

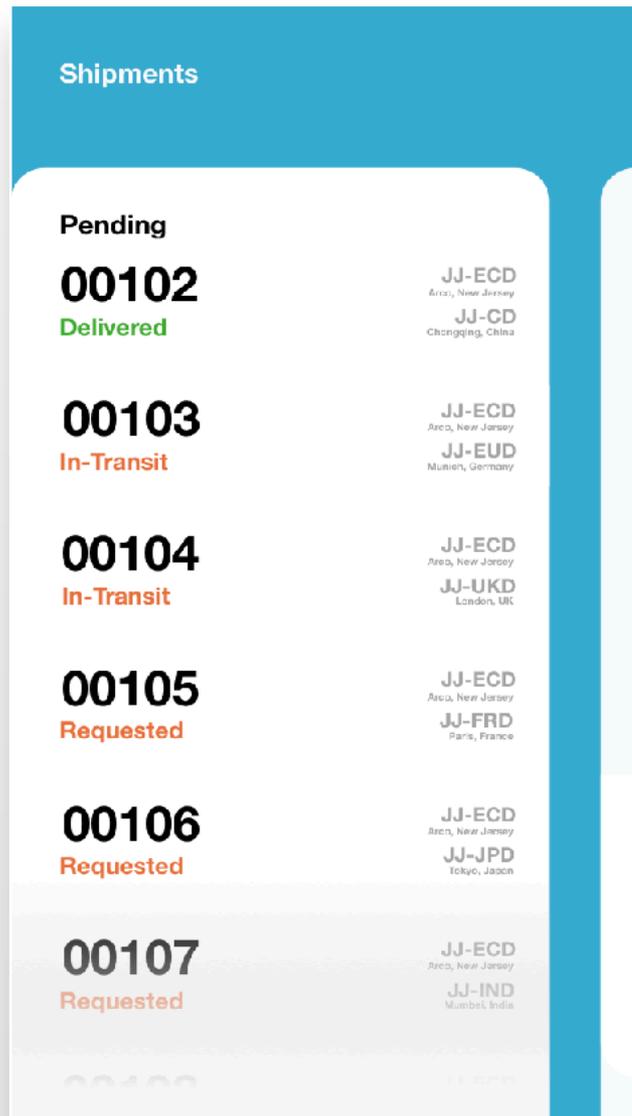
jan
harrington
user experience

NAME WITHHELD

CLINICAL INVENTORY MANAGEMENT APP

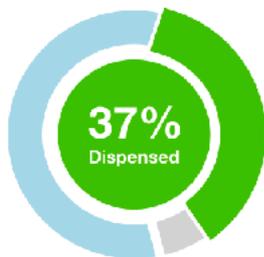
Traditionally, managing clinical inventory has been such a dry process, that translating it to the digital world was a challenge...so much so that the client's first objective was create something that their supply managers would actually use, as all previous attempts were so much as ignored, which led to poor reporting and cost estimates.

Approaching it differently meant actually going down to the shipping facilities, asking questions and testing the product. The end result was an easy yet robust mobile app that the managers could carry around with them and use, improving cost estimates by 27% in just the first quarter.

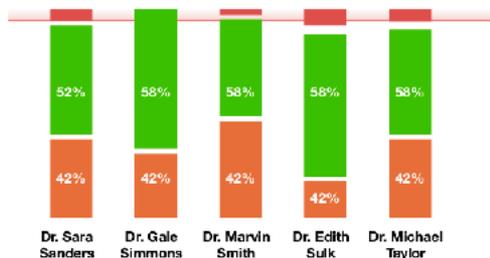


NAME WITHHELD

CLINICAL INVENTORY MANAGEMENT APP



FA2510-12 5mg	274
Placebo-12 5mg	280
FA2510-12 10mg	110
Placebo-12 10mg	112
FA2510-12 20mg	54
Placebo-12 20mg	56

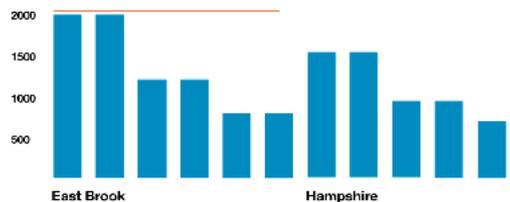


All Inventory at All Depots

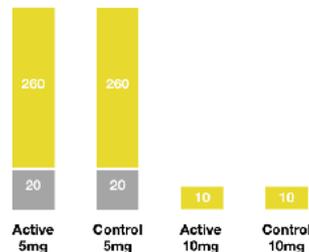


Active 5mg	6,128
Control 5mg	6,128
Active 10mg	4,230
Control 10mg	4,230
Active 20mg	2,454
Control 20mg	2,454

All Inventory at All Depots



FA2510-12 5mg	280
Placebo-12 5mg	280
FA2510-12 10mg	10
Placebo-12 10mg	10
FA2510-12 20mg	0
Placebo-12 20mg	0

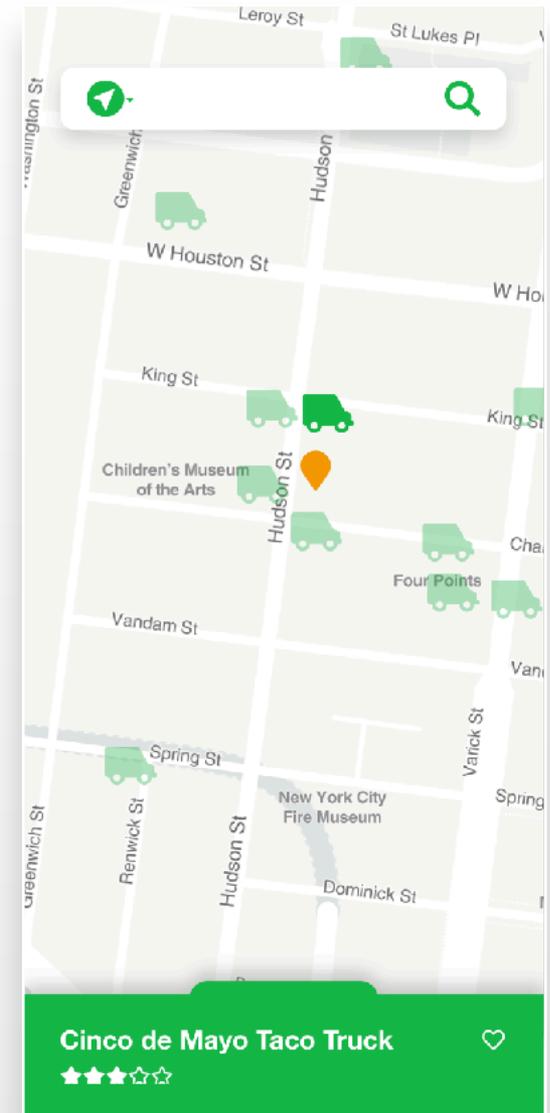


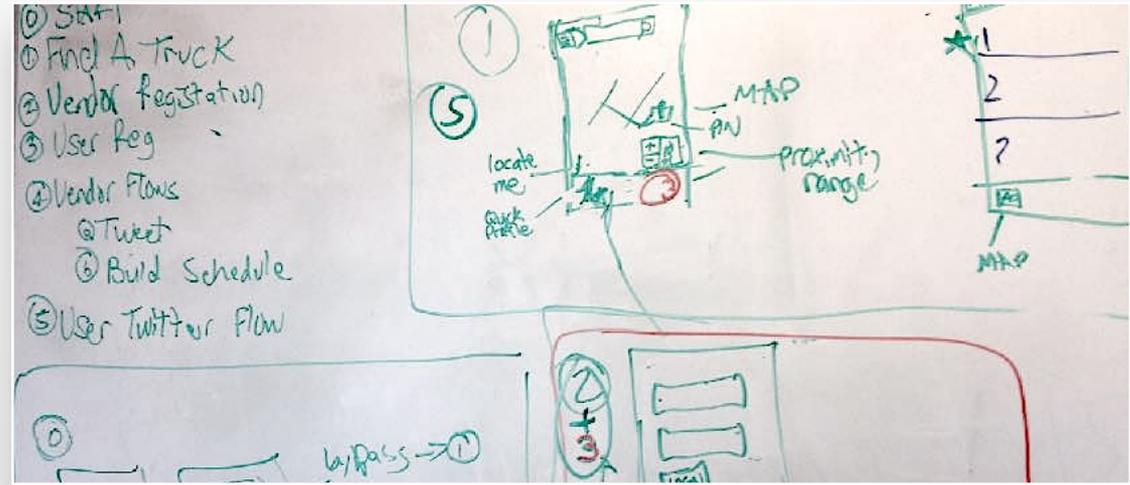
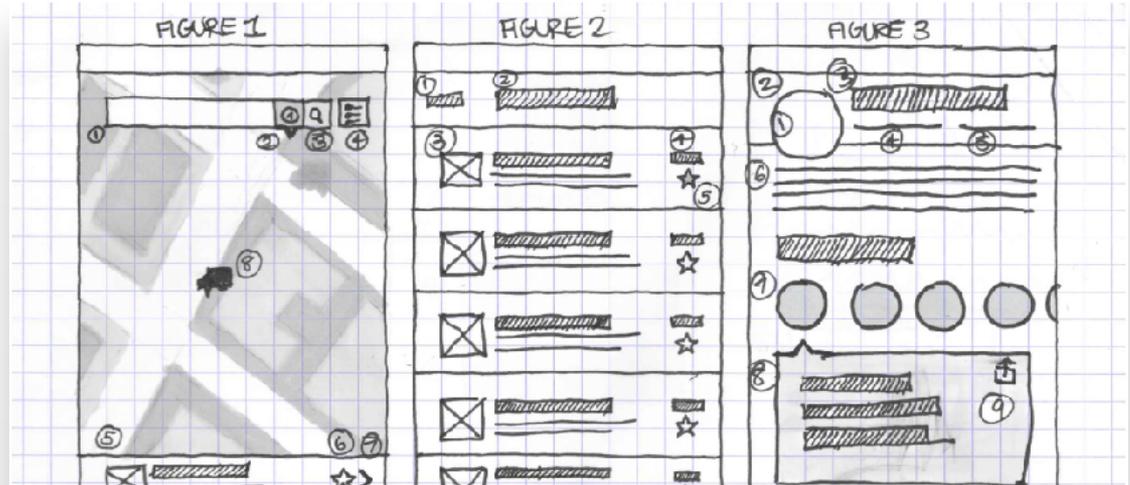
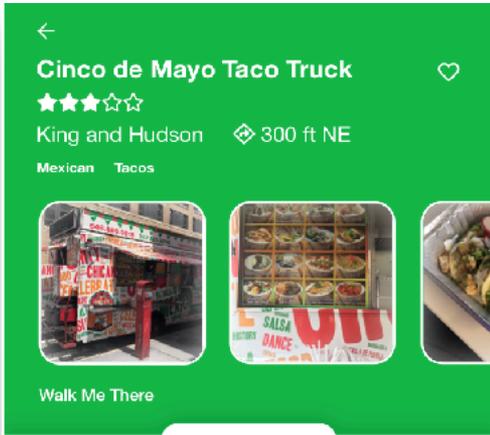
TRUCK'D

FOOD TRUCK MOBILE APP

Some hungry friends and I had a very small problem we wanted to eliminate: How do I know what food trucks are around me, so I know where to eat? We then started a side project to solve it.

After that was solved, other questions arose, like “How do we keep an updated database?” and “How do we get users to adopt the product?” It became a fun lesson on how to create user requirements by shipping the smallest possible answer to each of these problems. It afforded us to solve more questions.



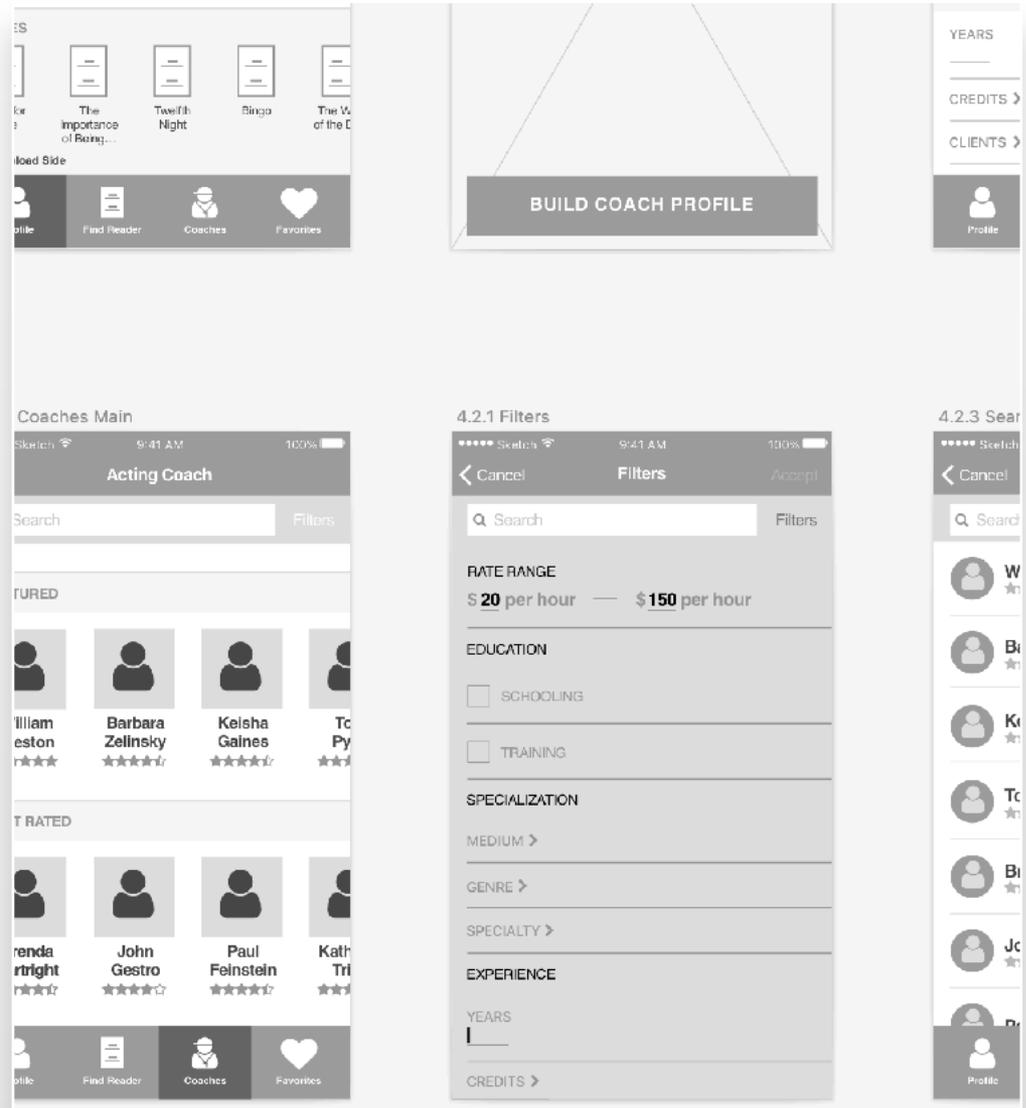


ACTING COACH

VIDEO CHAT SERVICE APP

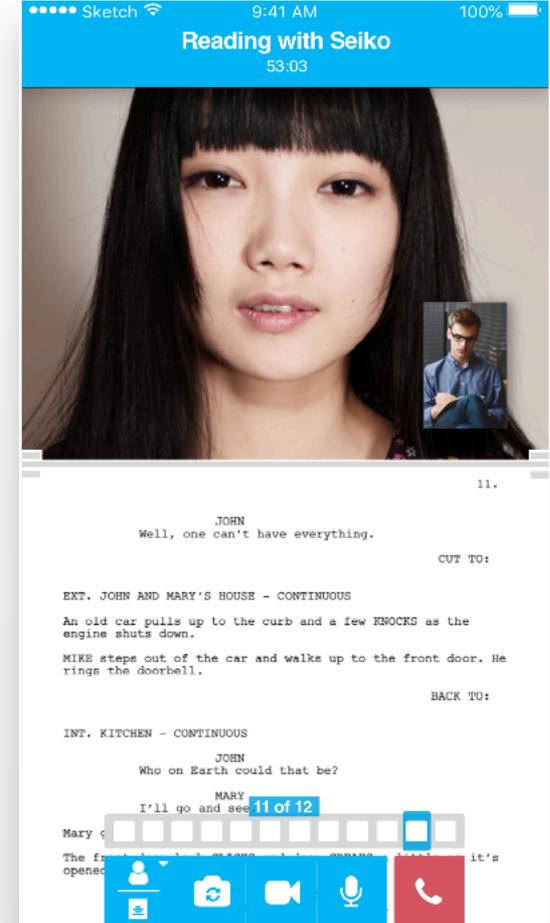
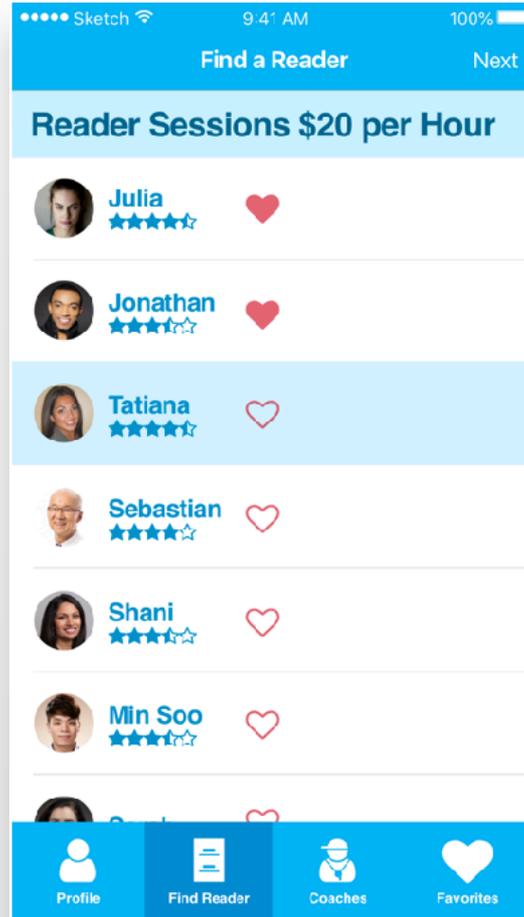
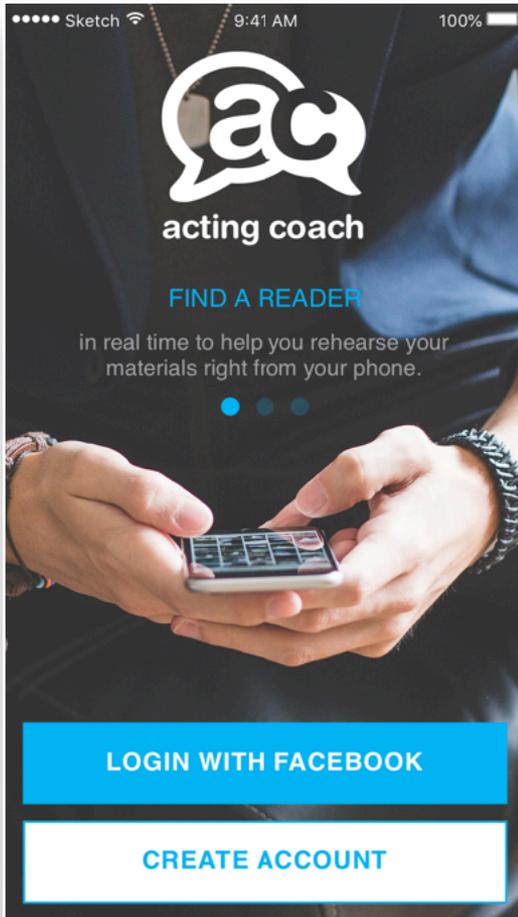
When Acting Coach brought their app to me, they had an almost finished app designed by another designer, but they weren't happy with it. They were very concerned with budget, and wanted to keep as much of the former design they could, for progress sake.

I introduced them to a new process, which started from their own app goals, to revealing user goals through interviews, which revealed a story map that unveiled our true process. They were quickly confident in this way, and didn't want to go back to anything they had before. The users we tested agreed, substantially.



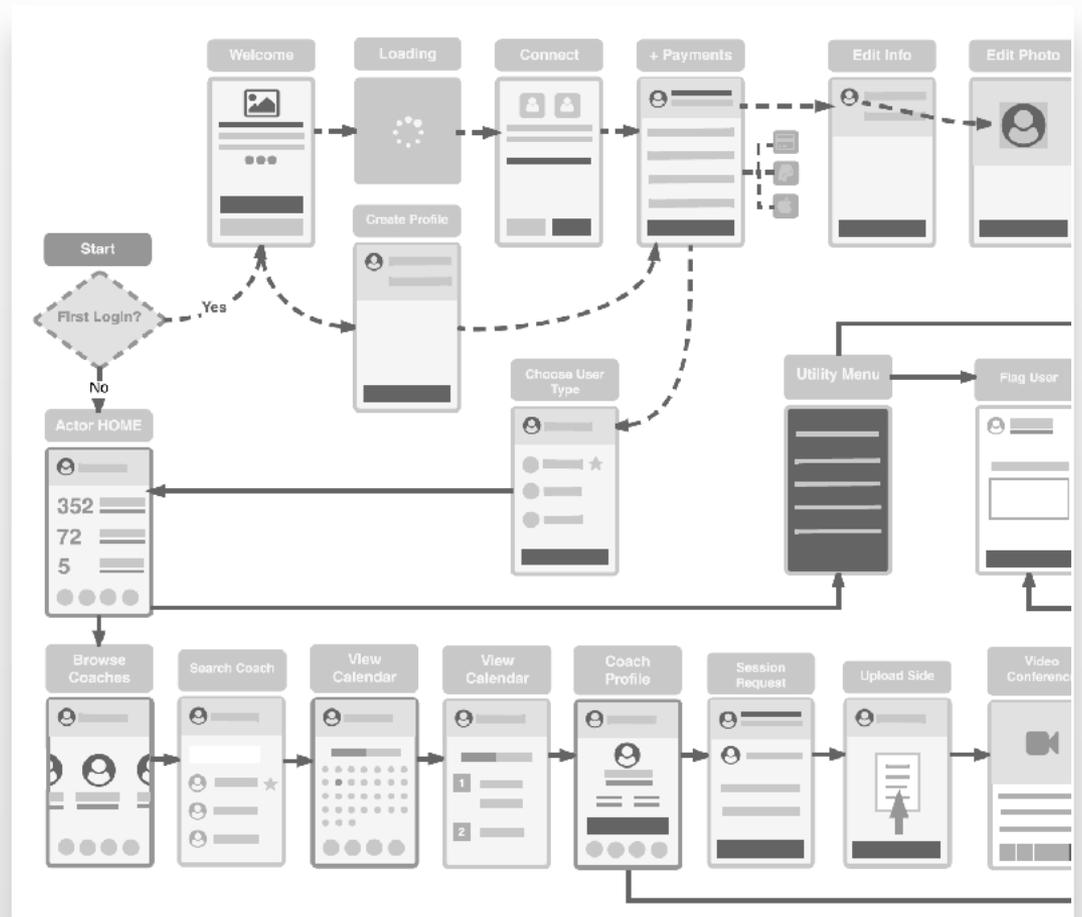
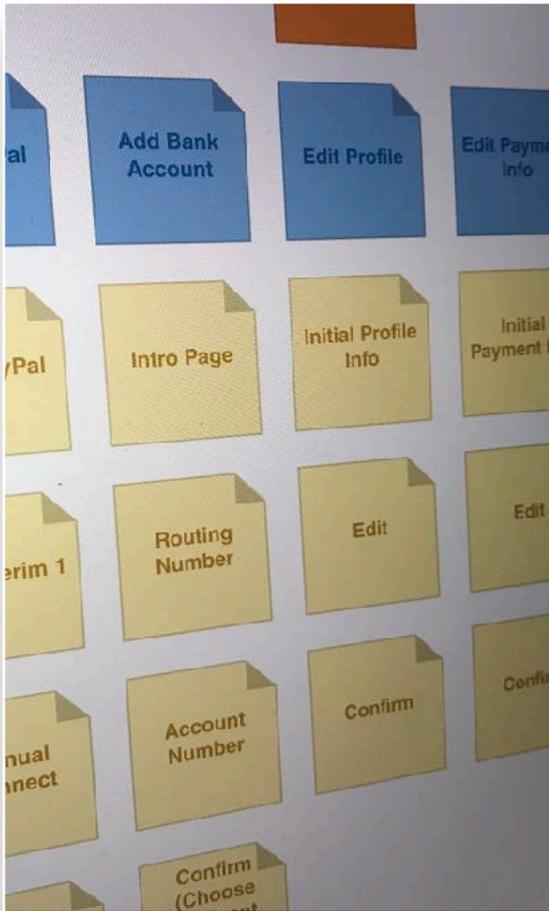
ACTING COACH

VIDEO CHAT SERVICE APP



ACTING COACH

VIDEO CHAT SERVICE APP



MEDIDATA BALANCE REDESIGNING TREATMENTS

I had worked with the Balance app for almost 5 years, but the base of the app had never been quite right. Although brilliantly written by an engineer, it wasn't quite parallel with how customers saw their own products.

We wanted to add something called "cohorts," which would have added a layer under the whole thing.

So we interviewed our customers to see where our gaps were, and by the time we finished, the customer had to take half the steps they previously did to define their treatments, even with the new layer.

The screenshot displays the Medidata Balance app interface for a study named "BalanceUnnumberedDemo : v2.1 AlphaTrial". The top navigation bar includes "Study Home", "Design", "Subjects", "Inventory", "Logistics", "Audits", and "Study Settings". The "Design" section is active, showing "Randomization Design", "Cohorts", "Assign Treatments", and "Simulate". A "Configuration Report" link is also visible.

The main content area is titled "Randomization Design" and includes a "General Design Configuration" section. It states: "A **Dynamic Allocation** study design with a **15% Second Best Randomization Probability** that randomizes supply when **all arms are available**."

The "Treatment Arms" section shows "Treatment Arm 1 : Active" with the name "VCL-HT01" and a "Ratio: 3" and "45" subjects.

The "Arm Details" section includes fields for "Treatment Arm" (VCL-HT01), "Ratio" (3), "Subjects" (45), "Treatment Type" (Active), and a "Description (optional)" field.

The "Article" section shows "Compound Name" as "Fakeazine".

The "Item Labeling" section has three options: "Numbered Blinded", "Unnumbered Blinded", and "Open-Label".

The "Titration Design Type" section has two radio buttons: "Scheduled" (selected) and "Unscheduled". The "Scheduled" option is described as "Assign a default level to each visit." The "Unscheduled" option is described as "Assign a default level to the first visit only."

The "Titration Design Type" section also includes a table for "Level" and "Initial Dose":

Level	Initial Dose
1	50 mg
2	150 mg
3	200 mg

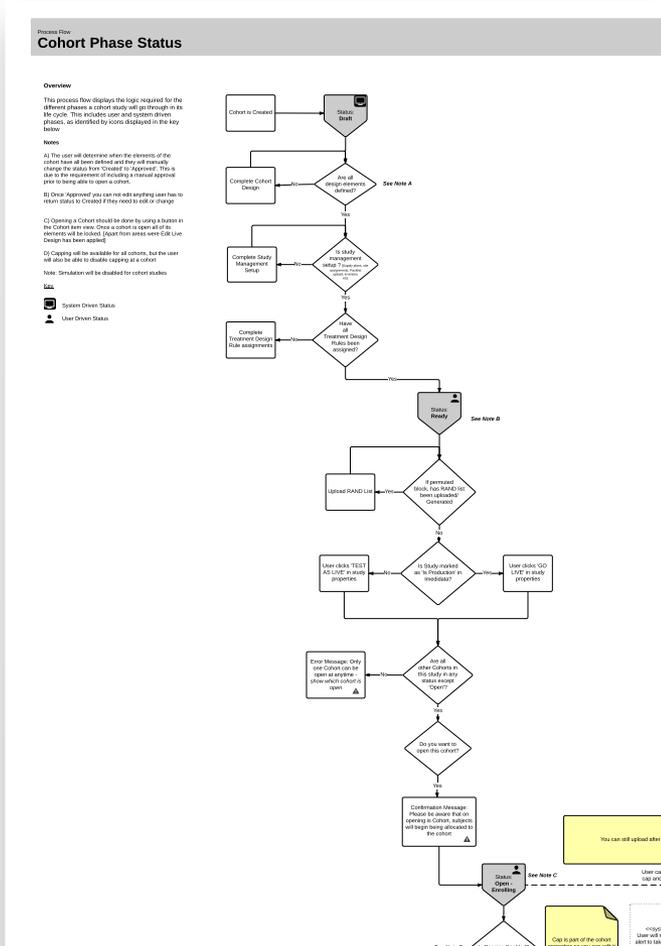
The "Enable Titration Levels" checkbox is checked.

The "Contains Components" section has a checked checkbox and two "Component Name" fields with minus and plus icons.

The "Ships in Containers" section has a checked checkbox, a "100" value, and "per Container" text.

The "Internal Identifier (optional)" field is empty.

MEDIDATA BALANCE REDESIGNING TREATMENTS



Karyopharm Therapeutics · Clinical Oncology
Treatments for Resistant/Refractory Multiple Myeloma DEV

Randomization Design

Treatment Arms

Treatment Arm 1: Active VCL-HT01 50mg, 150mg, 200mg Ratio: 3 45	Treatment Arm 2: Active VCL-HB01 1.0 mL Ratio: 3 45	Treatment Arm 3: Active VCL-HM01 1.0 mL Ratio: 3 45	Treatment Arm 4: Control Placebo 1.0 mL Ratio: 1 15
--	--	--	--

+ Add Treatment Arm

► All Treatment Compositions ► All Articles

Titration Limiting Rules

Randomization Factors **Strata**

Weight	Factor	Values
--------	--------	--------

Randomization Design | Cohorts | Assign treatments | Simulate | Configuration | Open

Cohorts (4)

Lorem ipsum odor sit amet, consectetur adipiscing elit. Nullam vestibulum, nisi non sodales.

Total Subjects (184)

Cohort A - Safety Cohort (7)

A1 Treatment Arm 1: Active : VCL+HT01 5	A2 Treatment Arm 4: Placebo 2
---	---

+ Add a New Cohort

Cohort B - Safety Cohort (7)

B1 Treatment Arm 1: Active : VCL+HT01	B2 Treatment Arm 4: Placebo
--	--

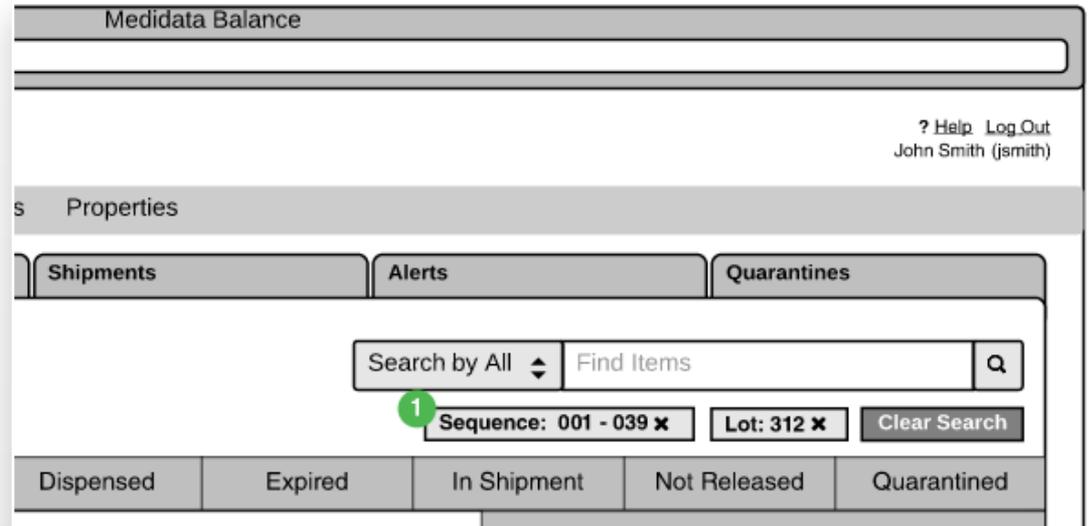
MEDIDATA BALANCE

MULTIPLE SEARCHING W/ TAGS

As the bulk of Balance's purpose is inventory, it requires its users to sift through a lot of different kind of data. This makes the ease of filters and searching crucial.

In this method, we allow the user to input a search, and drop a tag below to show how the table is being filtered, and allowing them to create new searches.

This allowed us to eliminate repetitive select menu filters and free Balance of space, while still giving the user precise control of filtering.



MEDIDATA BALANCE

MULTIPLE SEARCHING W/ TAGS

Search Flow

Category Select Menu

Search Box Types



Balance
Inventory Views
Filtering Usage

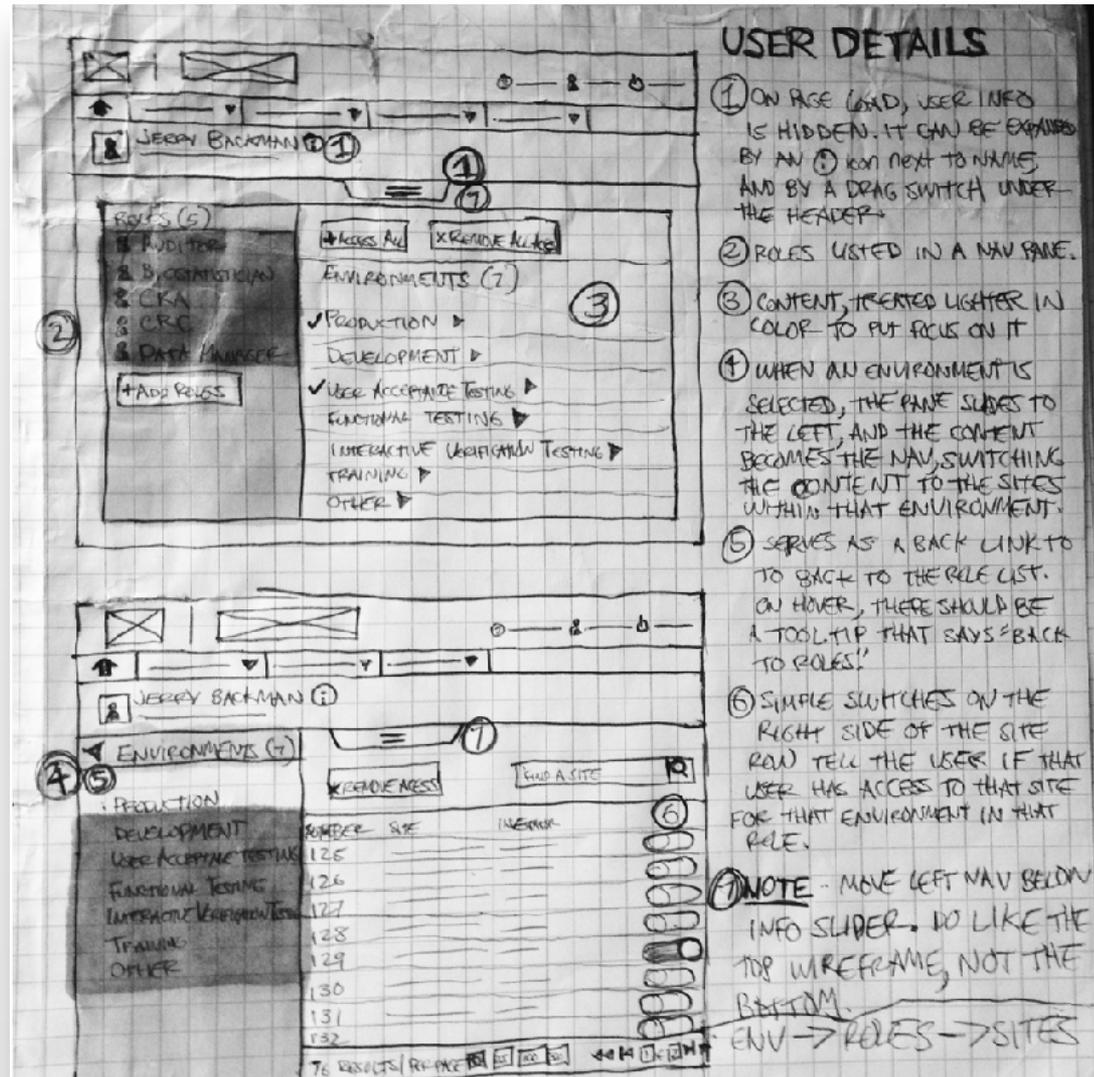
ANNOTATIONS

- 1 Default State
- 2 User enters filter criterion
- 3 User clicks search button or presses enter; field clears and a filter tag box shows below with what the user entered and a close button. Next to the filter tag box is a clear search button.
- 4 User enters additional filter criterion
- 5 User clicks search button or presses enter; field clears and a second filter tag box shows next to Clear Search button.
- 6 Drop menu for search box showing all search categories.
Dev note: For the first release, there will be no "Search By All." The default for the search box will be "Search By Item Number." Search By All will be added at a later time.
- 7 Default regular search includes All, Item Number, Shipment, Shipment Origin and Shipment Destination
- 8 Sequence Range Search
- 9 Expiry Date Search
- 10 Search with immediate drop menu to display choices. Typing in the box filters out the choices upon typing. This type includes Status, Lot and Article Type.

MEDIDATA MCC ADMIN

USER DETAILS

As a part of combining their products into one platform, Medidata redesigned their user administration process with a new product, MCC Admin. I designed the product from the ground up having familiarity with past failures working on their previous tool.



MEDIDATA MCC ADMIN

USER DETAILS

Medidata Clinical Cloud

http://www.mediflex.medidata.com

Help | hjones@mediflex.com | Log Out

Adrakil | Manage Study | Manage Users

Jerry G Backman Primary Investigator
 Last logged in 23 Apr 2013 15:24:21
 + Access to All | x Remove All Access

jerrybackman (212) 616-9044 Bankman Hospital 103 State St.
 jbackman@site.com (347) 449-9812 mobile Chief of Medicine Suite 1407
 GMT-5 Eastern Time (212) 616-9045 fax Research and Studies Attn: Karen Lewis
 English language (347) 392-2287 pager New York, NY 10003
 United States

Environments

- Production
- Development
- User Acceptance Training
- Functional Testing
- Interactive Verification Testing
- Training
- Other

Roles (6) + Add Role Show Only Enabled Roles

Auditor (External or Regulatory) ▶	x	✓
Auditor (Internal) ▶	x	✓
Biostatistician ▶	x	✓
Clinical Research Associate ▶	x	✓
Clinical Research Coordinator ▶	x	✓
Data Analyst ▶	x	✓
Data Manager ▶	x	✓

Assign Sites 1



MCC Admin
User Details

ANNOTATIONS

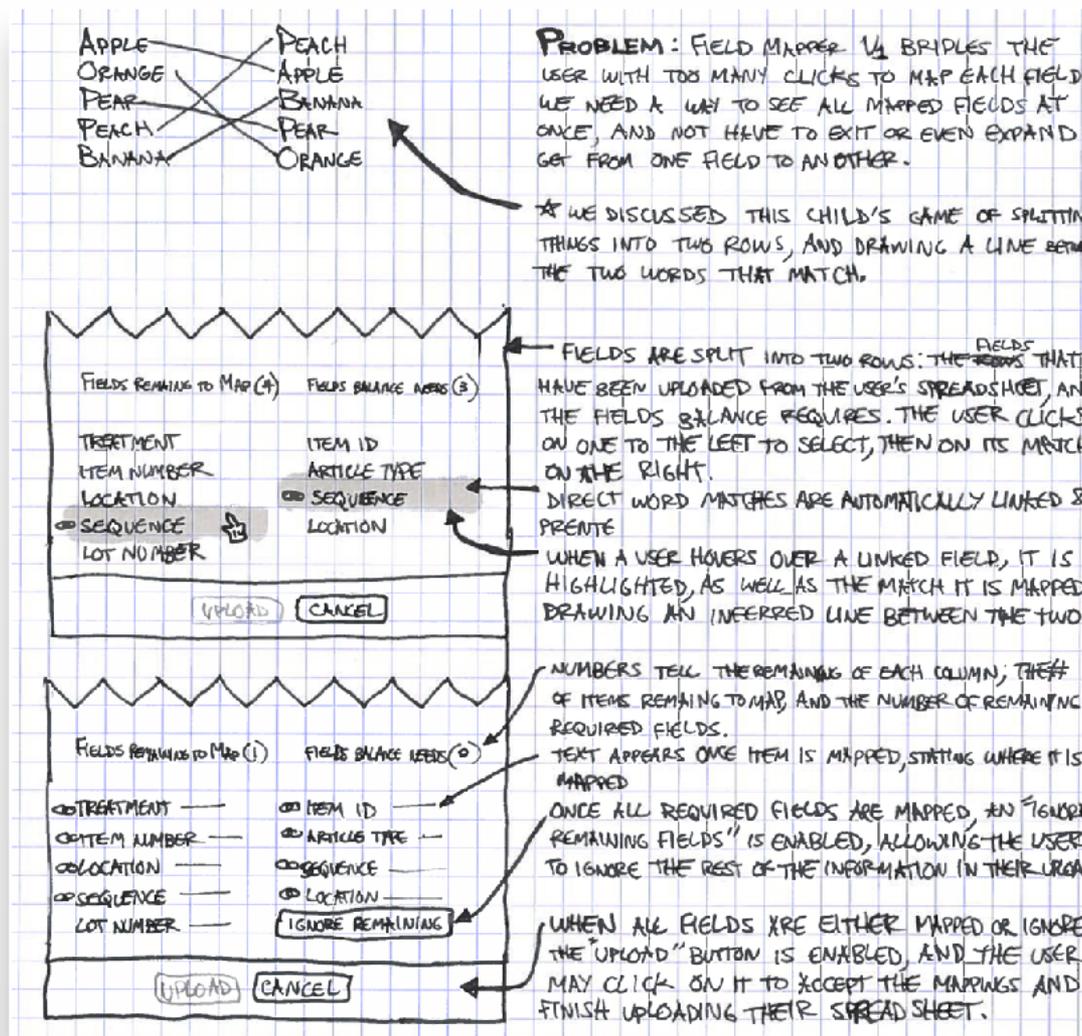
- 1 This checkbox removes disabled Sites from the list. On Sites, it is disabled by default. On the Role list (previous page), it is enabled by default.
- 3 Assign Sites pane, for Release 1. This is due to the first release using iMedidata's capabilities, and the fact that iMedidata cannot assign sites per role.

MEDIDATA BALANCE

FIELD MAPPER CONCEPT

This concept of a field values mapper stemmed from the childrens' activity game of matching two groups of items by drawing a line.

In this mapper, a user clicks in one group, and then clicks its match in the next column. When a user hovers over a mapped value, it is highlighted, and so is its match in the next column, drawing an inferred line between the two columns.



MEDIDATA BALANCE

FIELD MAPPER WIREFRAMES



Internal Wireframe

Field Mapper - v2.0 - State 6 / 22-FEB-2011

Ian Harrington



BALANCE LOGO

IMEDIDATA LINK

Help Logout

Balance User (balanceuser)

Study List Design Sites and Subjects Inventory Logistics Properties

Map Uploaded Variables (7)

Field Names 5

Field Names Remaining to Map (5 of 7)

Field Names Balance Needs (1 of 3)

Article Types

Item Number mapped to Item ID

2

1

Treatment

Article Type

Item ID

Sequence mapped to Sequence

Sequence

Location

Labeling Run

Decoded Treatment

Lot Number

Accept Mapping and Finish Upload

Cancel

MEDIDATA LOGO

Balance Privacy Policy Terms of Use
Balance 2011.1.4 0234-432
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Annotations

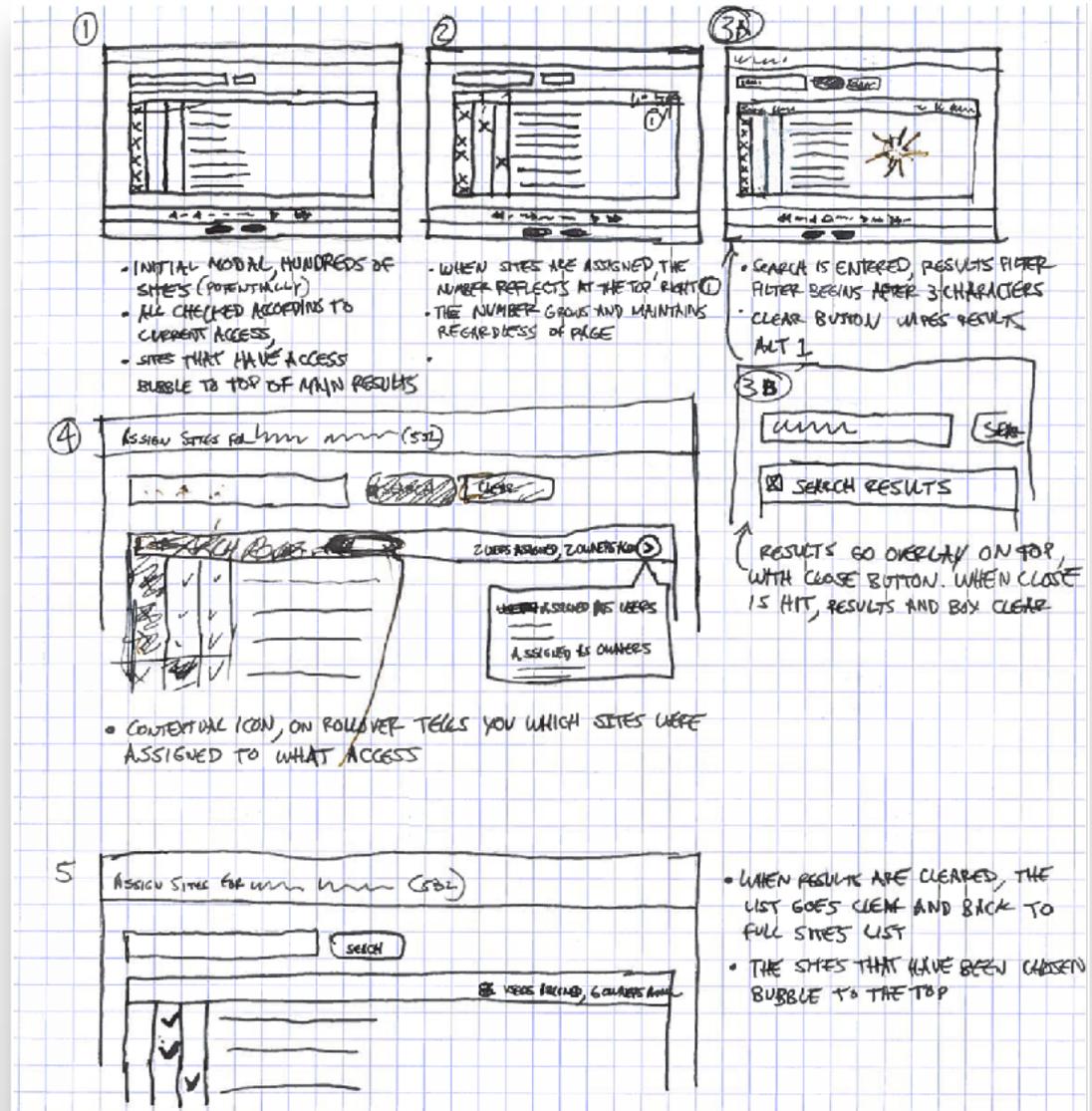
1 When a user rolls over a link, the variable and its respective match are highlighted at the same time, to give the user a visual clue of which link it is matched to.

2 The link icon switches to a broken link icon. When clicked on, the link between the two is broken, freeing up both for other matches.

If a variable is selected and a user subsequently rolls over a linked variable, the broken link icon is still presented, but when clicked, instead of breaking the link, it breaks it AND replaces a link between it and the selected variable.

MEDIDATA IMEDIDATA ASSIGN SITES CONCEPTS

This is the flow concept for Medidata's Access Admin tool, iMedidata to assign Clinical Research Sites to a user. The trick was detecting what types of users needed which kinds of access, but still allowing some users owner access to change certain types of information.



MEDIDATA IMEDIDATA CATEGORIZED AUTO-COMPLETE SEARCH EXPLORATION

These concepts were prepared for Medidata's portal application, iMedidata. They explore different ways of providing users auto-complete access to aggregate tagged views of a user's assigned studies.

