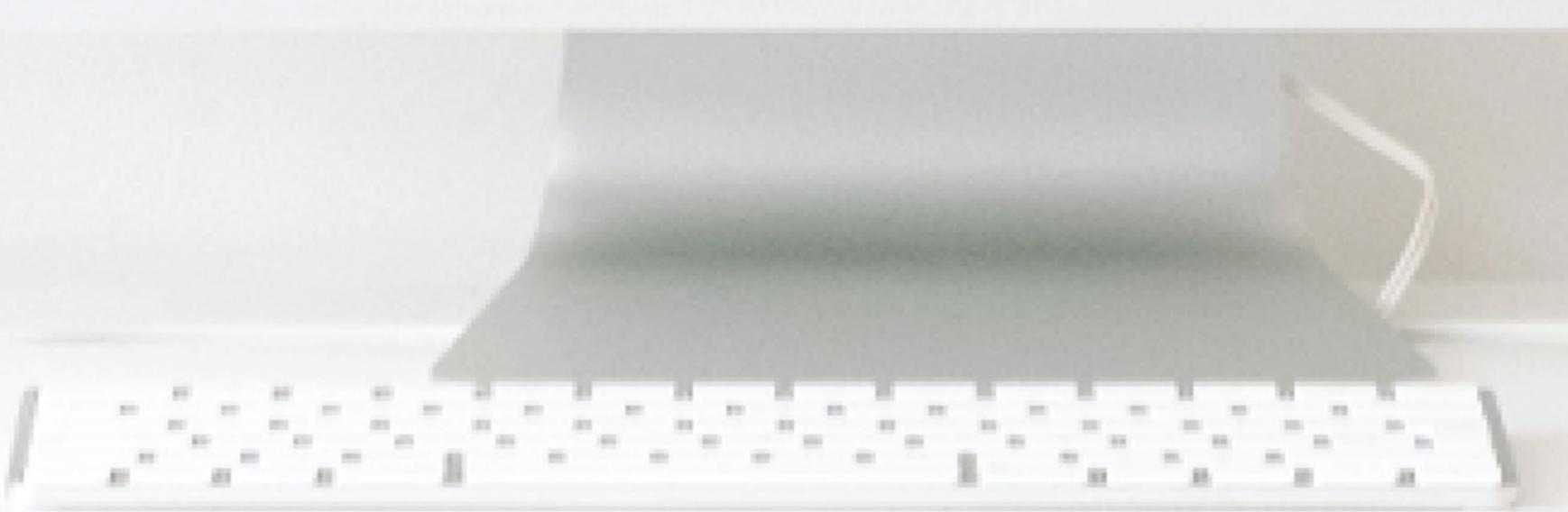
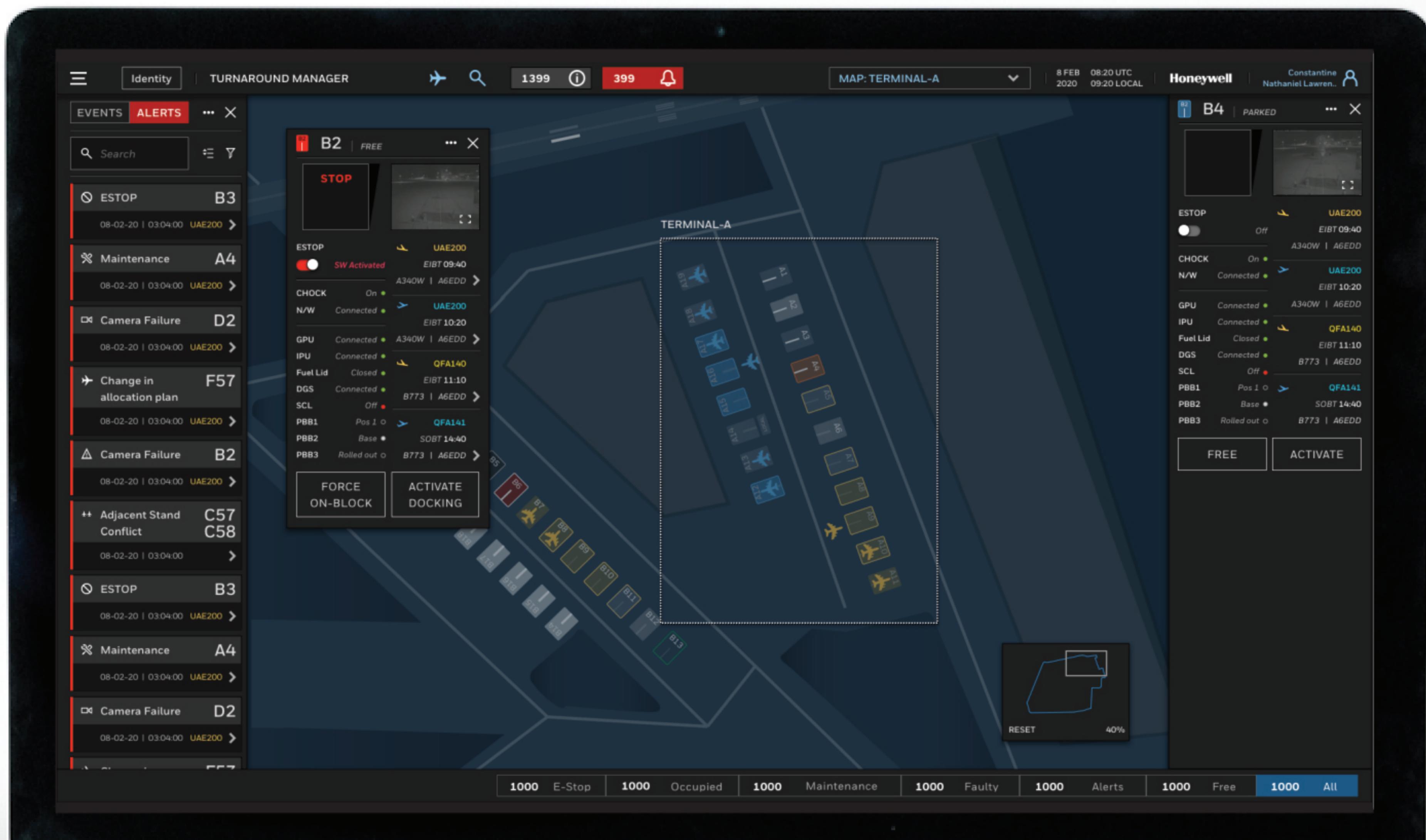




Anantha Chickanayakanahalli
rewritablehere.github.io/folio/

interaction design visual design
user experience research usability testing



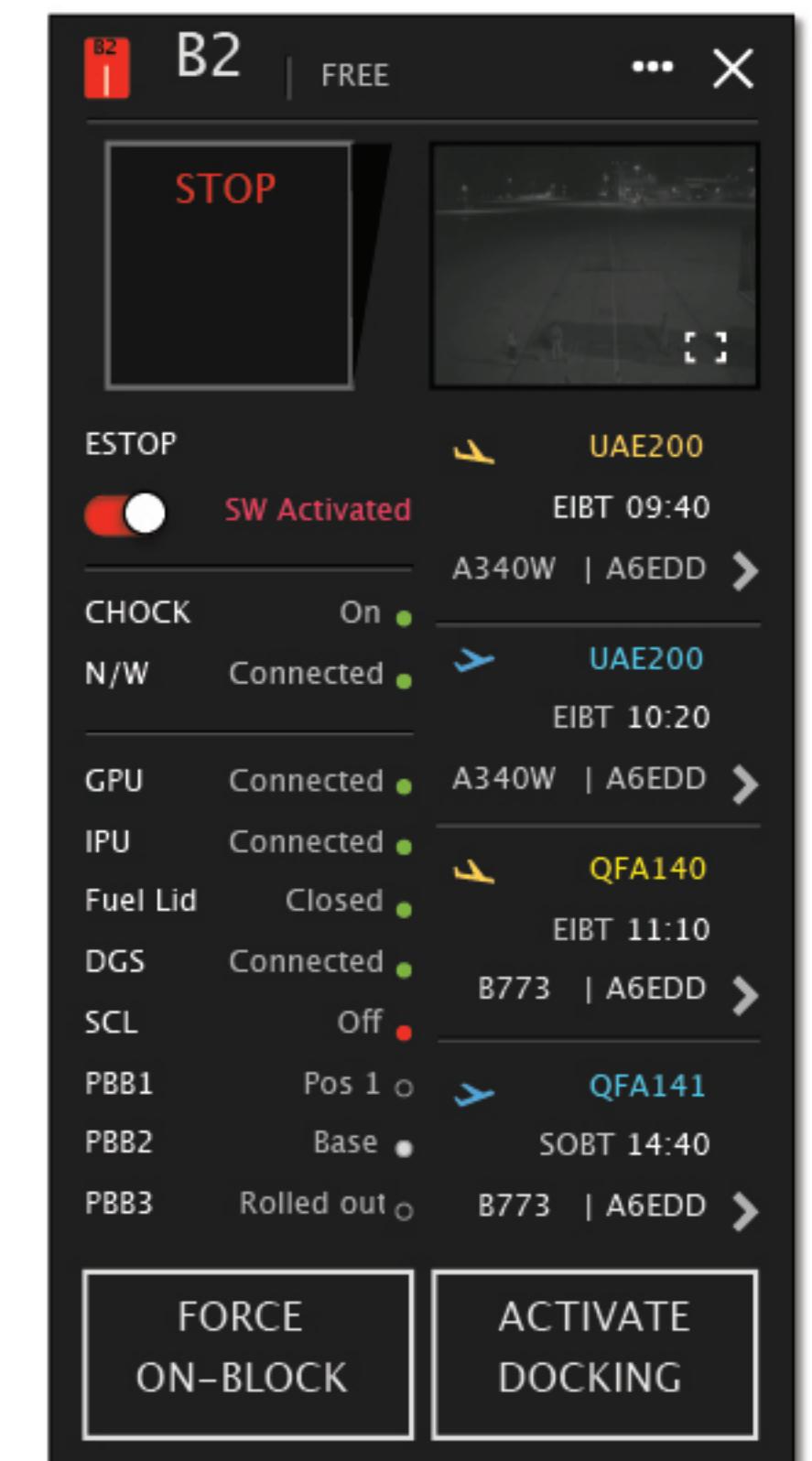
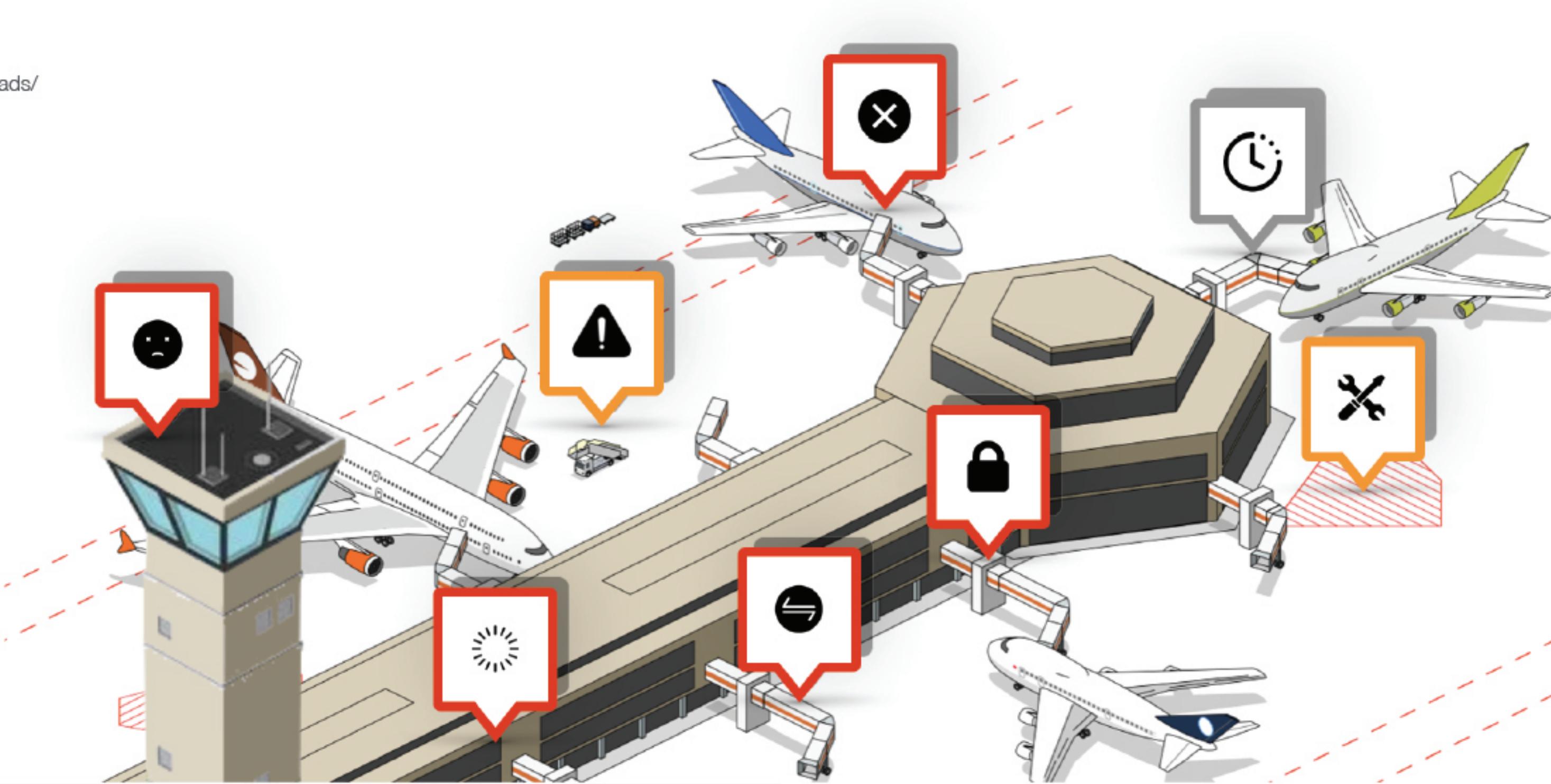
Gates Operating System

for Airports

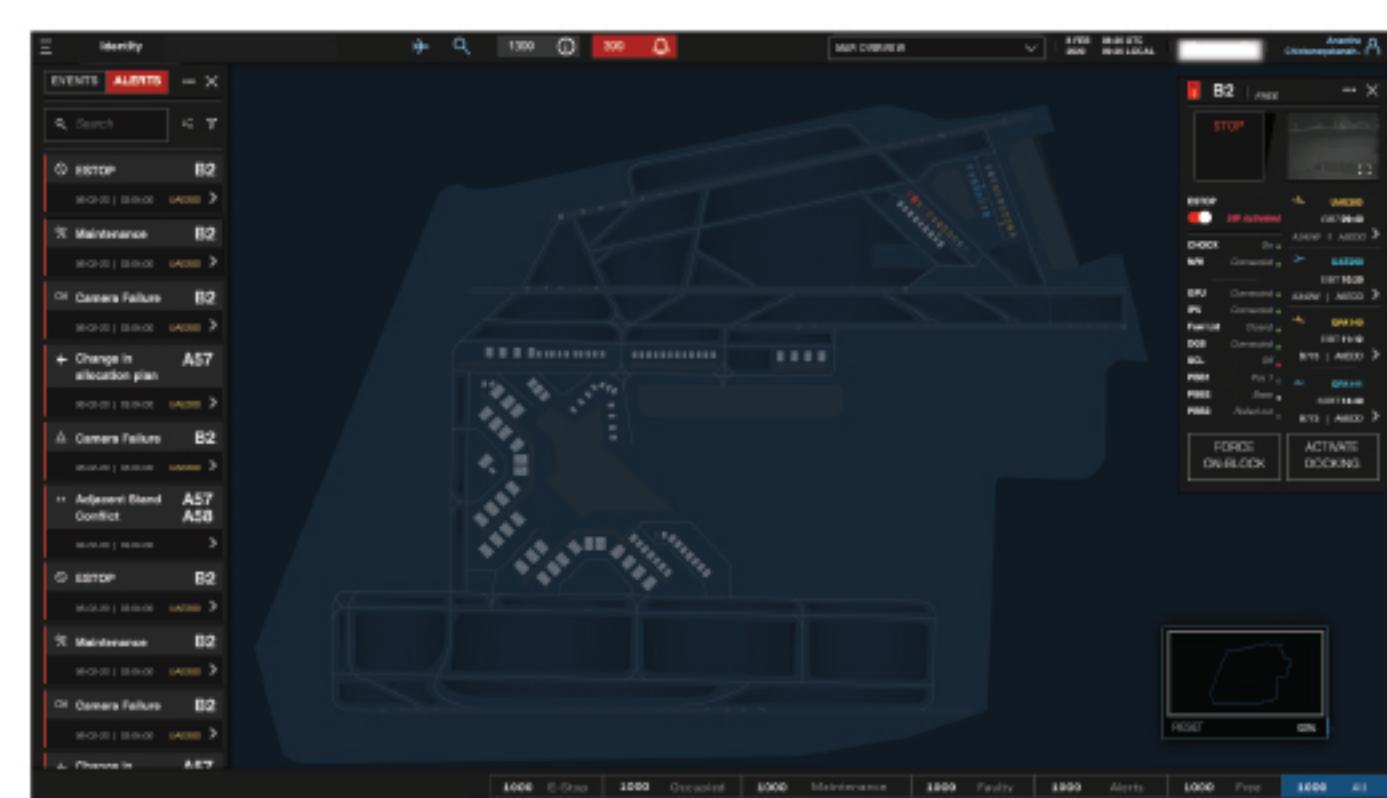
A tool for Apron Controllers to view alerts at stands, get notified, mitigate and tactically solve problems enabling smooth turnaround of flights at airports.

Details

<https://buildings.honeywell.com/content/dam/hbtbt/en/documents/downloads/honeywell-navitas-gate-turnaround-interactive-ebrochure.pdf>



Prototype



My Role & people involved in project

I worked on this project as user experience consultant for the Honeywell Airports Business R&D, Bengaluru, India. I was part of a small team alongside Andrea Antonini. I was responsible for the research, interaction design, visual design, high fidelity prototyping and testing. Andrea has been guiding me on the overall vision of the project and help align to our products in Airports.

Tools Used



Design Challenge



The design challenge is making sure a controller can look at multiple gates and get into nittigrities of each gate, see which flights are upcoming for it, whilst being able to multitask with assigning actions to ground safety equipment staff, pilots, bridge controllers without being overwhelmed.

Everything out here is mission critical a tad bit lesser than the Air Traffic Controllers themselves.

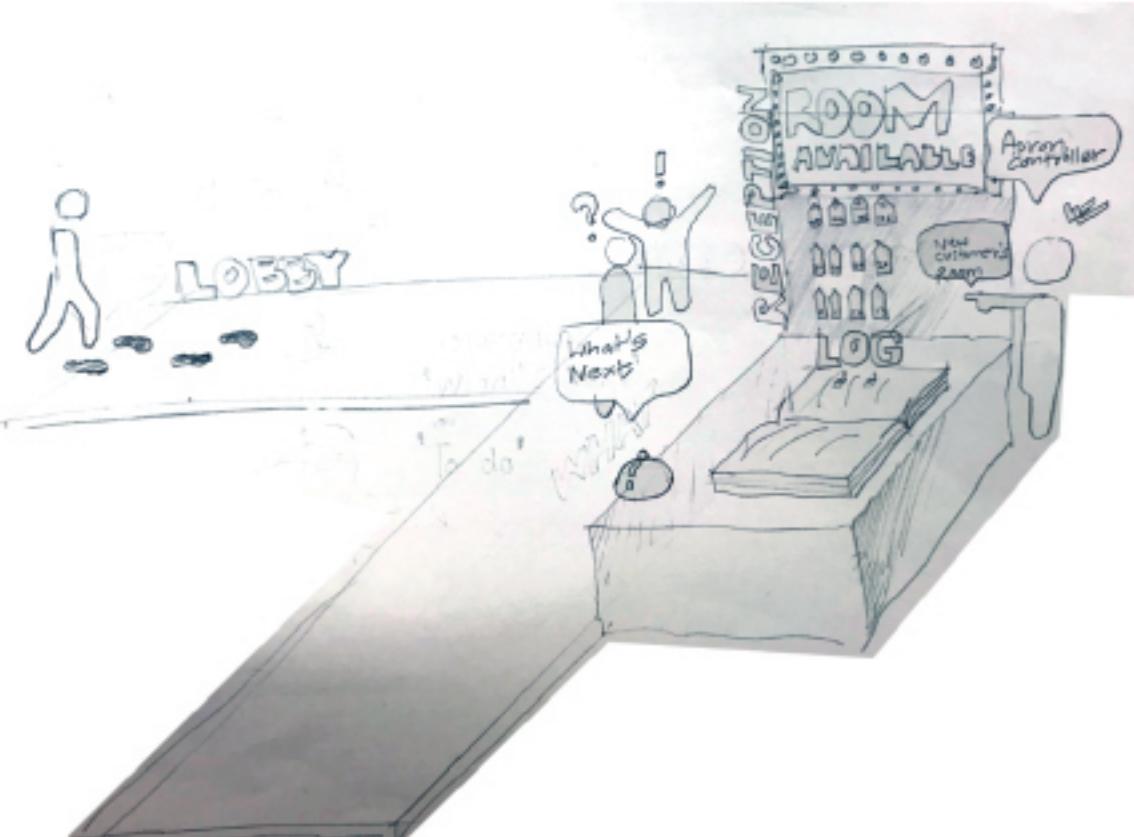
Core Function



Gates Operating System is packed with situational awareness that provides status of gate equipment and live video from gate's surveillance cameras.

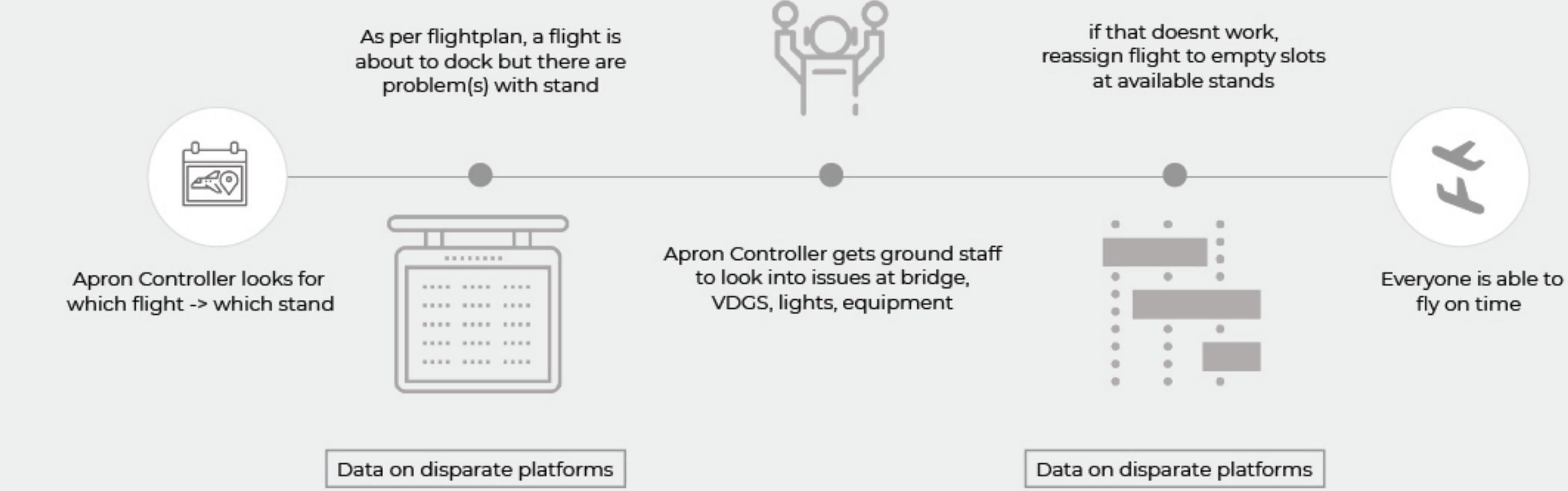


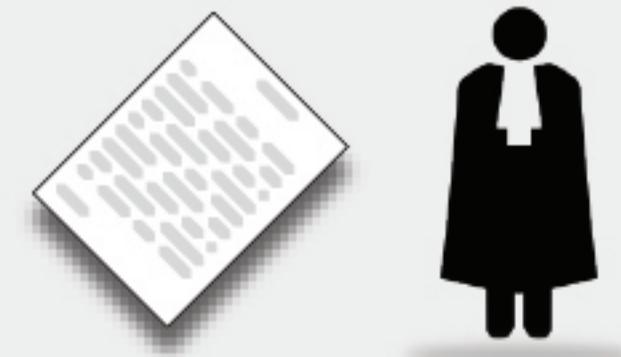
Concept Sketch | Metaphor



- Someone's already in lobby (Awareness of threshold of keeping people waiting)
- Customer has done with waiting
- Allot new room
- What's next task
- List of available rooms matching the requirement
- First best option
- Next best option
- Customer is not checking out on time (overflowing)
- Re-allocate to different room, replace another guest

Journey Map





Contract Mgmt System for a legal firm

A tool where you can draft your contracts objectively and fill in as little information as possible and let the system fetch, pre-fill and automate your documentation work leaving you to think about the language necessary to keep you off liability and risk as much as possible.



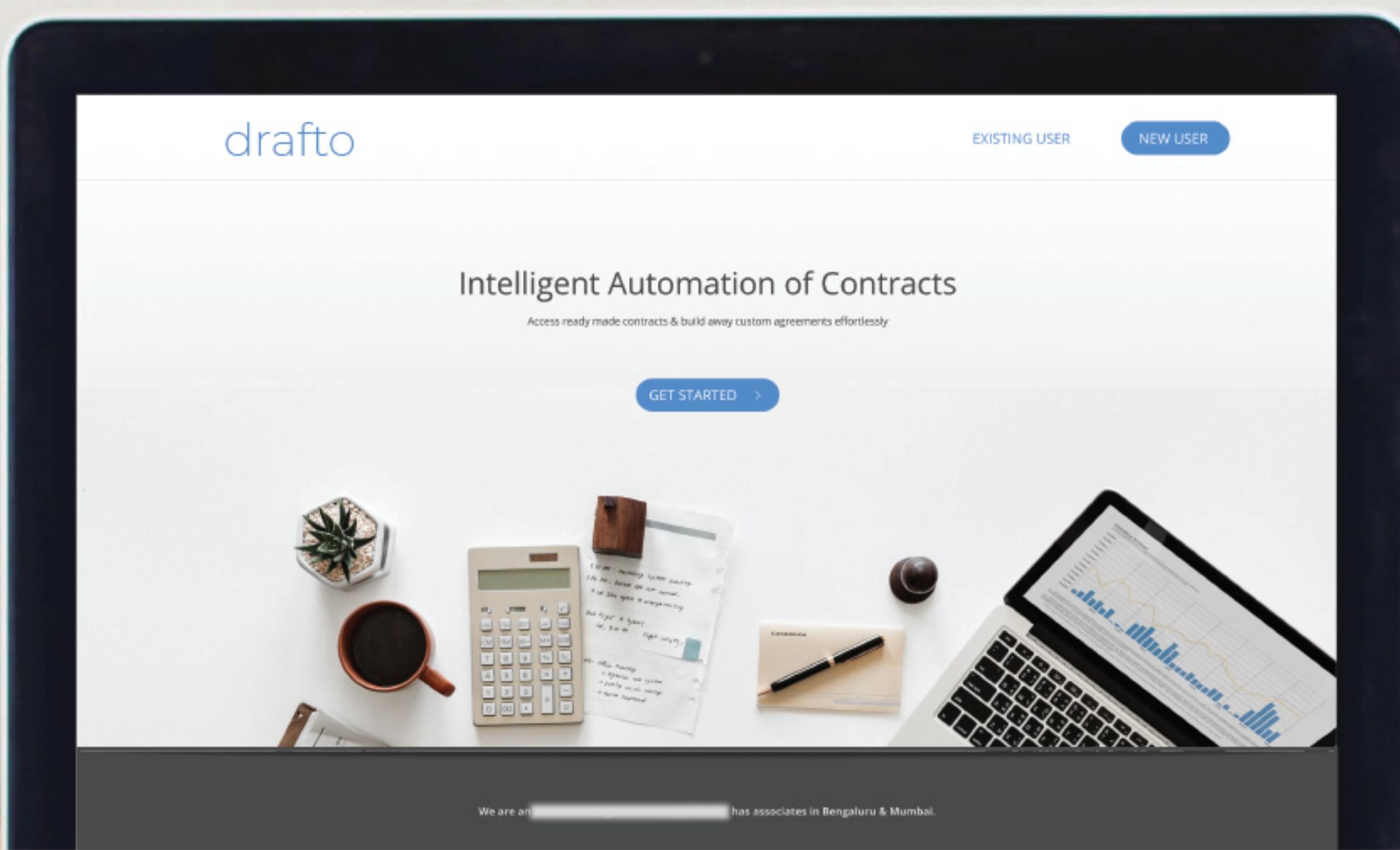
Clickable Prototype

invis.io/E510NI7R7JY4

Tools Used

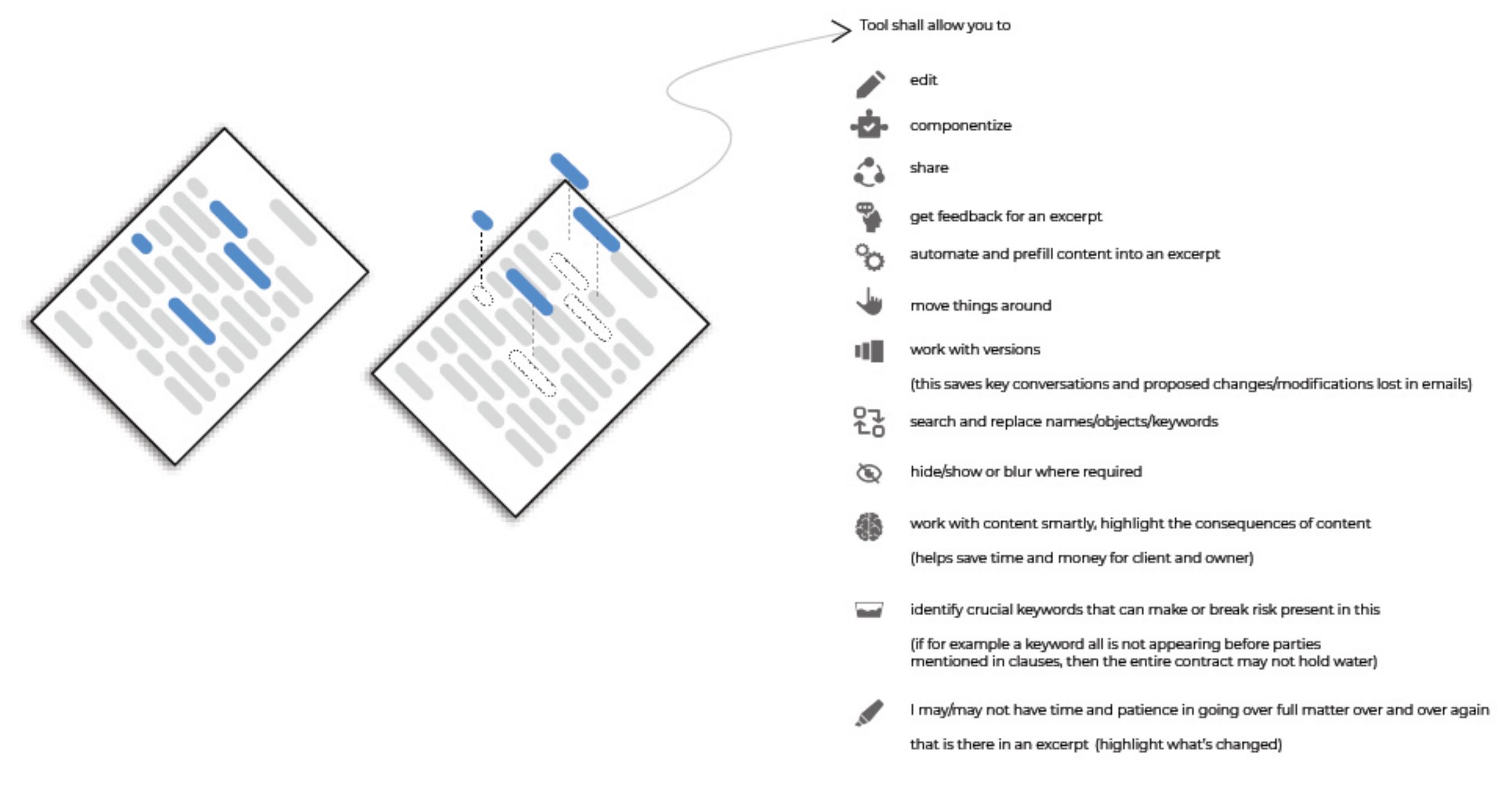


(password: iac)



Distinguishing features

The tool enables you to create and format documents giving closest representation of a situation or reality that can be agreed upon by more than one person. At the core, it is a word processor that helps you string words together in an effective way.





Assortment Planning Tool

for CPG industry

A cloud platform which will take all the inputs from sales hierarchy & speaks back to them seamlessly, helping book perfect orders at every store!

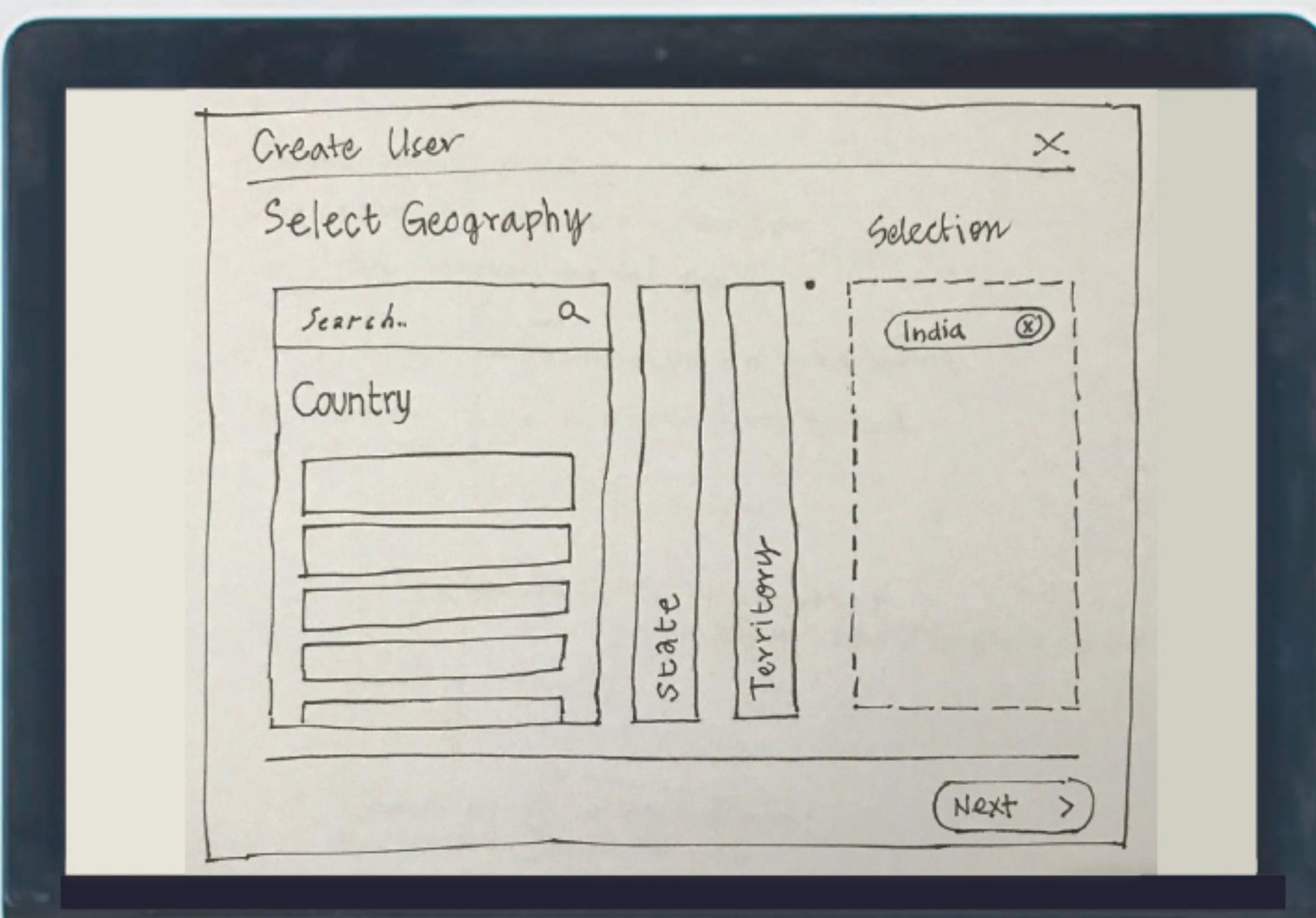
Tools Used

Assortment	Cross Sell (in units)	Must Sell (in units)	Target (in '000)
Processed Foods	223	600	
Beverages	223	600	
Dry Foods	223	223	
Total (MS + CS) in '000	300	600	
Prepared Meals	223	600	
Cosmetics	223	600	
Toiletries	223	600	
Over-the-counter Medications	223	600	
Candy	223	600	

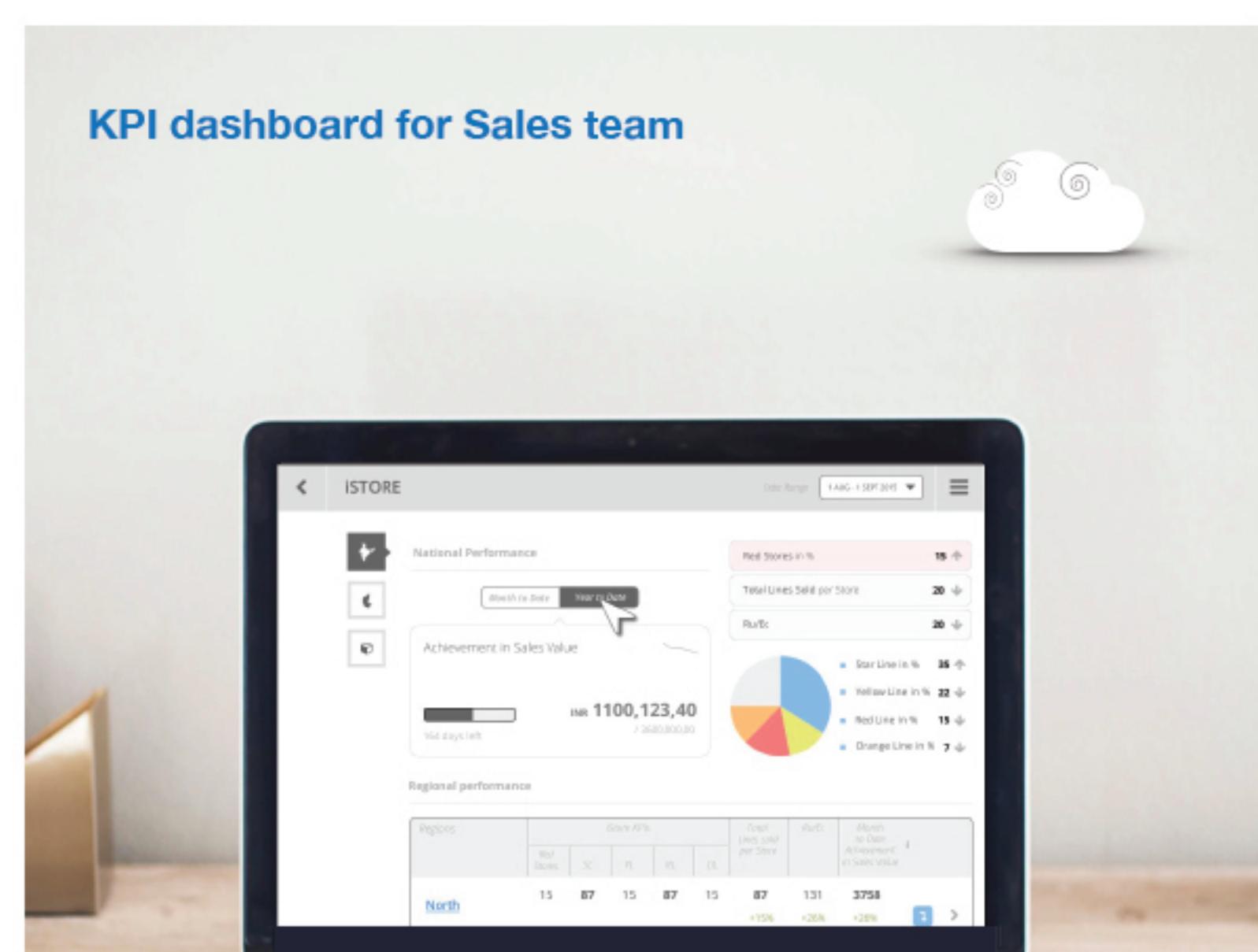
Design Challenges

While configuring data access to a sales user, we have multiple set of data like countries, regions, cities, etc. that run into long lists but we don't need all of them open at the same time. Based on the selection from the first, gives us a filtered list of the second and so on.

Using a vertical accordion worked like magic here for a Assortment Planning tool. Breaking the pattern of accordions being only vertical or horizontal and crafting something that marries the two!



KPI dashboard for Sales team



Demand Planner Touchpoint | Tablet



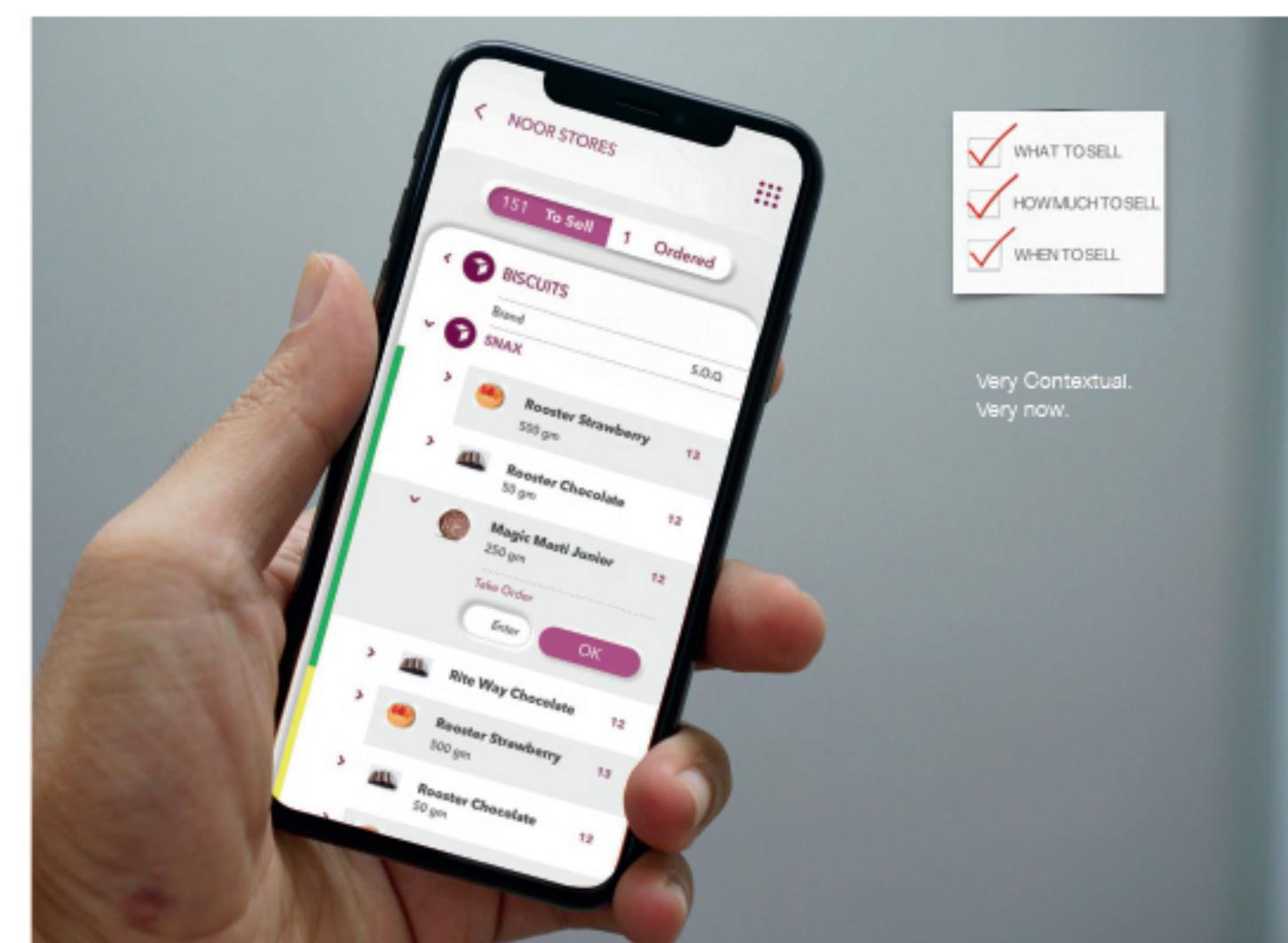
Mr.Johnson can choose to filter the entire assortment for a particular geography, product category all the way to the SKU and tweak the quantity of stock needed to be released for the next operating cycle accurately..

Only the item to be tweaked, can be done so inline, allowing the UI to be cleaner than an excel sheet without really having all those borders and still communicate its need and order.

Sales Personnel Touchpoint | Mobile



They go around their beat for the day visiting shops to book orders. We made an app that would predict out of order, capture it on fly and look and also feel like a notebook - additionally using the perks of technology like colour coding, real-time figure updates, etc.



- WHAT TO SELL
- HOW MUCH TO SELL
- WHEN TO SELL

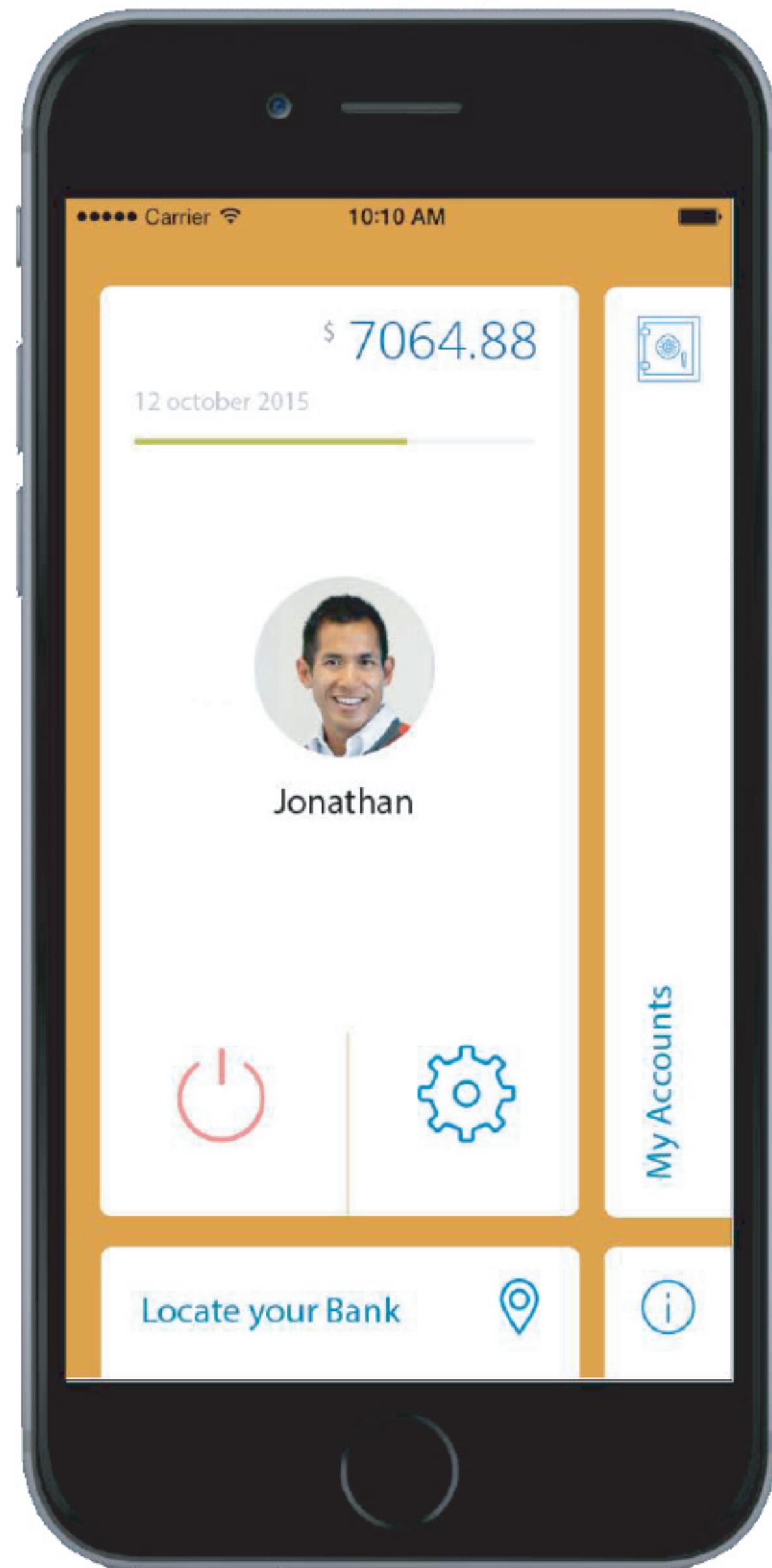


Personal Banking Tool

for consumer

A pre-sales pitch for a potential banking partner who were in consulting portfolio of my employer

Tools Used Fw Ps

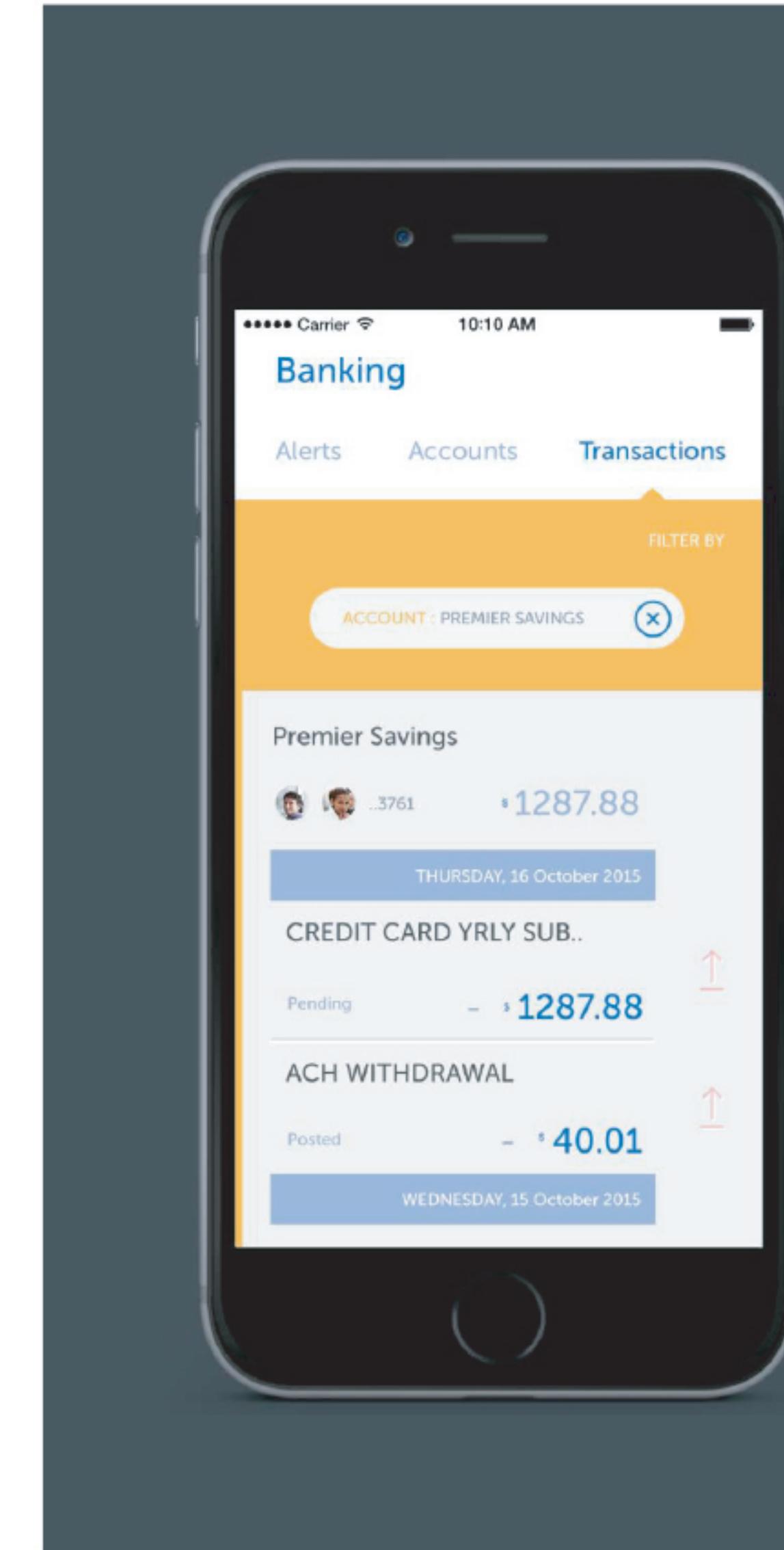


Bank slips/cards

Since a lot of artefacts we find at the bank are paper slips and cards, carrying the affordance in the digital platform made obvious sense for me for a design proposal.

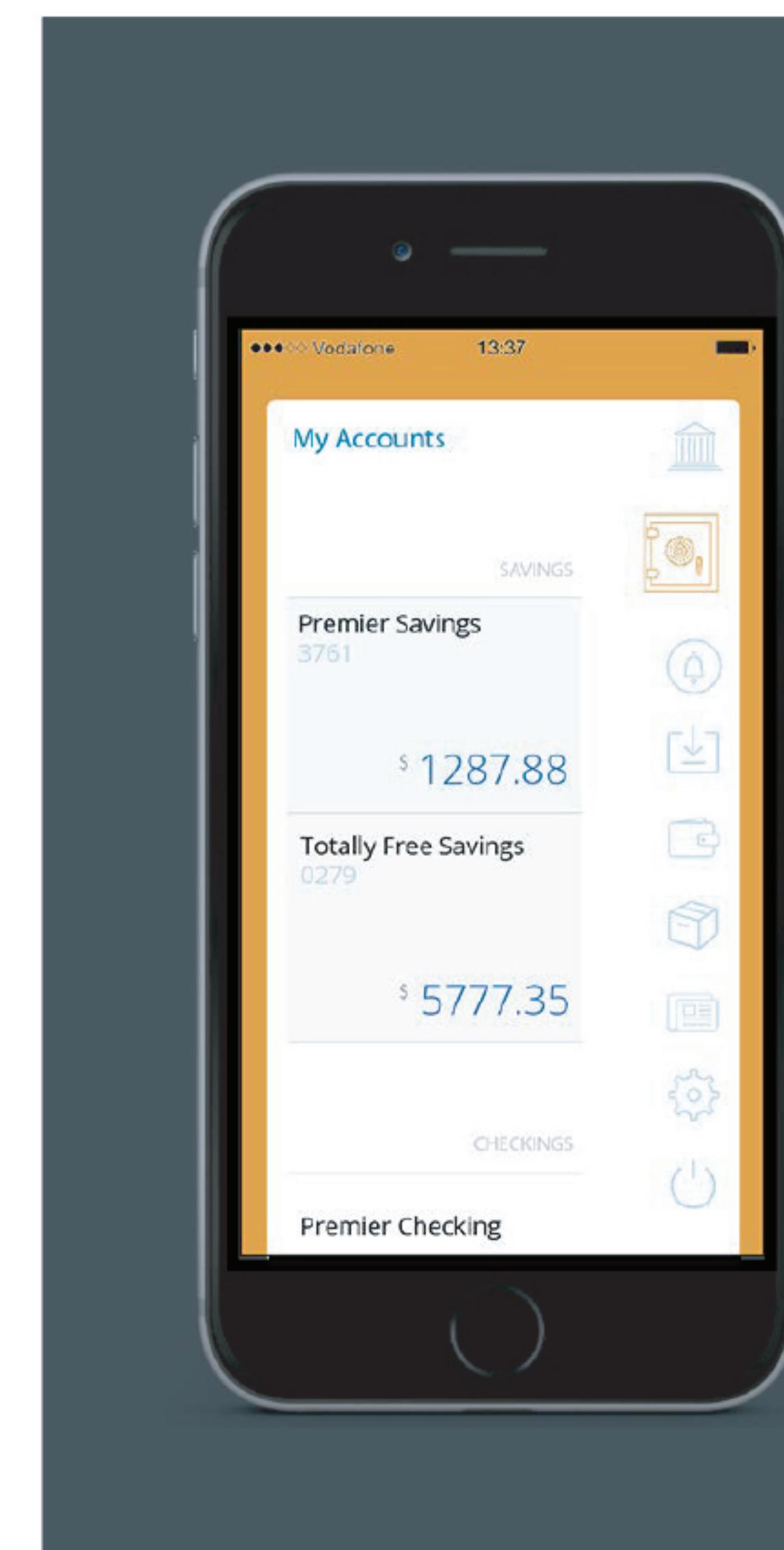
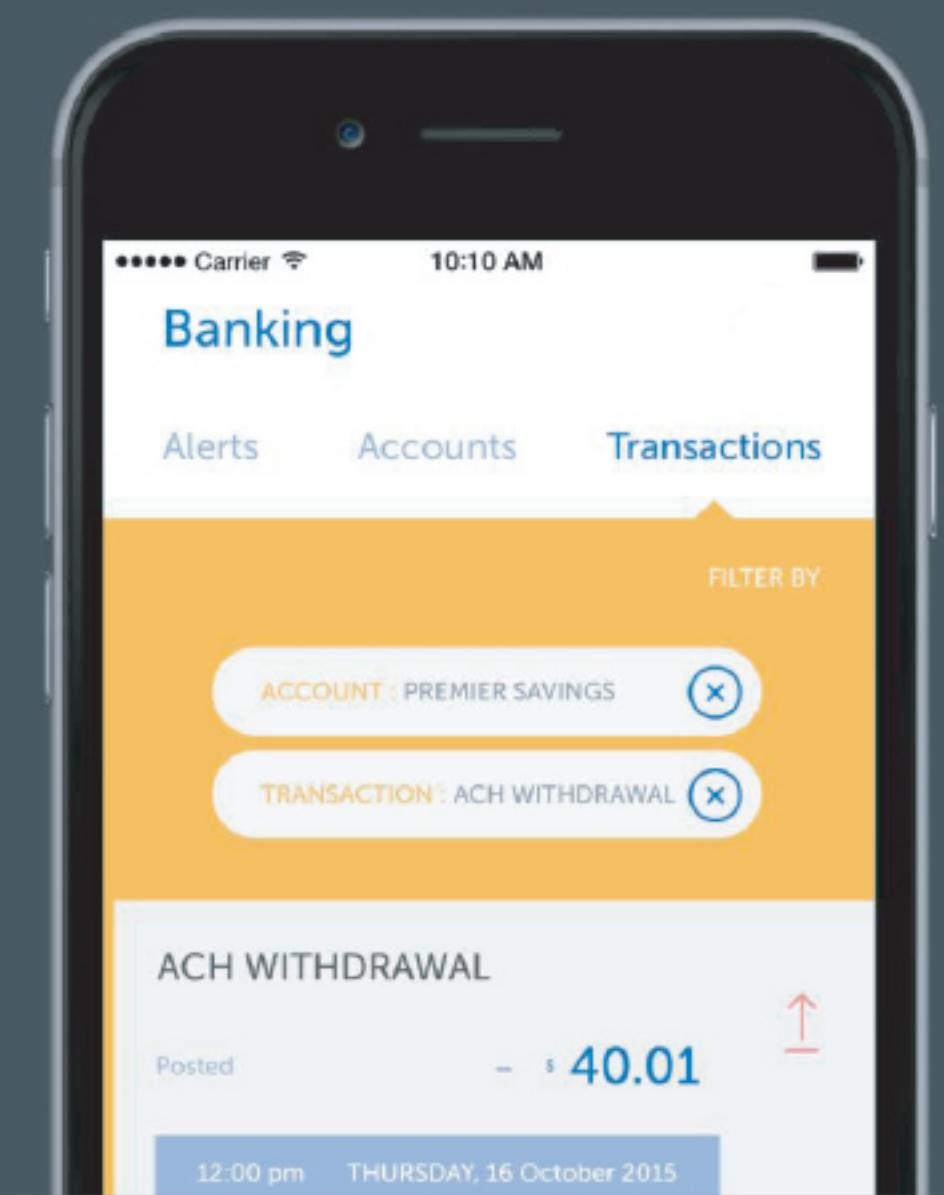
The cards are placed such that at any given point of time you are accessing one of those cards. So you only switch between these cards. Simplifying banking tasks to four groups, goes a long way in helping you stay grounded in context of task you are doing.

This may be especially useful for non-millennials switching to net or phone-banking as they would internalise that the first card is where I see my transactions. Done!



Filters in mobile devices can get hidden easily

By using it in a prominent way filters can help define the context crisply and give user the power to remove/modify it right up front. For a user with multiple accounts, he/she selects an account upon which the transactions are shown for the selection.



Why hide the menu?

For a tool like banking, the more you inform the user where they are without having to show bread crumbs (if you are thinking from the Hansel and Gretel story, you are correct), the better users will feel while engaging with your application.





Ideation Tool for an Insurance Company

Tools Used Fw Ps

John Doe, Insurance Executive

Monday morning as he is entering in office, notices the banner "Inspire & involve your employees in creative problem solving!"

He is curious, goes to the kiosk..



Wireframes

Buckets for categorizing insurance ideas

A hand-drawn wireframe of the Ideation Platform dashboard. It features a header with the platform logo and user profile information for Sophie Schneider. Below the header are sections for 'IDEAS SUBMITTED' (4), 'IDEA SHARES' (12), and 'FOLLOWED BY' (35). There are also 'Messages' and 'Notifications' sections. The main content area is titled 'Unleashing the power of your organization in one package' and includes a section for 'Challenge' with 26 assigned items and 2 assigned to me. At the bottom, there's a summary of '1859 Ideas!' and '40 Challenges!' with a note 'Be counting...', and a section for 'Using A.J. to model Risk Growth'.

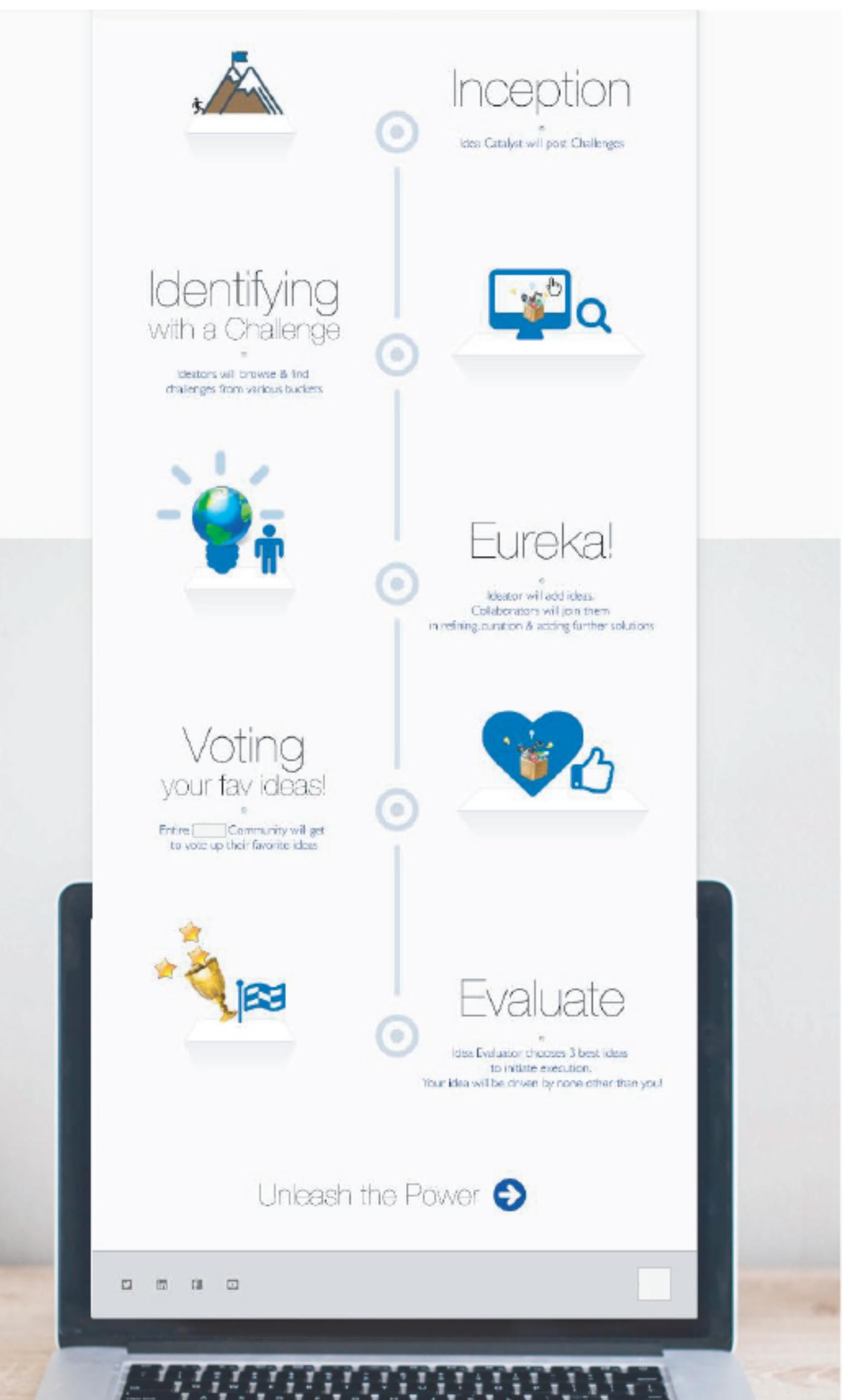
Employee touchpoint - SSO

Hall of fame; showing ideas bubbling up with the highest activity.

A mobile device displaying the Employee touchpoint - SSO interface. The screen shows a 'Bird's Eye View' of the ideation platform. It features a central icon of a box filled with various items like a lightbulb, a target, and a gear. Below this are sections for 'Screen Share', 'Data Goldmine', 'Know Your Client', and 'Bigger Footprint'. Each section has a circular badge with a person's face and text like 'COOLEST IDEA right now!', 'HOTTEST CHALLENGE right now!', and 'IDEA BOMB COOLEST IDEA of all time!'. The bottom of the screen shows social media sharing icons for Facebook, Twitter, and LinkedIn.

Employee touchpoint - SSO

Bird's eye view of the ideation platform and what's in store..





Self Service Portal

for a Marketing & Communication Services Company

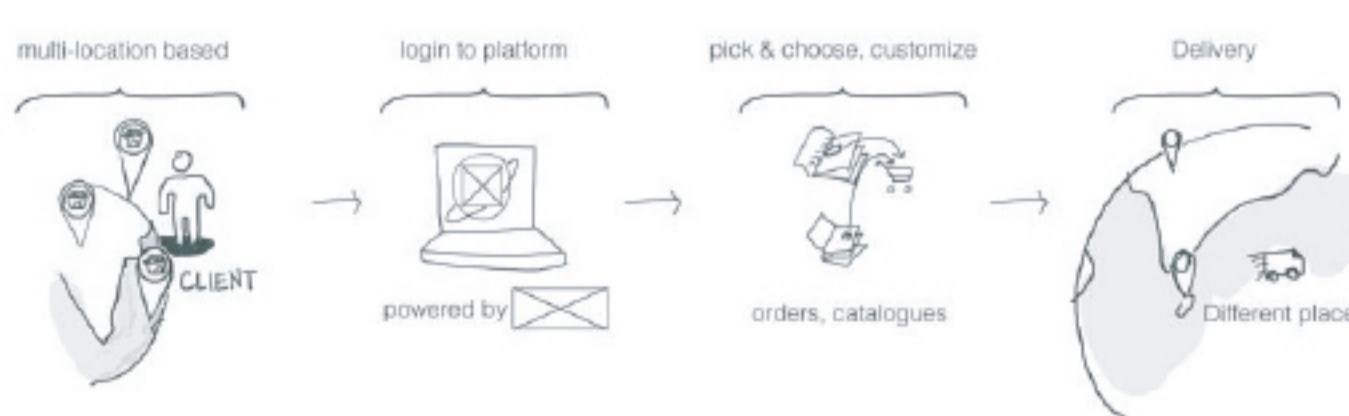
Tools Used



Dashboard Wireframe

Tracking No.	Item	Due	Qty	Am(\$)	Status
JJ002	Panel Printing	12 JUL Americas	40	299.00	DELIVERY
JJ001	Leaflet	12 JUL APAC EMEA	2000	300.00	DELIVERED
JJ999	Promotion Clip	12 JUL	1	900.00	DELIVERED

Journey Map



Self Service Portal

We know your process so things are more streamlined for you than you need to ask..

Sales Team

Joanna has all the collaterals templates she needs for her company's upcoming Event. A bit of customisation and she is ready to go!

Inventory System for a Mass Media Company

For marketers who deal with that kind of daily feed, a little less chaos..

Tools Used Fw Ps



A marketer can bundle up a couple of offers of his/her selection by dragging them into the 'Drawer'. **Remember they are upselling/cross selling on the go** while they are talking to a customer, and during which marketer would be shooting them an email and telling, "you know what? let's say your first six months subscription is on us.."

The platform allows finding offers by their type, their version, price, etc. & quickly packaging them into something that can be shot across various channels.

Obligation Name	ID	Version	Description	Activation Date	End Date	Product Type	SSP	Currency	Status
Print Sub 1 Year DM	123	1.0	Lorem ipsum Dolor Citu	1-1-17	1-1-17	Print Sub	2.99	USD	ACTIVE
Obligation 1234	123	1.0		1-1-17	1-1-17	Digital Sub	2.99	USD	ACTIVE
Lorem	123	1.0	Dummy text dummy text	1-1-17	1-1-17	Print Sub	2.99	USD	DRAFT
Ipsum	123	1.0	Lorem ipsum Dolor Citu	1-1-17	1-1-17	Print Sub	2.99	USD	PENDING

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Point-Of-Sale UI for a Jewellery Chain

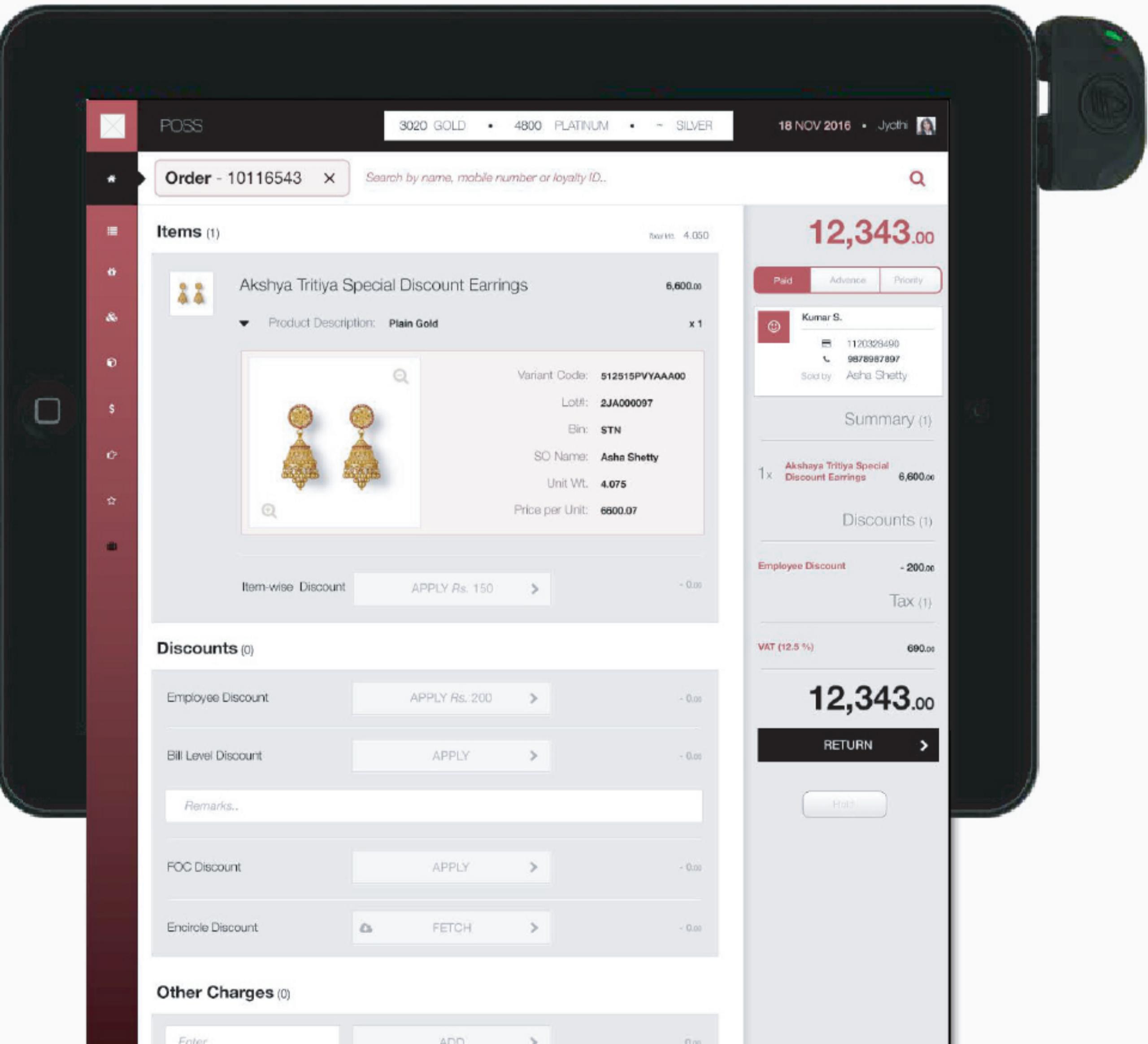
To enable quick tapping on POS machine to add discounts effortlessly without holding the queue up for long. also dark grey colour because white becomes too much of a contrast if user at the counter would need to be seeing this throughout the day.

Notice how the total appears twice. It is always present at the top if no action needs to be taken and hence user doesn't need to scroll in the POS machine at counter

Tools Used



Visual Design



Many thanks!

rewritablehere.github.io/folio/

