

FileMaker Buluşması

Mart 2018 / Konya

FileMaker ve UI/UX Temelleri

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F. Osman CABİ





UI / UX?



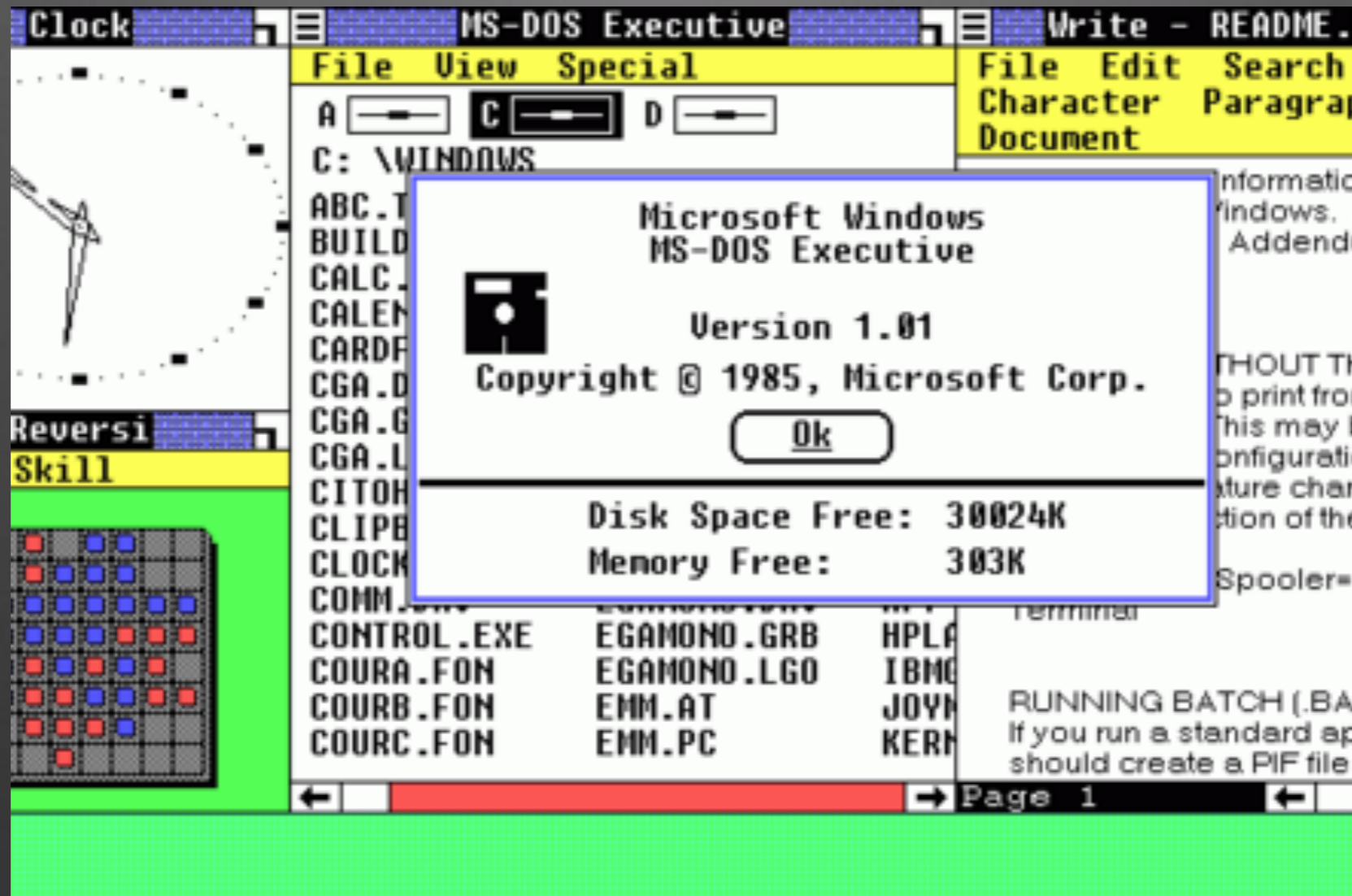
UI / UX?



UI / UX?



UI / UX?



UI / UX?



UI / UX?



User Experience

Design

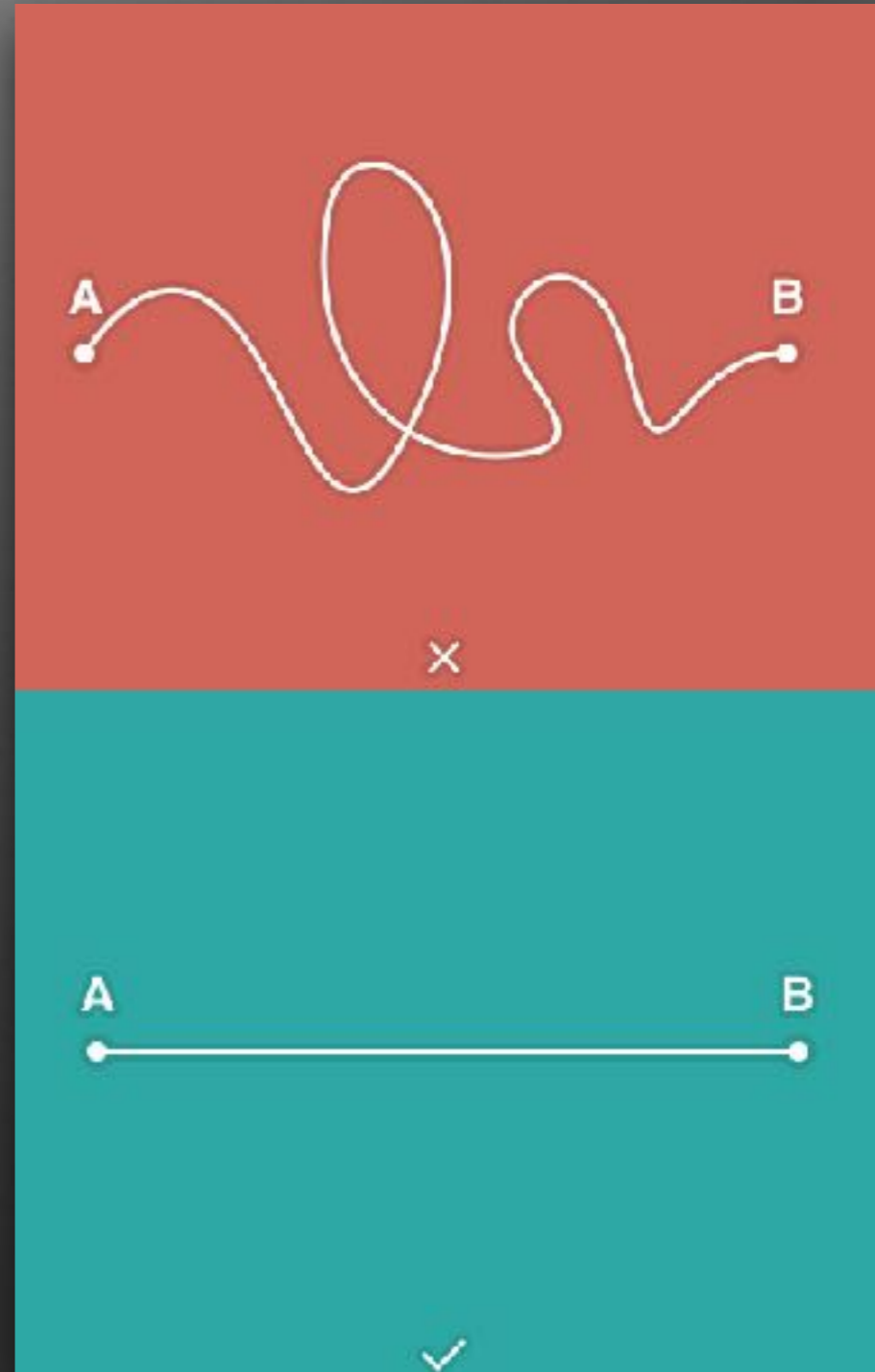
UI / UX / CX?

BEFORE YOU KNOW IT, HOW IS THIS FOR START?
NO GAINING BEING WORKING OUT
AT FIT VIBE HEALTH AND FITNESS CENTER FOR
WE REALLY KNOW HOW TO MAKE YOU WORK OUT

fitvibe
FITNESS CENTER

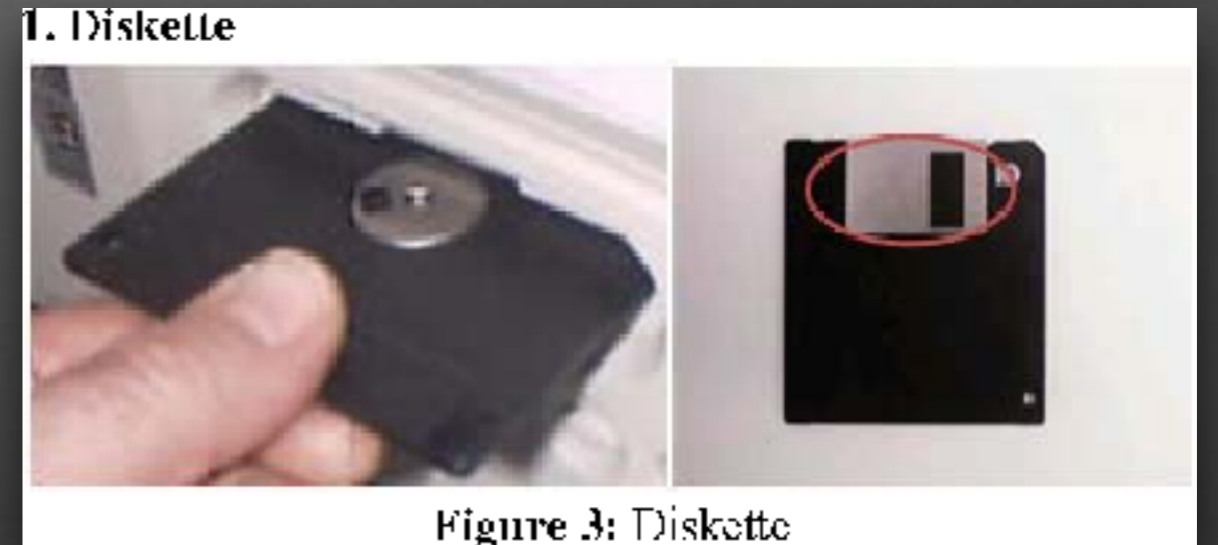
Nedir?

- Usability (Kullanılabilirlik)
 - Learnability (Öğrenebilirlik)
 - Efficiency (Verimlilik)
 - Memorability (Akılda Kalıcılık)
 - Errors (Hatalar)
 - Satisfaction (Memnuniyet)



Nedir?

- Usability (Kullanılabilirlik)
 - Learnability (Öğrenebilirlik)
 - Efficiency (Verimlilik)
 - Memorability (Akılda Kalıcılık)
 - Errors (Hatalar)
 - Satisfaction (Memnuniyet)



Neden Önemli?



A USER
INTERFACE
IS LIKE A JOKE
IF YOU HAVE TO
EXPLAIN IT
IT'S NOT THAT
GOOD

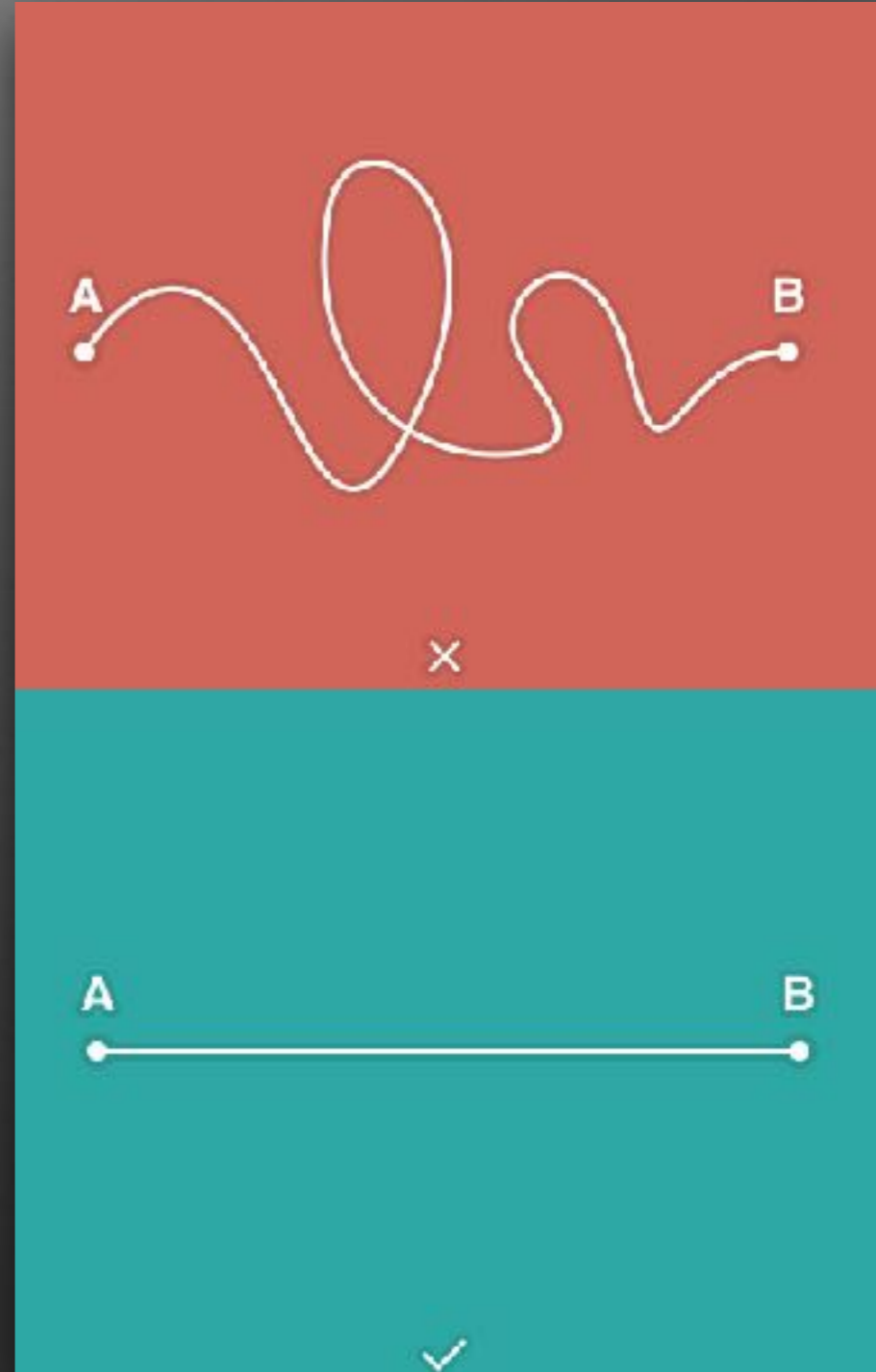
Behappy.me

Neden Önemli?



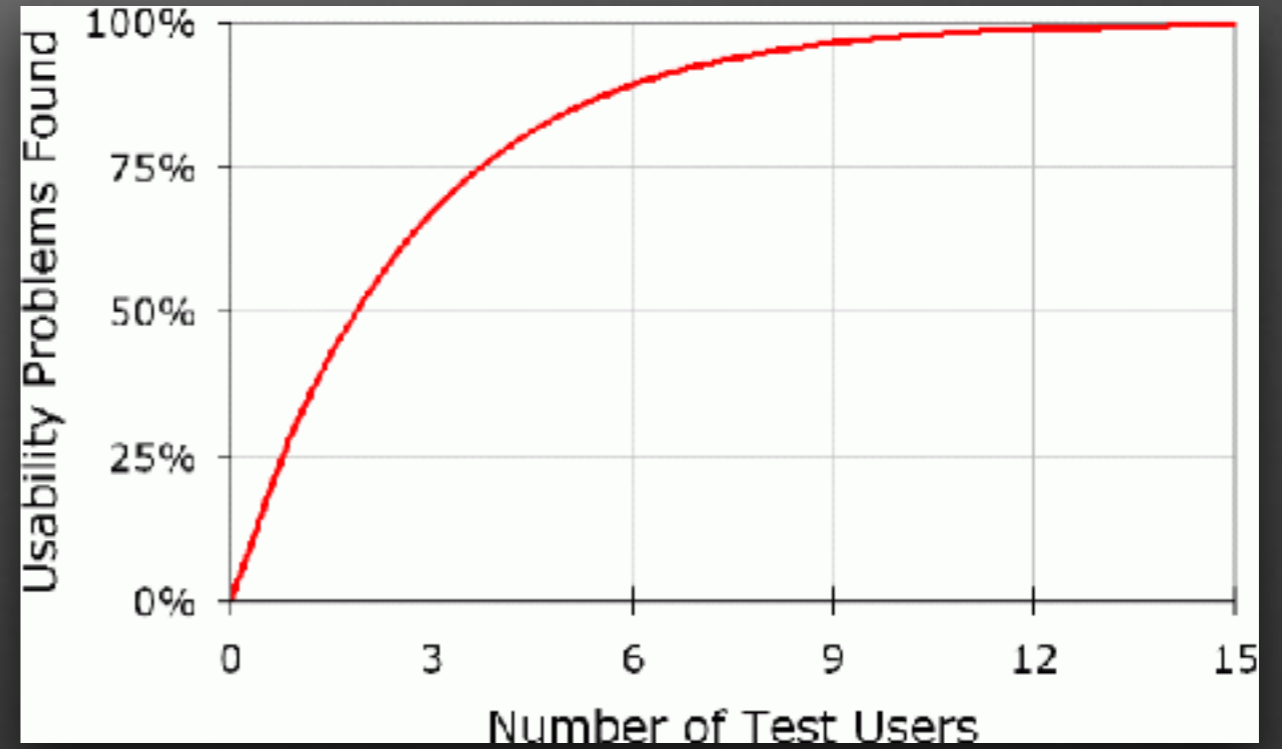
Neden Önemli?

- Kullanılmayan kullanılmaz
- Eğitim maliyetini düşürmek
- Kaynakları daha iyi kullanmak



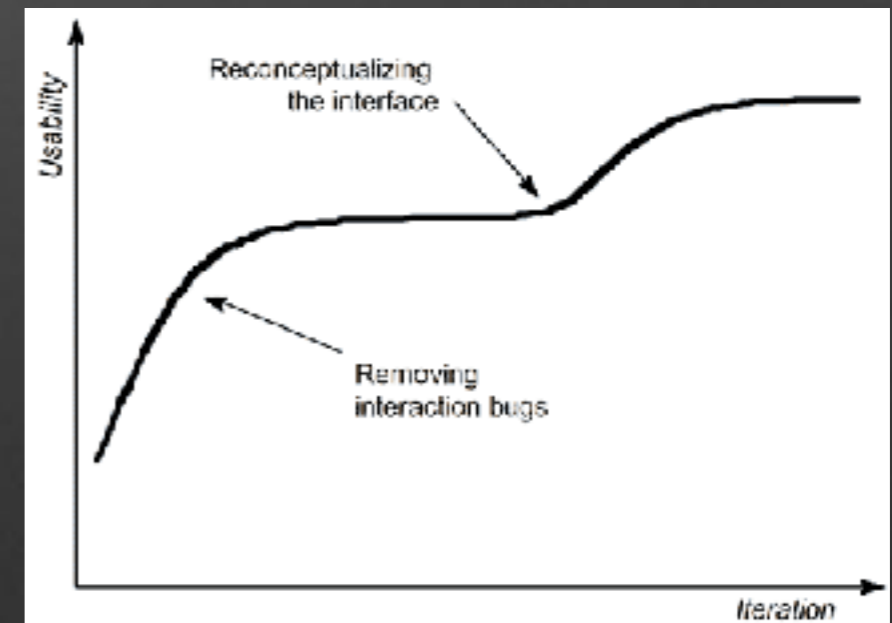
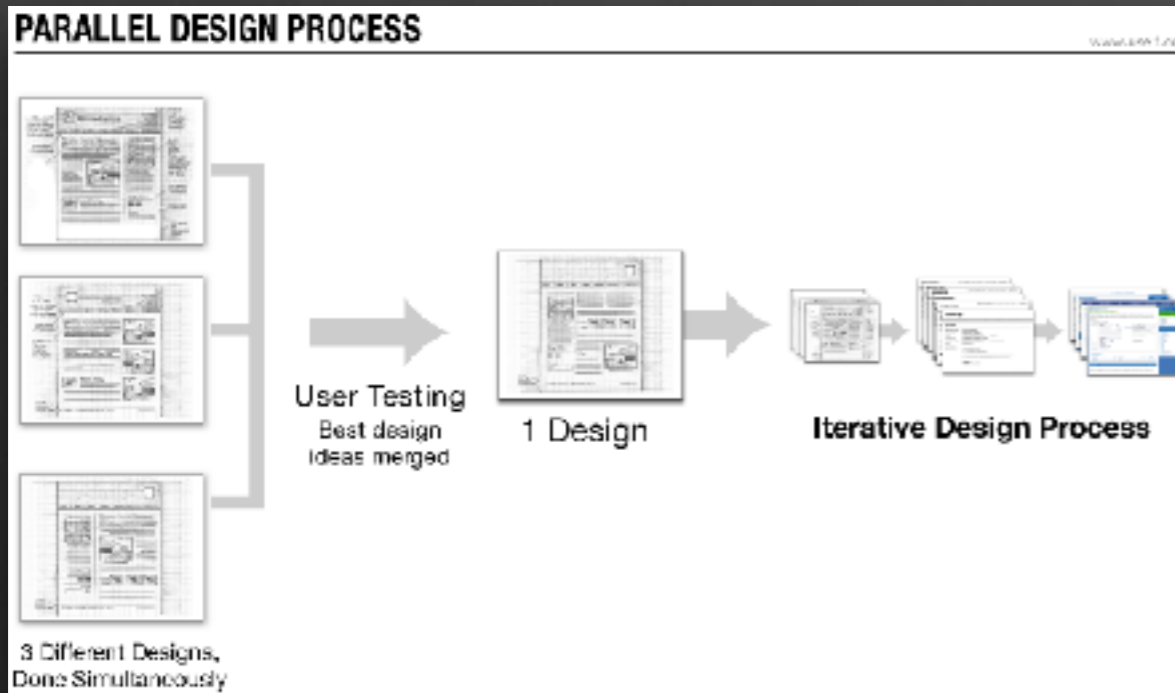
Nasıl Geliştirilir?

- Sembolik kullanıcı belirleyin
- İşlem yapmasını isteyin
- Gözlemleyin



Nasıl Geliştirilir?

- Eski tasarımı test edin
- Rakipleri test edin
- Saha etüdü yapın
- Kağıt prototipler oluşturun
- Paralel ve Tekrarlı (Iterative) Tasarım
- Kullanılabilirlik klavuzu hazırlayın
- Test edin



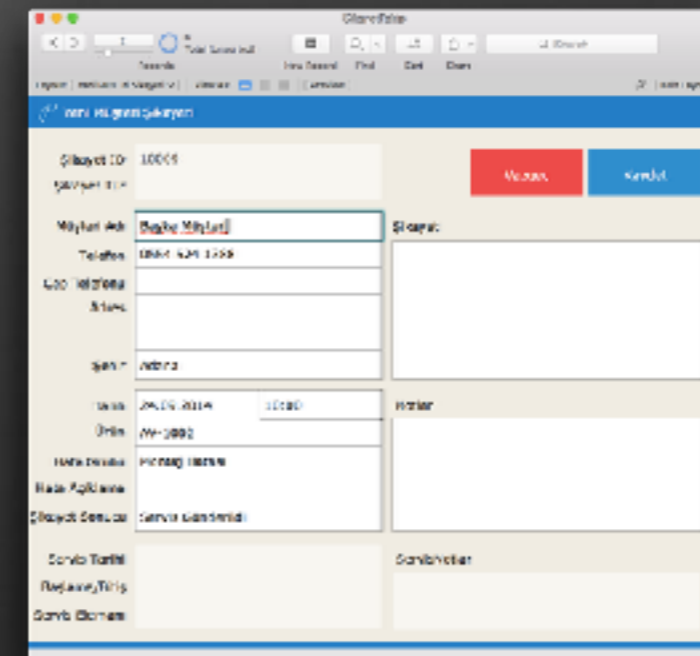
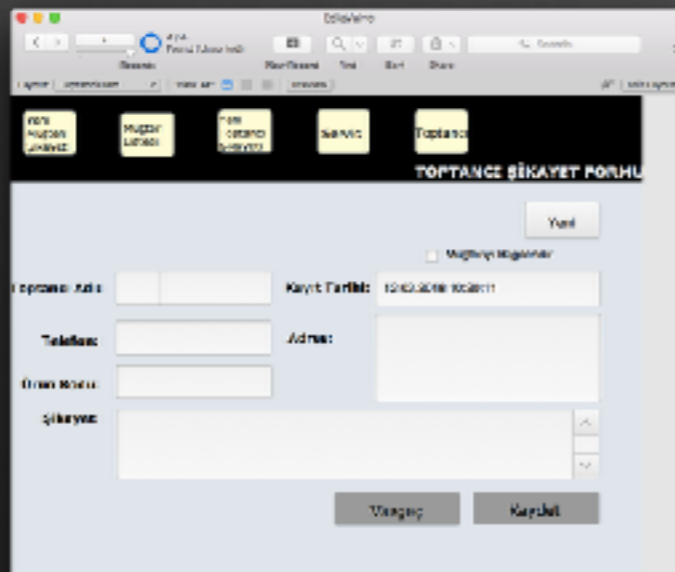
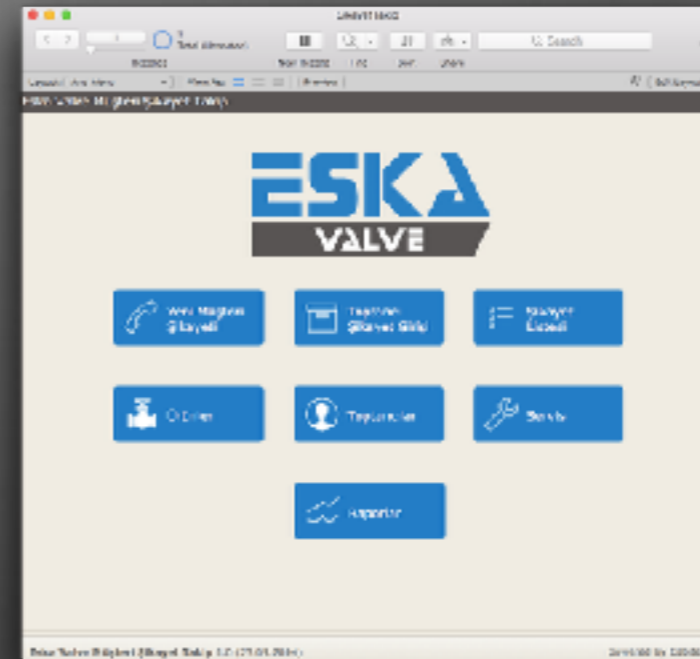
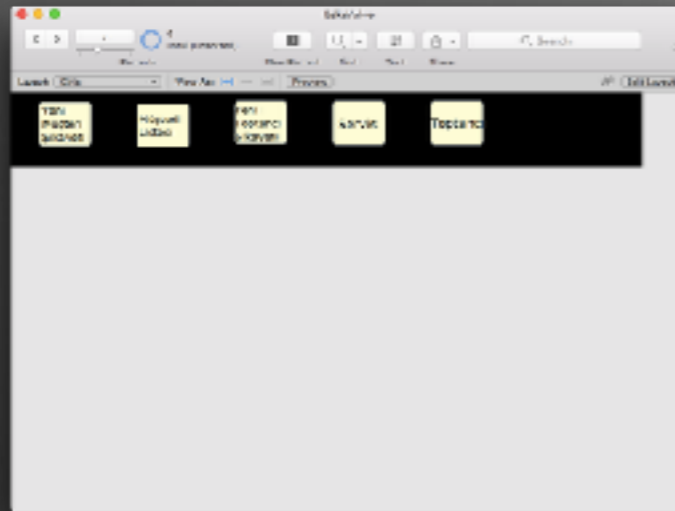
FileMaker UI/UX

- Kullanıcı profili
 - Yönetici
 - Veri giriş personeli
 - İş-ortağı
- Ortam / platform
 - FileMaker Go
 - FileMaker Pro
 - WebDirect
- Teknoloji ile ilişkisi
- Kullanım şekli / iş akışı

FileMaker UI/UX

- Theme & Styles / Object States
- Conditional Formatting
- Conditional Visibility
- Buttons and Button Bars
- Custom Dialogs
- Card Windows / Popovers

FileMaker UI/UX



Demo



Advanced File Edit View Insert Format Records Scripts Tools Window Help

From Oh to Whoa

Records 6 Total (Unsorted) Show All New Record Delete Record Find Sort Share

Layout: Invoice D... Before View As: Preview Edit Layout

What are we going to do? First up: Fields >

Invoice Details

Invoice #	17291	Street	319-4100 Eu Avenue
Customer	1108 Alec Nero	City	Missoula
Date Added	7/15/2017	State	MT
Due Date	7/5/2017	Zip	52331
Date Shipped		Salesperson	Austina
Method	Fedex	PO #	
Status	Pending		
Terms	Due On Receipt		

Line Items

ITEM		QUANTITY	UNIT PRICE	TOTAL	
101	8" Santoku knife	2	75	150	
102	Mini cutting board	3	8	24	
103	Large cutting board	3	30	90	
100	Blender	7	20	140	

SOLIANT CONSULTING

Advanced File Edit View Insert Format Records Scripts Tools Window Help

From Oh to Whoa

Records 6 Total (Unsorted) Show All New Record Delete Record Find Sort Share

Layout: Invoice D... Before View As: Preview Edit Layout

What are we going to do? First up: Fields >

Invoice Details

ORGANIZE THE FIELDS ON THE LAYOUT, FIX THE TAB ORDER, & USE CONSISTENT STYLES

Invoice #	17291	← CREATE READ ONLY STYLE	Street	319-4100 Eu Avenue
Customer	1108	Alec Nero	City	Missoula
Date Added	7/15/2017	← SHOW THE CALENDAR	State	MT
Due Date	7/5/2017	← VALIDATE DUE DATE	Zip	52331
Date Shipped			Salesperson	Austina
Method	Fedex		PO #	
Status	Pending			
Terms	Due On Receipt	← USE VALUE LISTS		

Line Items

ITEM		QUANTITY	UNIT PRICE	TOTAL	
101	8" Santoku knife	2	75	150	🗑️
102	Mini cutting board	3	8	24	🗑️
103	Large cutting board	3	30	90	🗑️
100	Blender	7	20	140	🗑️

SOLIANT CONSULTING

Advanced File Edit View Insert Format Records Scripts Tools Window Help

From Oh to Whoa

Records 6 Total (Unsorted) Show All New Record Delete Record Find Sort Share

Layout: Invoice D...Shipping View As: Preview Edit Layout

[Back to Fields](#) **What are we going to do?** [Next up: Customer >](#)

Invoice Details

Invoice #	17291	Method	Fedex
Date Added	7/15/2017	Salesperson	Austina
Customer	1108 Alec Nero	PO #	
Due Date	7/5/2017	Terms	Due On Receipt
Date Shipped			
Status	Pending		

Shipping Address

319-4100 Eu Avenue
Missoula, MT 52331

Edit

Line Items

ITEM		QUANTITY	UNIT PRICE	TOTAL	
101	8" Santoku knife	2	\$75.00	\$150.00	X ^
102	Mini cutting board	3	\$8.00	\$24.00	X
103	Large cutting board	3	\$30.00	\$90.00	X
100	Blender	7	\$20.00	\$140.00	X
					X
				\$404.00	

Right Answers from Users - UI Tips and Tricks (Beginner 002)

Advanced File Edit View Insert Format Records Scripts Tools Window Help

From Oh to Whoa

Records 7 Total (Unsorted) Show All New Record Delete Record Find Sort Share

Layout: Invoice D...Shipping View As: Preview Edit Layout

Back to Fields **What are we going to do?** Next up: Customer

Invoice Details

Invoice #	17300	Method	
Date Added	7/25/2017	Salesperson	
Customer	1141 Aidan William	PO #	
Due Date		Terms	Due On Receipt
Date Shipped			
Status	Pending		

Shipping Address

Ap #819-5119 Metus Rd.
Kearney, NE 34222

Edit

Customer Address

Ap #819-5119 Metus Rd.
Kearney, NE 34222

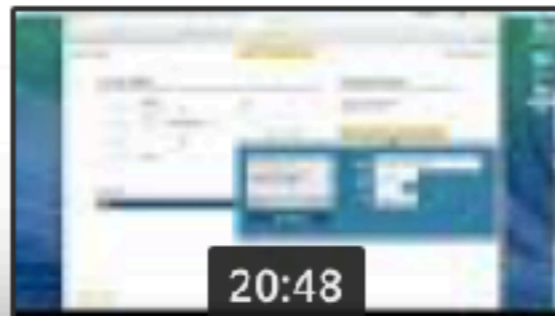
Use This Address

Clear Address

Street	Ap #819-5119 Metus Rd.
City	Kearney
State	NE
Zip	34222

Line Items

ITEM



20:48

Advanced File Edit View Insert Format Records Scripts Tools Window Help

From Oh to Whoa

Records 7 Total (Unsorted) Show All New Record Delete Record Find Sort Share

Layout: Invoice D...Shipping View As: Preview Edit Layout

[Back to Fields](#) **What are we going to do?** [Next up: Customer](#)

Invoice Details

Invoice # 17300

Date Added 7/25/2017

Customer 1141 Aidan William

Due Date

Date Shipped

Status Pending

Sale **USE A CARD WINDOW AS A PICKER & USE CONDITIONAL FORMATTING**

Shipping Address

Ap #619-5119 Metus Rd.
Kearney, NE 34222

Edit

Line Items

ITEM	QUANTITY	UNIT PRICE	TOTAL

Advanced File Edit View Insert Format Records Scripts Tools Window Help

From Oh to Whoa

Records 7 Total (Unsorted) Show All New Record Delete Record Find Sort Share

Layout: Invoice D...Shipping View As: Preview Edit Layout

[Back to Fields](#) What are we going to do? [Next up: Customer](#)

Invoice Details

Invoice # Method

Date Added Salesperson

Customer Aidan William PO #

Due Date 1105 Reed Kevyn Terms

Date Shipped 1175 Riley MacKensie

Status 1191 Rina Devin

1158 Rina Gath

1133 Ryan Robin

1188 Sage Jolie

1169 Sasha Isaiah

1112 Shad Ainsley

Shipping Address

Ap #019-5119 Metus Rd.
Kearney, NE 34222

[Edit](#)

Line Items

ITEM	QUANTITY	UNIT PRICE	TOTAL
1144 Simon Ivan			
1176 Summer Merrill			
1134 Tad Jeremy			
1166 Thane Fiona			
1132 Ulla Lewis			
1192 Ursula Kenneth			
1102 Velma Dacey			
1152 Willa Rhoda			
1117 Wylie Burton			

Advanced File Edit View Insert Format Records Scripts Tools Window Help

From Oh to Whoa

Records 8 Total (Unsorted) Show All New Record Delete Record Find Sort Share

Layout: Invoice D...ustomer View As: Preview Edit Layout

[← Back to Shipping](#) **What are we going to do?** [Next up: Information >](#)

Invoice Details

Invoice #	<input type="text" value="17301"/>	Method	<input type="text"/>
Date Added	<input type="text" value="7/25/2017"/>	Salesperson	<input type="text"/>
Customer	<input type="text" value="Select a Customer"/>	PO #	<input type="text"/>
Due Date	<input type="text"/>	Terms	<input type="text" value="Due On Receipt"/>
Date Shipped	<input type="text"/>		
Status	<input type="text" value="Pending"/>		

Shipping Address

Line Items

ITEM	QUANTITY	UNIT PRICE	TOTAL

Right Answers from Users - UI Tips and Tricks (Beginner 002)

Advanced File Edit View Insert Format Records Scripts Tools Window Help

From Oh to Whoa

Records 8 Total (Unsorted) Show All New Record Delete Record Find Sort Share

Layout: Invoice B...customer View As: [Icons] [Preview] Edit Layout

< Back to Shipping What are we going to do? Next up: Information >

Invoice Details

Invoice # 17301 Method [Dropdown]

Date Added 7/25/2017

Customer Select a Customer

Due Date

Date Shipped

Status Pending

Shipping Address

[Form]

Edit


Select a Customer

Search

- Ian Abraham** Springdale, AR
Vitae Diam Company
- Jessica Adena** Aurora, CO
Dictum Corp.
- Shad Ainsley** Provo, UT
Donec Consulting
- Dacey Alec** Duluth, MN

Line Items

ITEM	TOTAL



Advanced File Edit View Insert Format Records Scripts Tools Window Help

From Oh to Whoa

Records 8 Total (Unsorted) Show All New Record Delete Record Find Sort Share

Layout: Invoice D...ustomer View As: Preview Edit Layout

[← Back to Shipping](#) **What are we going to do?** [Next up: Information >](#)

Invoice Details

Invoice #	17301	Method	
Date Added	7/25/2017	Salesperson	
Customer	Shad Ainsley	PO #	
Due Date		Terms	Due On Receipt
Date Shipped			
Status	Pending		

[Clear](#)

Shipping Address

Ap #146-7343 Sed Av.
Provo, UT 80119

[Edit](#)

Line Items

ITEM	QUANTITY	UNIT PRICE	TOTAL

Advanced File Edit View Insert Format Records Scripts Tools Window Help

From Oh to Whoa

Records 8 Total (Unsorted) Show All New Record Delete Record Find Sort Share

Layout: Invoice D...ustomer View As: Preview Edit Layout

[← Back to Shipping](#) **What are we going to do?** [Next up: Information >](#)

Invoice Details

Invoice #	17291	Method	Fedex
Date Added	7/15/2017	Salesperson	Austina
Customer	Alec Nero	PO #	
Due Date	7/5/2017	Terms	Due On Receipt
Date Shipped			
Status	Pending		

Clear

Shipping Address

319-4100 Eu Avenue
Missoula, MT 52331

Edit

← ADD SOME INFO ABOUT THE DIFFERENT STATUSES

Line Items

ITEM		QUANTITY	UNIT PRICE	TOTAL	
101	8" Santoku knife	2	\$75.00	\$150.00	×
102	Mini cutting board	3	\$8.00	\$24.00	×
103	Large cutting board	3	\$30.00	\$90.00	×
100	Blender	7	\$20.00	\$140.00	×
					×
				\$404.00	

Right Answers from Users - UI Tips and Tricks (Beginner 002)

Advanced File Edit View Insert Format Records Scripts Tools Window Help

From Oh to Whoa

Records 8 Total (Unsorted) Show All New Record Delete Record Find Sort Share

Layout: Invoice D...More Info View As: Preview Edit Layout

← Back to Customer What are we going to do? Next up: Status Buttons >

Invoice Details

Invoice #	17291	Method	Fedex
Date Added	7/15/2017	Salesperson	Austina
Customer	Alec Nero Clear	PO #	
Due Date	7/5/2017	Terms	Due On Receipt
Date Shipped			
Status	Pending ⓘ		

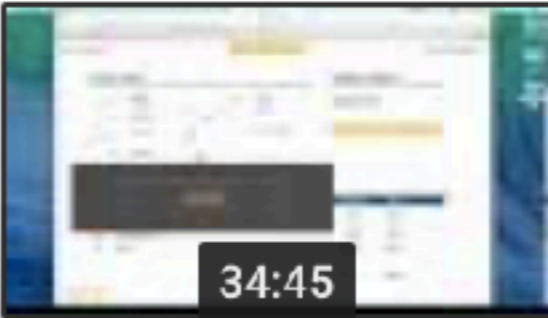
Shipping Address

319-4100 Eu Avenue
 Missoula, MT 52331

Edit

Pending	Confirmed	Shipped
Waiting for manager approval. Review includes due date, address, and line items.	Prepping the shipment for delivery. Warehouse manager will confirm items and mark as shipped.	Items are shipped. Suggested action: call client to confirm delivery and request satisfaction rating.

	UNIT PRICE		TOTAL	
	\$75.00	\$150.00		✗
	\$8.00	\$24.00		✗
103 Large cutting board	\$30.00	\$90.00		✗
100 Blender		\$140.00		✗
		\$404.00		✗



Right Answers from Users - UI Tips and Tricks (Beginner 002)

Advanced File Edit View Insert Format Records Scripts Tools Window Help

From Oh to Whoa

Records 8 Total (Unsorted) Show All New Record Delete Record Find Sort Share

Layout: Invoice D...More Info View As: Preview Edit Layout

← Back to Customer What are we going to do? Next up: Status Buttons >

Invoice Details

Invoice #	17291	Method	Fedex
Date Added	7/15/2017	Salesperson	Austina
Customer	Alec Nero	PO #	
Due Date	7/5/2017	Terms	Due On Receipt
Date Shipped			
Status	Canceled		

[Clear](#)

Shipping Address

319-4100 Eu Avenue
 Missoula, MT 52331

[Edit](#)

Canceled

			UNIT PRICE	TOTAL	
			\$75.00	\$150.00	✗
			\$8.00	\$24.00	✗
103	Large cutting board	3	\$30.00	\$90.00	✗
100	Blender	7	\$20.00	\$140.00	✗
				\$404.00	

Advanced File Edit View Insert Format Records Scripts Tools Window Help

From Oh to Whoa

Records 8 Total (Unsorted) Show All New Record Delete Record Find Sort Share

Layout: Invoice D...s Option View As: Preview Edit Layout

[Back to Information](#) What are we going to do? [Next up: Product Picker](#)

Invoice Details Canceled

Invoice # Method

Date Added Salesperson

Customer [Clear](#) PO #

Due Date Terms

Date Shipped

Pending Confirmed Shipped **Canceled** ⓘ

Shipping Address

[Edit](#)

Line Items

ITEM		QUANTITY	UNIT PRICE	TOTAL	
101	8" Santoku knife	2	\$75.00	\$150.00	✕ ^
102	Mini cutting board	3	\$8.00	\$24.00	✕
103	Large cutting board	3	\$30.00	\$90.00	✕
100	Blender	7	\$20.00	\$140.00	✕
				\$404.00	✕

Advanced File Edit View Insert Format Records Scripts Tools Window Help

From Oh to Whoa

Records 8 Total (Unsorted) Show All New Record Delete Record Find Sort Share

Layout: Invoice D...s Option View As: Preview Edit Layout

[Back to Information](#) **What are we going to do?** [Next up: Product Picker](#)

Invoice Details Confirmed

Invoice # Method

Date Added Salesperson

Customer [Clear](#) PO #

Due Date Terms

Date Shipped

Shipping Address

[Edit](#)

[?](#)

Line Items

ITEM		QUANTITY	UNIT PRICE	TOTAL	
101	8" Santoku knife	2	\$75.00	\$150.00	X ^
102	Mini cutting board	3	\$8.00	\$24.00	X
103	Large cutting board	3	\$30.00	\$90.00	X
100	Blender	7	\$20.00	\$140.00	X
				\$404.00	X v

Records: 8 Total (Unsorted) | Show All | New Record | Delete Record | Find | Sort | Share

Layout: Invoice D...s Option | View As: [Grid] [Table] [Preview] | Search

← Back to Information | **What are we going to do?** | Next up: Product

Pending

Invoice Details

Invoice # 17291
Date Added 7/15/2017
Customer Alec Nero
Due Date 7/5/2017
Date Shipped

Clear

PO #
Terms Due On Receipt

Shipping Address

9-4100 Eu Avenue
Missoula, MT 52331

Edit

FileMaker Pro
Permanently delete this one related record?
Delete Cancel

Pending Confirmed Shipped Canceled ⓘ

Line Items

ITEM		QUANTITY	UNIT PRICE	TOTAL	
101	8" Santoku knife	2	\$75.00	\$150.00	X
102	Mini cutting board	3	\$8.00	\$24.00	X
103	Large cutting board	3	\$30.00	\$90.00	X
100	Blender	7	\$20.00	\$140.00	X
109	Juicer		\$8.00	\$0.00	X
				\$404.00	

Right Answers from Users - UI Tips and Tricks (Beginner 002)

The screenshot shows a software development environment with a 'Script Workspace (BEG002)' window. On the left, a 'Scripts' sidebar lists various scripts under folders like 'Admin', 'Picker Card Window', 'Line Item Creation', 'Address', and 'Status'. The 'Delete Portal Row' script is highlighted. The main workspace displays a 'Show Custom Dialog' Options dialog box with two tabs: 'General' (selected) and 'Input Fields'. The dialog contains instructions for specifying title, message, and button labels. The 'Title' field is empty, and the 'Message' field contains the text 'Do you want to delete this line item?'. Below the message, there are three button configurations: 'Default Button' with 'No', 'Button 2' with 'Yes', and 'Button 3' which is empty. The 'Commit Data' checkbox is checked for the 'Default Button' and unchecked for the others. 'Cancel' and 'OK' buttons are at the bottom.

Script Workspace (BEG002)

"Show Custom Dialog" Options

General Input Fields

Specify the title, message and buttons that you wish to display in the dialog. For the title and message, you can enter specific values, or get them from a calculation.

Title

Specify...

Message

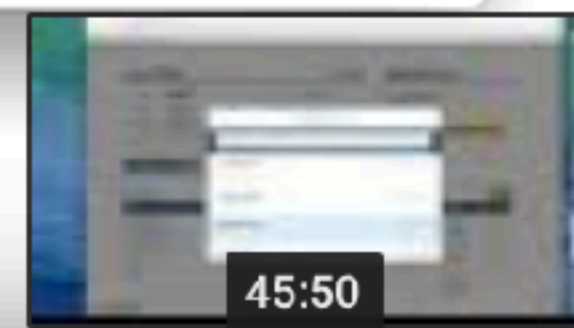
"Do you want to delete this line item?"

Specify...

Enter the text to be used as a label for each button that you wish to display. Buttons will only be displayed if they are labeled.

Default Button	"No"	Specify...	<input checked="" type="checkbox"/> Commit Data
Button 2	"Yes"	Specify...	<input type="checkbox"/> Commit Data
Button 3		Specify...	<input type="checkbox"/> Commit Data

Cancel OK



← Back to Status Buttons

Invoice Details

Pending

Shipping Address

Invoice #	17291	Method	Fedex	319-4100 Eu Avenue Missoula, MT 52331
Date Added	7/15/2017			
Customer	Alec Nero			
Due Date	7/5/2017			
Date Shipped				

Select a Product

knife

8" chef knife
\$75.00

8" Santoku knife
\$75.00

Knife set (20 piece)
\$150.00

Blender

Juicer

DONE

Line Items

ITEM	Quantity	Unit Price	Total	Remove
8" Santoku knife			\$150.00	×
Mini cutting board			\$24.00	×
Large cutting board			\$90.00	×
Blender	7	\$20.00	\$140.00	×
Juicer		\$8.00	\$0.00	×
			\$404.00	

← Back to Status Buttons

Invoice Details

Pending

Shipping Address

Invoice #	17291	Method	Fedex	319-4100 Eu Avenue Missoula, MT 52331
Date Added	7/15/2017	<div style="border: 1px solid #ccc; padding: 5px;"> <p style="text-align: center; margin: 0;">Select a Product</p> <input type="text" value="knife"/> <div style="border: 2px solid #0056b3; padding: 5px; margin: 5px 0;"> <p>8" chef knife \$75.00</p> </div> <div style="border: 2px solid #0056b3; padding: 5px; margin: 5px 0;"> <p>8" Santoku knife \$75.00</p> <p style="text-align: right;">How many? <input type="text"/> ADD</p> </div> <div style="border: 2px solid #0056b3; padding: 5px; margin: 5px 0;"> <p>Knife set (20 piece) \$150.00</p> </div> <p style="text-align: center; background-color: #0056b3; color: white; padding: 5px; margin: 5px 0;">DONE</p> </div>		
Customer	Alec Nero			
Due Date	7/5/2017			
Date Shipped				

Pending Conf

Line Items

ITEM			TOTAL
8" Santoku knife			\$150.00
Mini cutting board			\$24.00
Large cutting board			\$90.00
Blender	7	\$20.00	\$140.00
Juicer		\$8.00	\$0.00
			\$404.00

← Back to Status Buttons

Invoice Details

Pending

Shipping Address

Invoice #	17291	Method	Fedex	319-4100 Eu Avenue Missoula, MT 52331
Date Added	7/15/2017	<div style="border: 1px solid gray; padding: 5px;"> <p style="text-align: center; margin: 0;">Select a Product</p> <input type="text" value="knife"/> </div>		
Customer	Alec Nero			
Due Date	7/5/2017			
Date Shipped				

Pending Confi

Line Items

ITEM			TOTAL
8" Santoku knife			\$150.00
Mini cutting board			\$24.00
Large cutting board			\$90.00
Blender	7	\$20.00	\$140.00
Juicer		\$8.00	\$0.00
			\$629.00

Select a Product

8" chef knife
\$75.00

8" Santoku knife
\$75.00

Knife set (20 piece)
\$150.00

DONE

← Back to Status Buttons

Invoice Details

Pending

Shipping Address

Invoice #	17291	Method	Fedex	319-4100 Eu Avenue Missoula, MT 52331
Date Added	7/15/2017	<div style="border: 1px solid #ccc; padding: 5px;"> <p style="text-align: center; margin: 0;">Select a Product</p> <div style="border: 2px solid #0056b3; padding: 2px; margin-bottom: 5px;">knife</div> <div style="border: 1px solid #ccc; padding: 2px; margin-bottom: 5px;">8" chef knife \$75.00</div> <div style="border: 1px solid #ccc; padding: 2px; margin-bottom: 5px; background-color: #e6f2ff;">8" Santoku knife \$75.00 Added!</div> <div style="border: 1px solid #ccc; padding: 2px; margin-bottom: 5px;">Knife set (20 piece) \$150.00</div> <div style="border: 1px solid #ccc; padding: 2px; margin-bottom: 5px; background-color: #0070c0; color: white; text-align: center;">DONE</div> </div>		
Customer	Alec Nero			
Due Date	7/5/2017			
Date Shipped				

Pending Conf

Line Items

ITEM			TOTAL
8" Santoku knife		\$150.00	×
Mini cutting board		\$24.00	×
Large cutting board		\$90.00	×
Blender	7	\$20.00	×
Juicer		\$8.00	×
			\$629.00

← Back to Status Buttons

Invoice Details

Pending

Shipping Address

Invoice # **17291** Method **Fedex** 319-4100 Eu Avenue
 Date Added **7/15/2017** Missoula, MT 52331
 Customer **Alec Nero**
 Due Date **7/5/2017**
 Date Shipped

Select a Product

knife

8" chef knife
\$75.00

8" Santoku knife
\$75.00 **Added!**

Knife set (20 piece)
\$150.00

DONE

Line Items

ITEM	Quantity	Unit Price	Total	Remove
8" Santoku knife		\$150.00	\$150.00	X
Mini cutting board		\$24.00	\$24.00	X
Large cutting board		\$90.00	\$90.00	X
Blender	7	\$20.00	\$140.00	X
Juicer		\$8.00	\$0.00	X
			\$629.00	

Teşekkürler