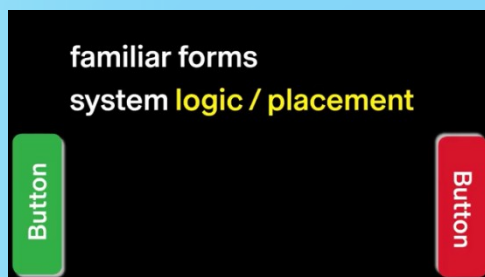
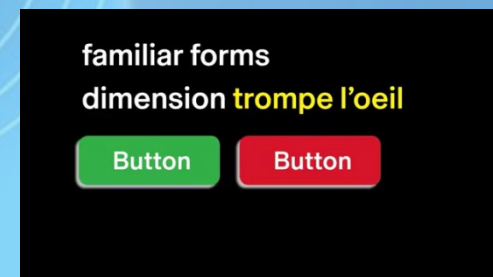
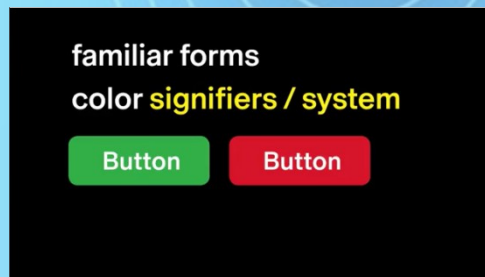
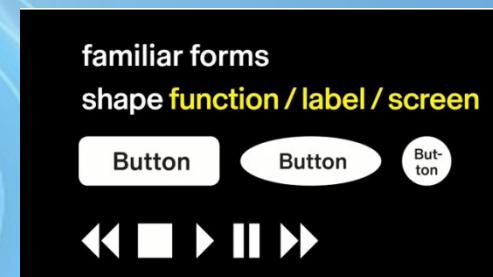
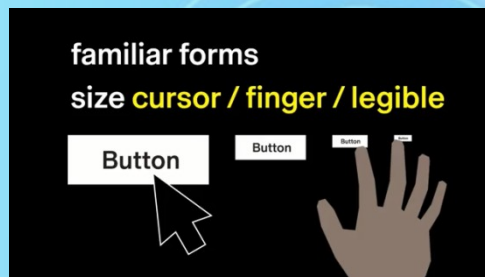
Қарапайым күнтізбе: функционалдық мазмұн Иерархия, Түс, Белгілер, Тіл, Пішін



Інтерактивті дизайн

Батырма

- Таныс пішіндер мен элементтер
 - өлшем (cursor/finger/legible)
 - пішін (function/label/screen)
 - түс (signifiers/system)
 - өлшемділік (trompe l'oeil)
 - жүйе (logic/placement)



Интерактивті дизайн

Батырма емес элементтер

ЖЫЛДАМДЫҚ /
ФУНКЦИОНАЛ
ДЫҚ

Пішін

Масштаб

Контраст

Айқындық

Үнемділік



Text entry

Text entry

Text entry

Tiny type size which might be OK if there was a lot of text going in here like this, but then you'd have to think about the line length, which seems pretty long. Tiny type size which might be OK if there was a lot of text going in here like this, but then you'd have to think about the line length, which seems pretty long.

Tiny type size which might be OK if there was a lot of text going in here like this, but then you'd have to think about the line length, which seems pretty long. Tiny type size which might be OK if there was a lot of text going in here like this, but then you'd have to think about the line length, which seems pretty long.

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Tiny type size which might be OK if there was a lot of text going in here like this, but then you'd have to think about the line length.

First name	Last name

First name	Last name

First name	Last name

First name	Last name

First name	Last name

First name	Last name

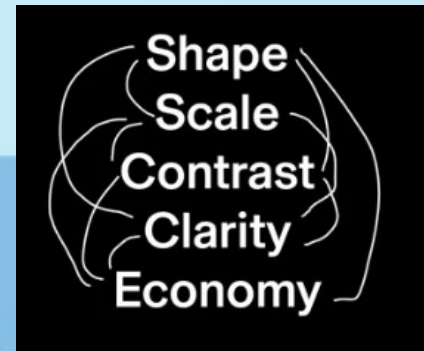
First name	Last name

Интерактивті дизайн

Батырма емес элементтер

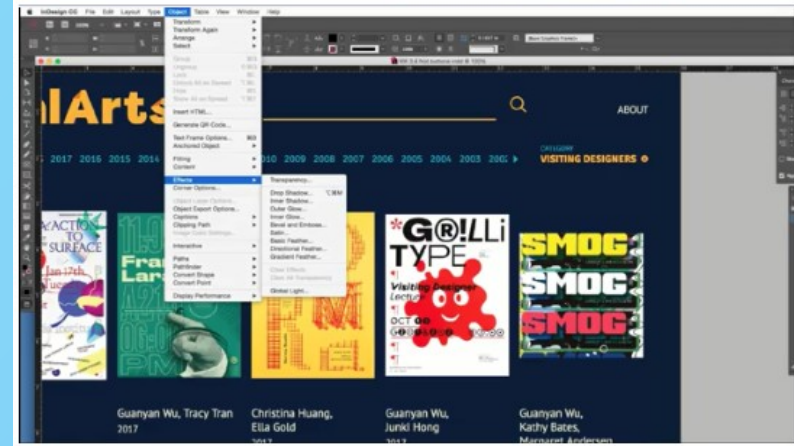
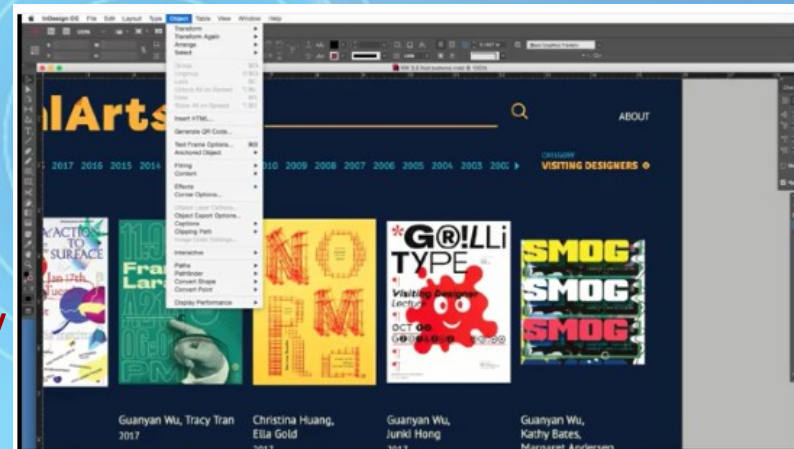
(cont.)

- **LINKS:** The simplest way to show a link

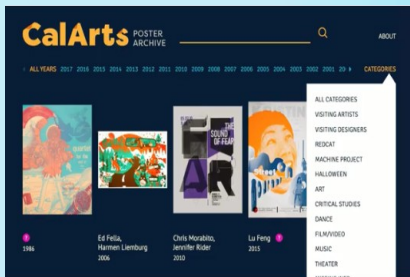


MENUS

- Drop down type list
- Highlighted choices
- Nested subcategories
- Activity /visibility
- Economical
- Known location
- Spatial economy
- Need-to-know



Shape of box
Scale of box
Color of box
Relationship
to main menu
Relationship
to elements



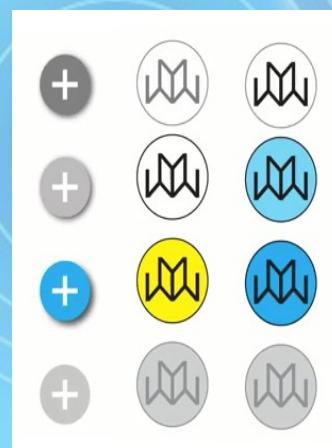
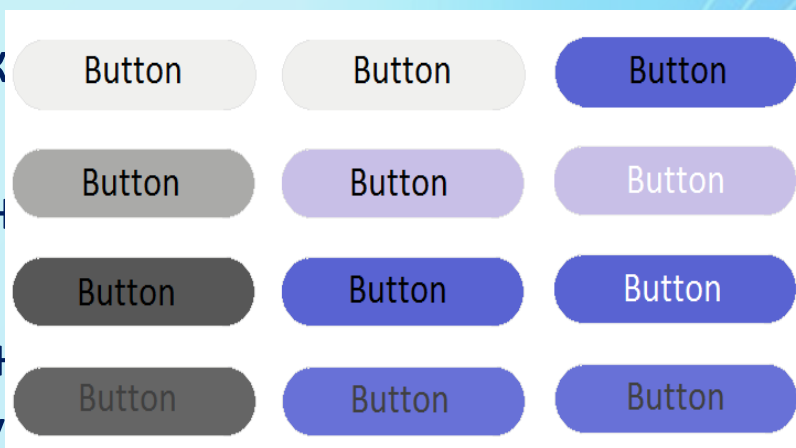
Typeface
Weight/Size
Leading/Case
Color of Type
State change

Интерактивті дизайн

Күйлер мен Өзгерістер

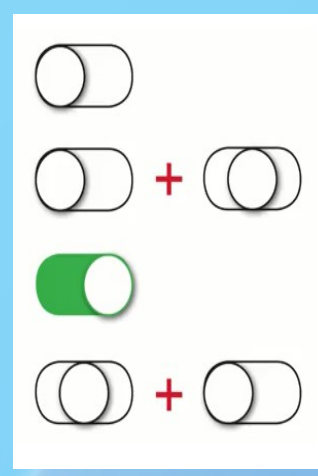
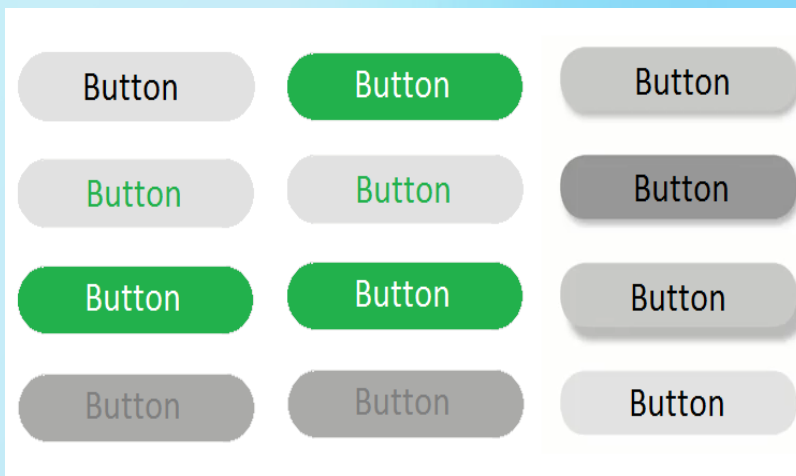
- Батырма: визуалды белгілер мен күй өзгерістері

Қалыпты күй
Үстіне
апарылған күй
күй
Басылған күй
Өшірулі күй



Тану
Растау
Белсендіру
Бас тарту

Normal
Hover
Press
Inactive



Интерактивті дизайн

Күйлер мен Өзгерістер (cont.)

Қозғалыс күйлері дәстүрлі күй ауысуларын алмастырады

The Swipe 

The Finger 

Replaces

Replaces



The Click



The Mouse

Элементтердің әртүрлі СТАТИКАЛЫҚ күйлерін **және** олардың күйлер арасындағы АНИМАЦИЯСЫН ойлаңыз

Интерактивті дизайн

Назарларыңызға рахмет!

