

A6 #qfa6





hello

Creative problem solving: how design can help

who are we?

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Chris Howroyd @chrishowroyd

in the next hour

- design defined
- design thinking
- insight exercise
- example tools in context
- q&a

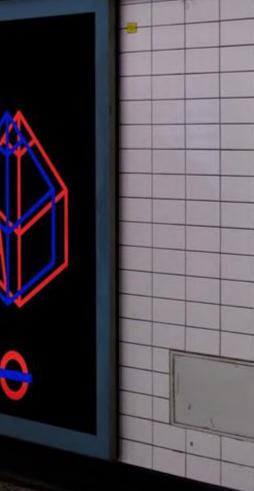
question when you hear the word design, what do you think of?











Sexual health: 24 hrs a day

Order free online Test at home Results by text sh24.org.uk

SH:24

NHS



Make a swap when you next shop!



definition

"Design is what links creativity and innovation. It shapes ideas to become practical and attractive propositions for users or customers"

not just pretty things

design has moved upstream

tactics to strategy across industry









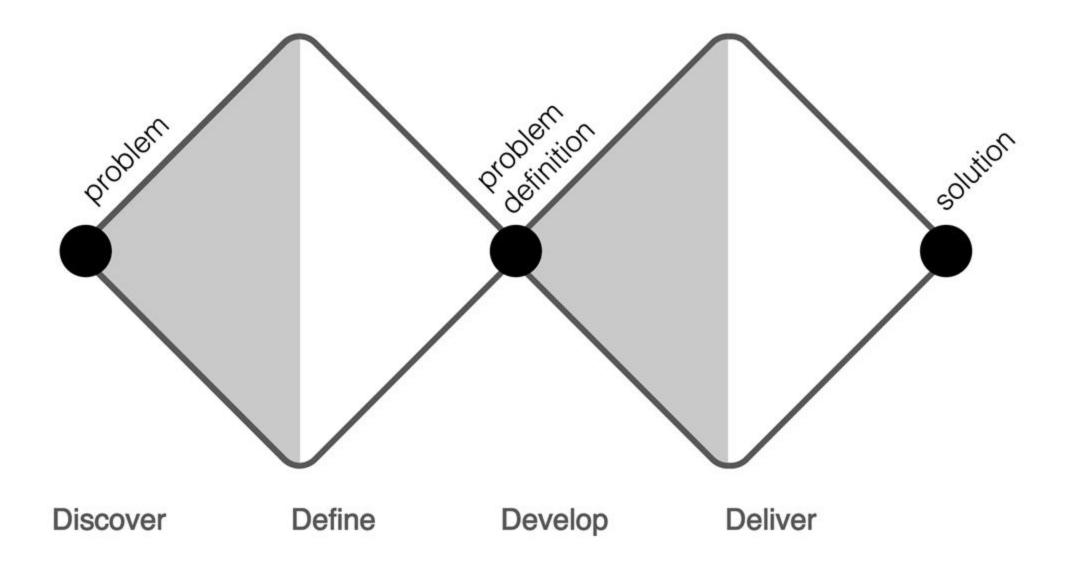


discuss: the good (and the bad)

- product / service / anything
- why is it good / bad for the user?
- *2 mins*

design as a process process vs artifact

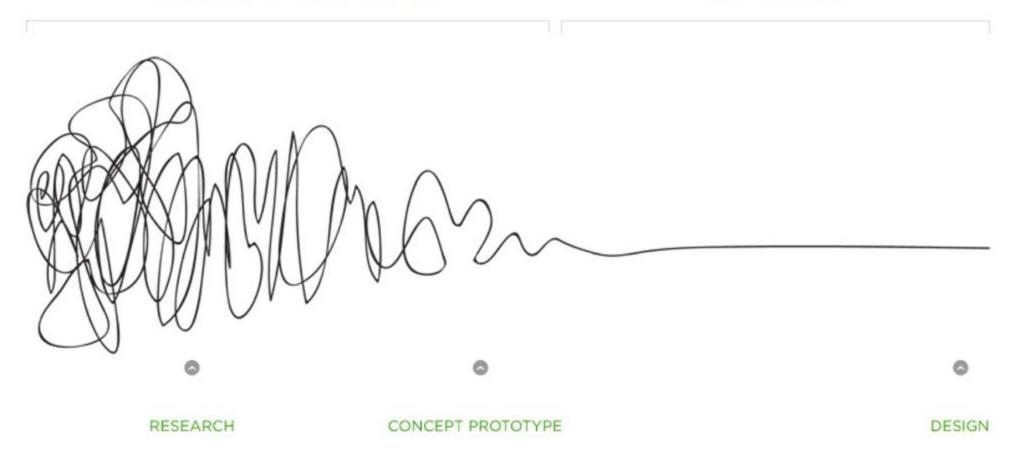
Design Council's Double diamond



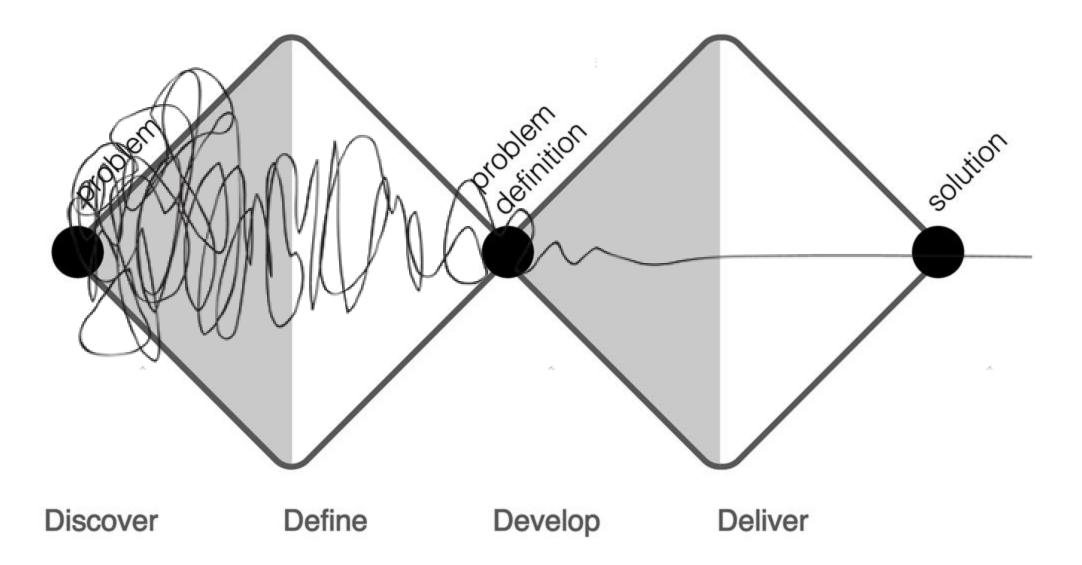
Damien Newman's Squiggle

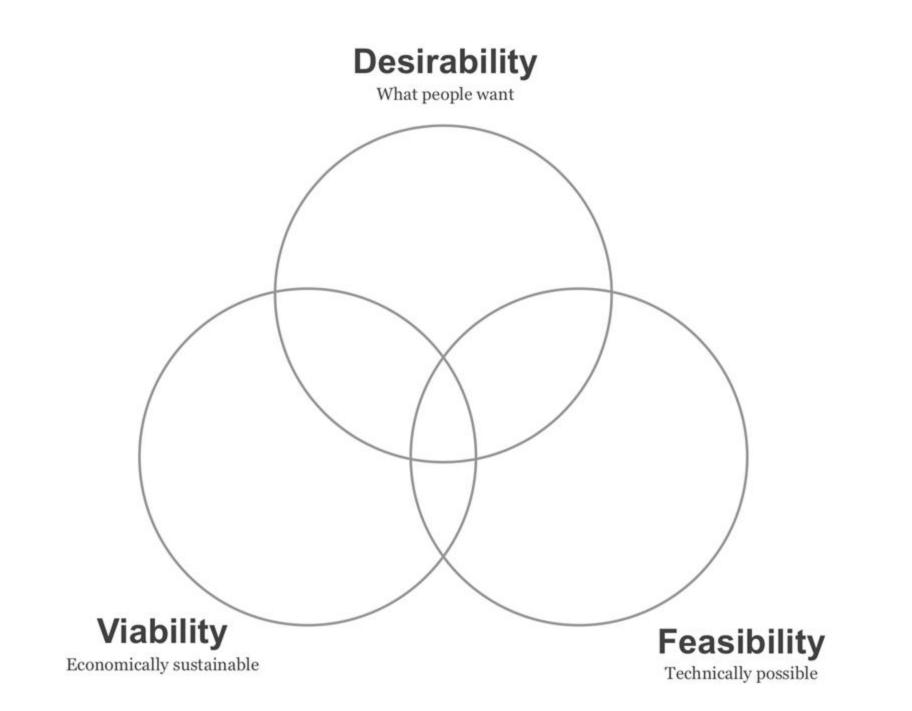
UNCERTAINTY / PATTERNS / INSIGHTS

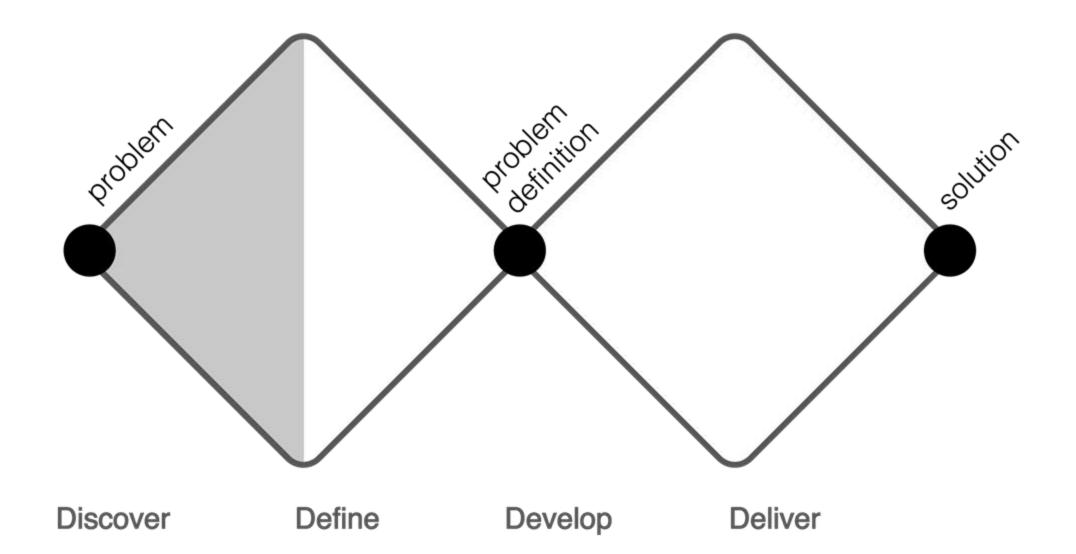
CLARITY / FOCUS



Design Council's Double diamond



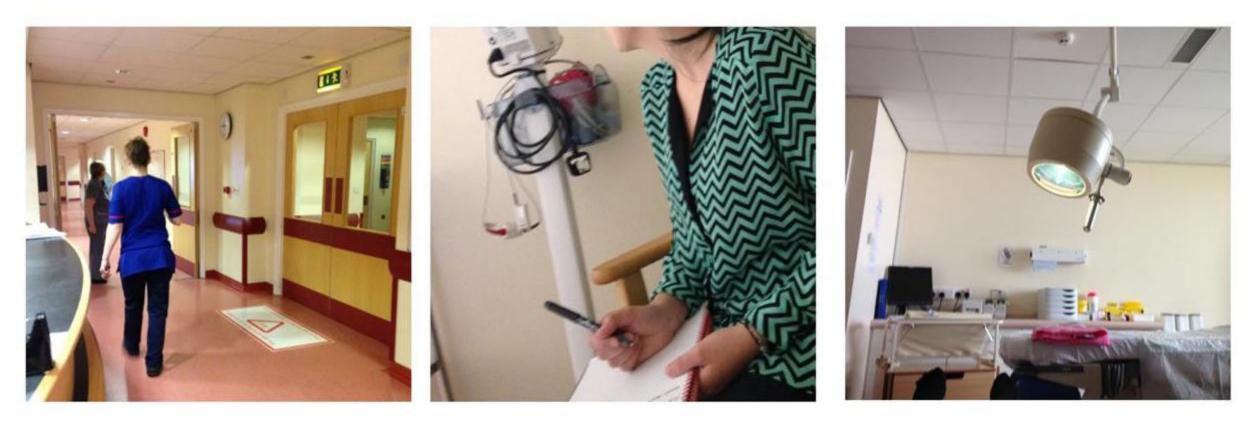












Observing:

"Listen with your eyes" and discover what people really care about.

Interviewing:

Conduct interviews to get deeper, more honest responses.

Immersive empathy:

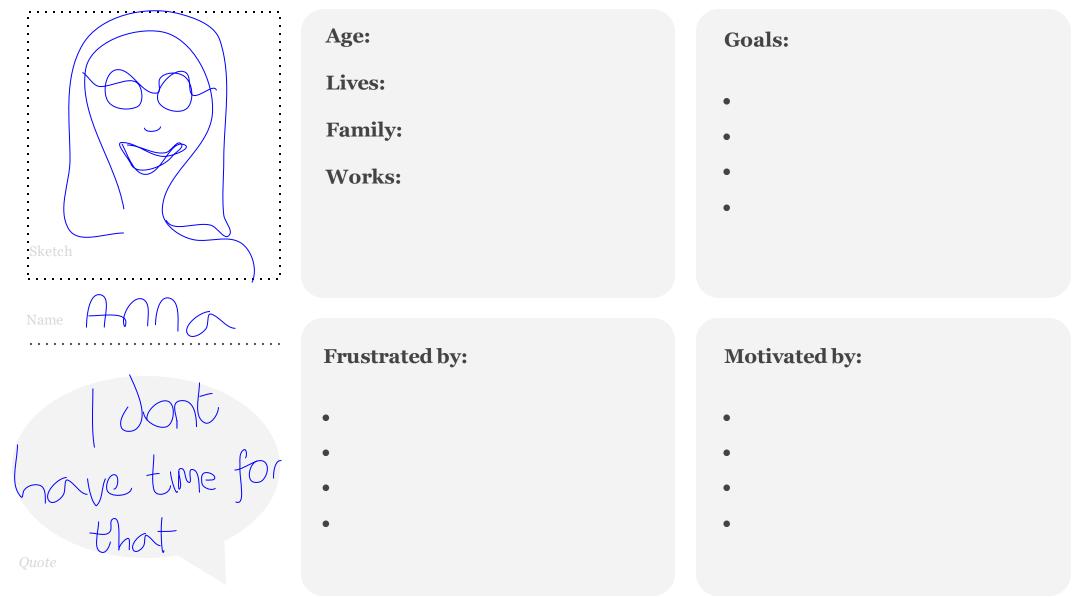
Learn what it means to "walk in someone else's shoes."

workshop

Draw out insights through conversation
 Listen and empathise. Ask why?
 Define user needs
 Re-frame a problem into an opportunity.

Interview notes a memorable experience of a healthcare service			User needs
a memorable experi	ience of a nealthcare service		As a user, I want,
			so that
			As a user, I want, so that
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Persona			
			Problem statement re-framed as an opportunity
	Age:	Goals:	
:	Lives:		
	Family:	•	
	Works:	•	
Sketch		•	
		•	
Name	Frustrated by:	Motivated by:	
	rrustrated by:	motivated by:	
	•		
Quote			

Persona



user 1, create a persona based on user 2

Draw out insights through conversation
3 mins

user 2, create a persona based on user 1

Draw out insights through conversation
3 mins

Interview notes a memorable experience of a healthcare service



user 1, interview user 2

Listen and empathise. Ask why?
8 mins

user 2, interview user 1

Listen and empathise. Ask why?
8 mins

User needs	
As a user, I want	7
so that	
As a user, I want	,
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As a user, I want	
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As a user, I want	,
so that	

synthesis

Define user need
8 mins

Problem statement *re-framed as an opportunity*

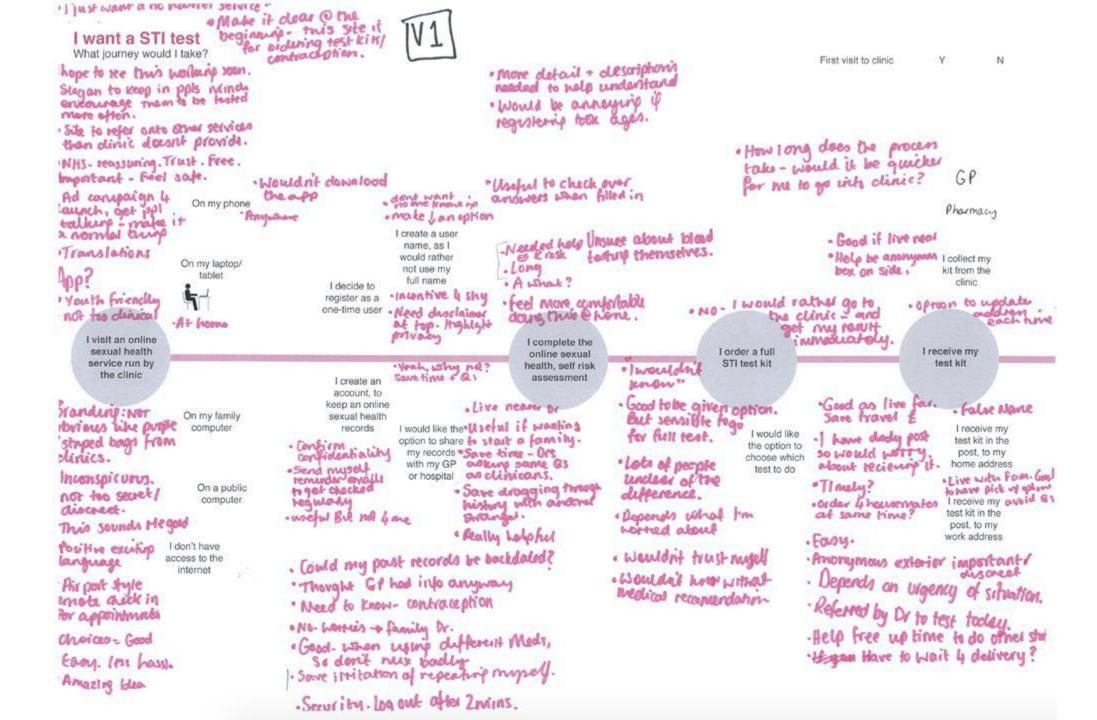
re-frame - individually

- *Re-frame a problem into an opportunity*
- *5 mins*

share

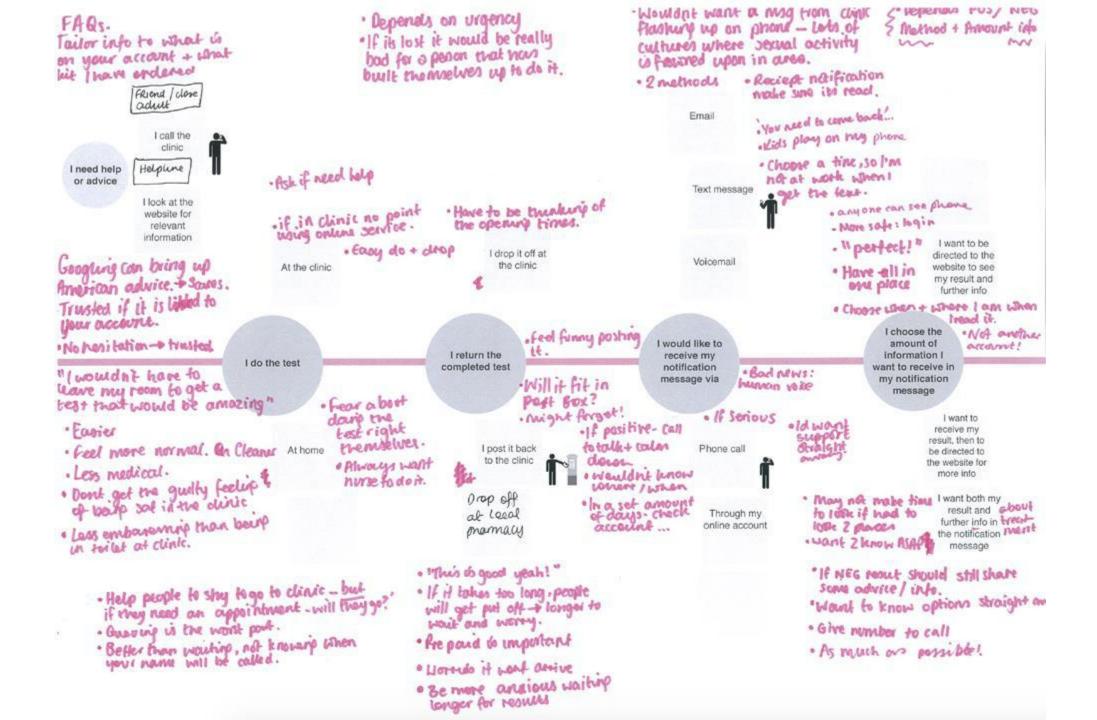
- Volunteer to share what you heard, and what your design opportunity is.

value every interaction: journey mapping



initial assumptions

- 1. People want an online service
- 2. People want an online account
- 3. People will complete a risk assessment online
- 4. People will order a full STI test kit
- 5. People are happy to receive their kit at home
- 6. People are confident in doing the test at home
- 7. People will return the test by post
- 8. People will prefer to receive their results by text
- 9. People will be prepared to log into their account for more details about their test(s), diagnosis and treatment



needs vs. assumed wants

- 1. People want an online service
- 2. People want an online account
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Charlotte 15 years old, Heterosexual

Single

School pupil, doing GCSEs British / Black African Lives in Peckham with her family

THE TOTAL OF

School is tough for Charlotte, she's really intelligent and mature. She wants to do well in her GCSEs but wants to fit in more. She cares a lot about what people, especially boys, think of her. Getting tested seems normal to Charlotte, she's like access to more advice.

When I go clinic, mum thinks I'm at school. I get fast-tracked coz I'm under 16. I wouldn't get things delivered to my house, I'd come clinic and pick it up.

"We aren't told anything at school." "Nobody ever believes I'm 15" "I can talk to some friends about stuff but then you don't know who is gorna find out all these things about you – then you find out everyone knows your business"

WHITE BRITSH STUDENT B: ST'GNA, LIVES WITH TAM ILY LACLESS) Fear. Emborranced Interiord D: Sector Media d

Catherine

18 years old Straight Single Lives with her parents in <u>Waterloo</u>

Catherine is on a gap year before going to University. She has a close network of friends and enjoys the local club scene.

Having recently ended a long term relationship she has had a number of one night stands, on one of which she had unprotected sex with a man she did not previously know. She has taken the morning after pill, which she sourced from a local pharmacy, but is extremely worried that she may have been exposed to an STL She is embarrassed to visit her local SH clinic or talk to friends or family about it.

Catherine is a social media addict (Facebook, Twitter and Tumblr) via her iPhone and laptop.

Jorge

B: Need for privacy -Fauly, 67

D: Getting tooled feels normal to her.

Happy to go to clinic

Thank She her

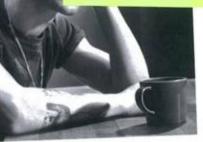
20 years old, Homosexual Single, sort of seeing someone Student British / European Lives in a student flat in elephant and castle

Jorge is studying at LCC and works on Sundays in Sainsburys. He describes himself as lazy and he doesn't do early starts. He's often out in East London with his bets freind.

Jorge always drags his best friend to the clinic and she'll get tested at the same time. He gets really worried if he isn't tested regularly.

"If I didn't have to leave my room to get tested that would be amazing, I am really lazy."

Jorge has an iPhone you'll never see him with out it. He has a MacBook too that he uses for doing his uni work or watching TV. B: Lozy Habes going to chinic i Phone - always buying/ playurp D: Fear - o MV-Utc Spare time Talks RG + Goes bedince with Friend



Adal

29 years old, Heterosexual Single Extremely entrepreneurial, currently working with friends on a new business.

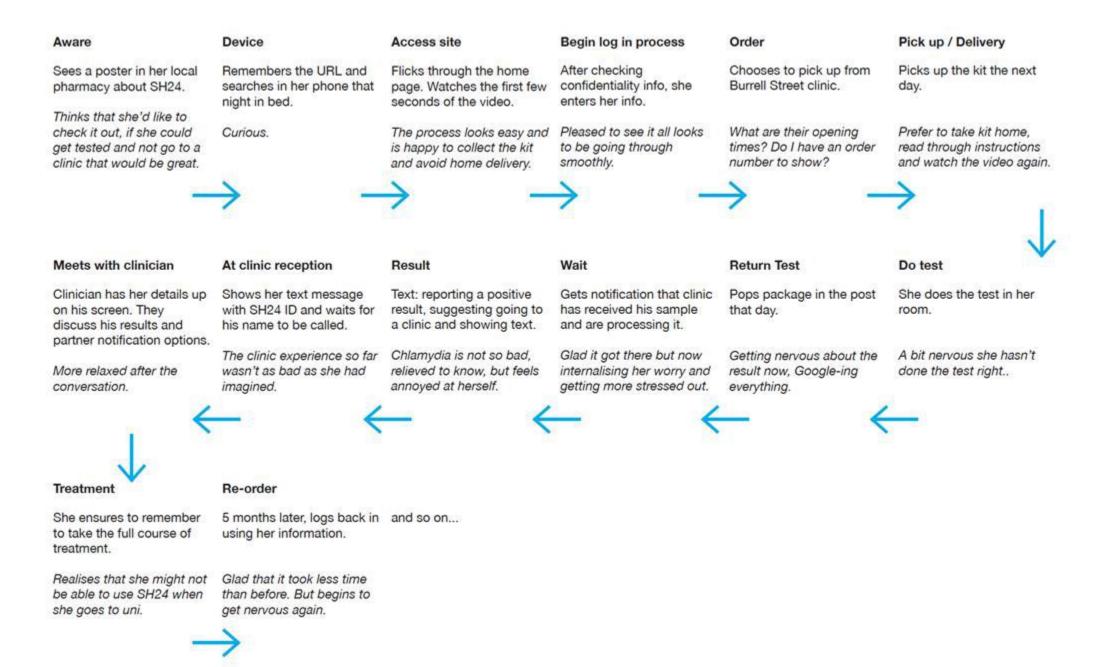
working with friends on a new business, Investigating car insurance claims British Pakistani Lives with his extended family in Essex

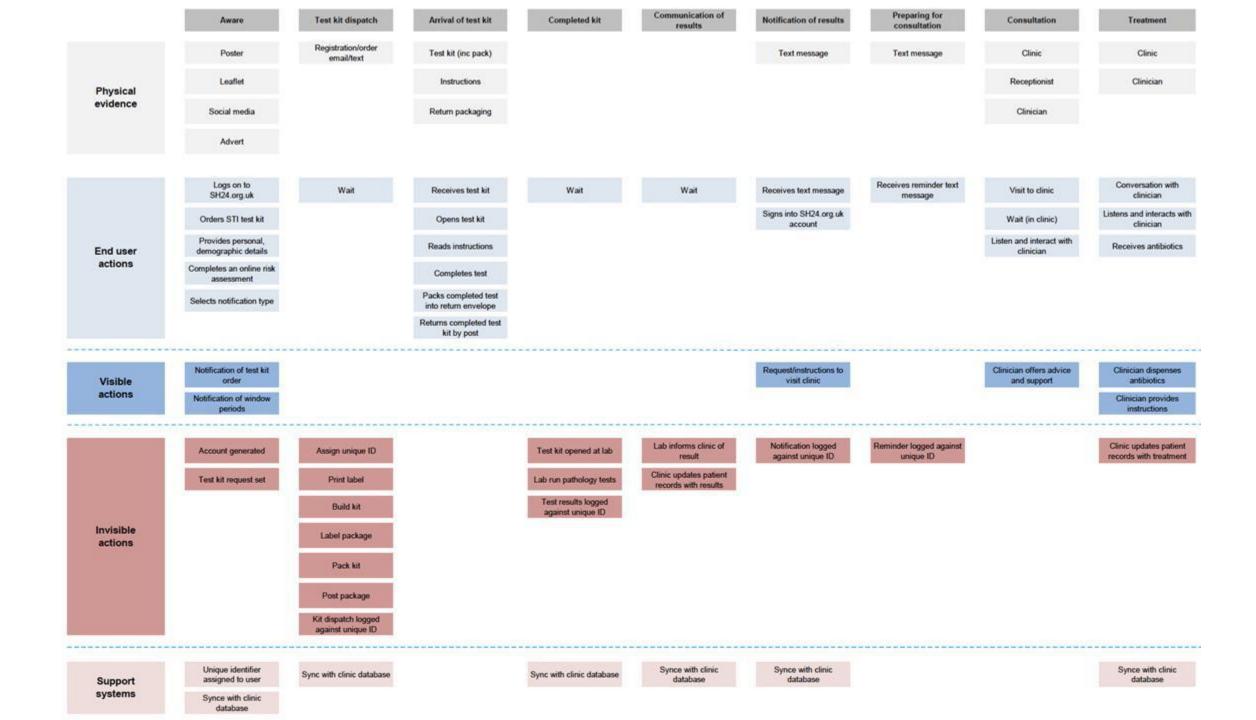
Adal is a very creative and driven character with lots of ideas for new businesses.

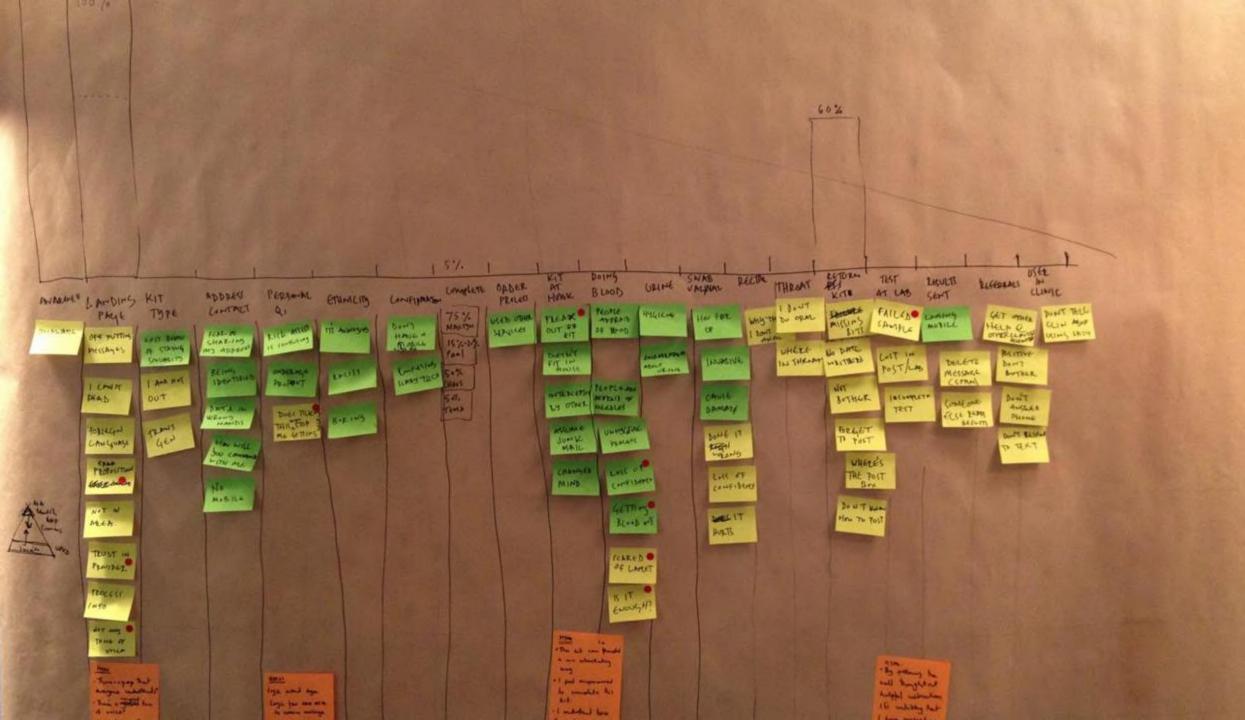
He really he wants a wife, his previous long term relationship ended badly a couple of years ago. He feels constant pressure: from friends to go and sleep with women, and from his family to do the opposite. Another Monday afternoon, he finds himself in the clinic, to see if he caught anything this time... He feels really guilty and annoyed at himself. B: Farvily finding of Time Docsile (ine admitting that he readed ig fet D: Staying healting Trying new thingseasily adoptions Likes knowledge. IT.



Catherine (worried about sex she had six weeks ago)







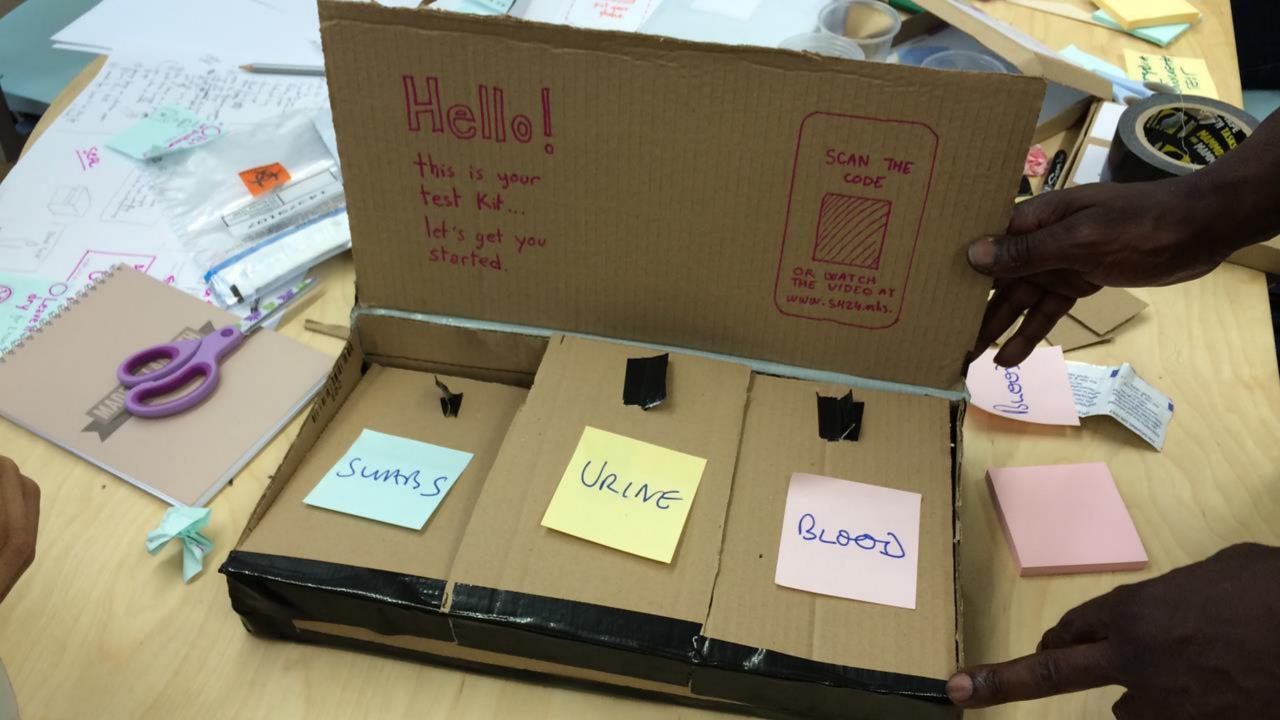


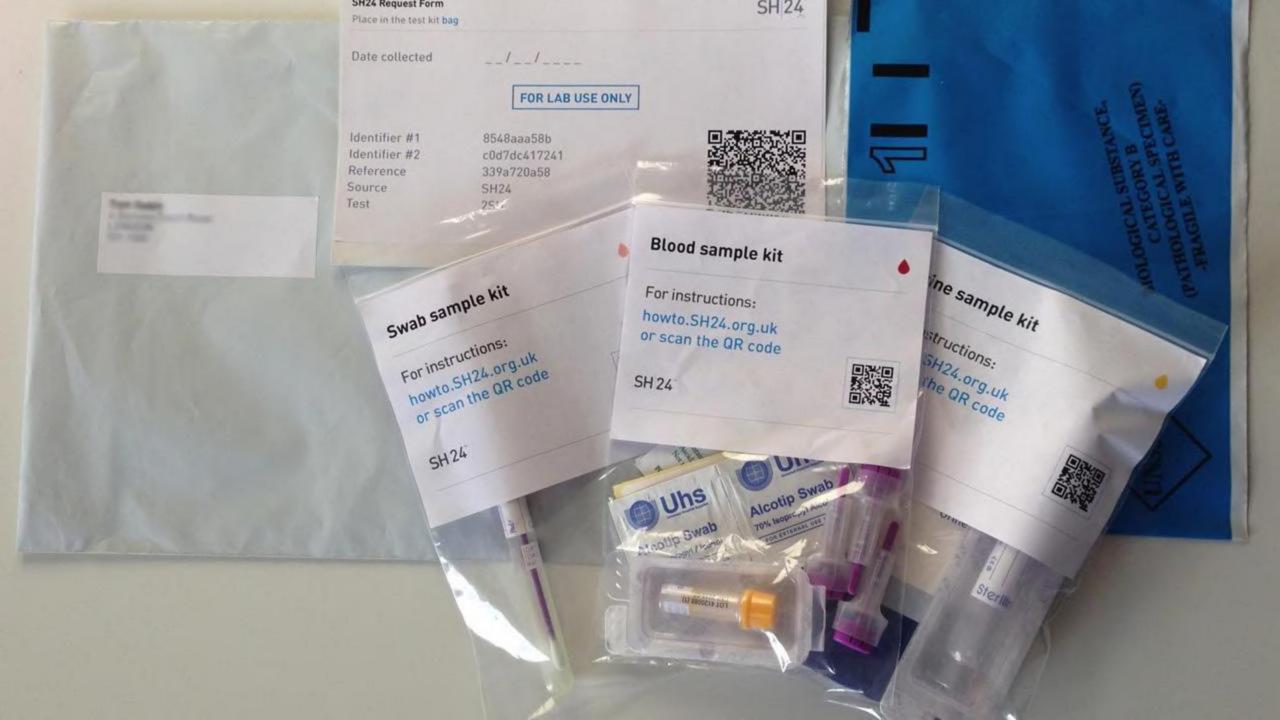
fail fast, fail cheap: prototyping

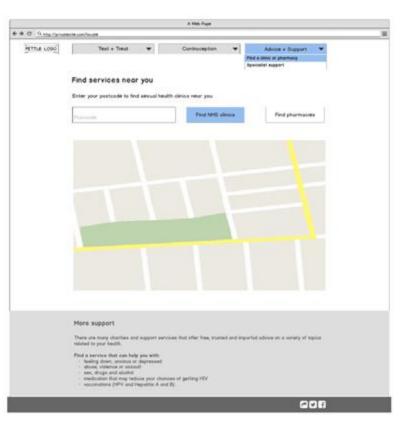


"Any service is made up of people interacting with physical stuff, processing information and having encounters with others - all can be prototyped'

David Townson







SH	SH24			
SH24 The Sexual Health Service SH24 is a free, convenient and discreet sexual health check up. Get a est kit sent you by post. The test takes 10 minutes and you simply sost it back in the envelope provided. Get tested for / Chlamydia / Gonorrhoea	Get started. Your postcode Start How SH24 works			
 Syphilis HIV Key facts SH24 is free to use if you live in the London boroughs of Lambeth and Southwark Your private data will be stored securely on SH24 servers 	1 2 3 4	Order online and receive kit by post Do the test in less than 5 mins Return the test for free to our lab Get your results in a text message		
Guy's and St Thomas' NTS NTS Foundation Trust	pported b	King's College Hospital		

Specific concerns (optional)

In some cases it may be best if you visit the clinic.

Do any of the following apply to you?

I am under 16

I have had unprotected sex within the last 3 days

I have been sexually assaulted

I may have symptoms for an STI

About you

Name and address

Please give us your name and address so that we can post an STI kit.

Fullname		
Address		

Town or city

Contact details

We will send your results by text message and we may also need to contact you by email.

Mobile		
Email		

Further information

Before we finish, there are few more details we need so we can monitor access to our services

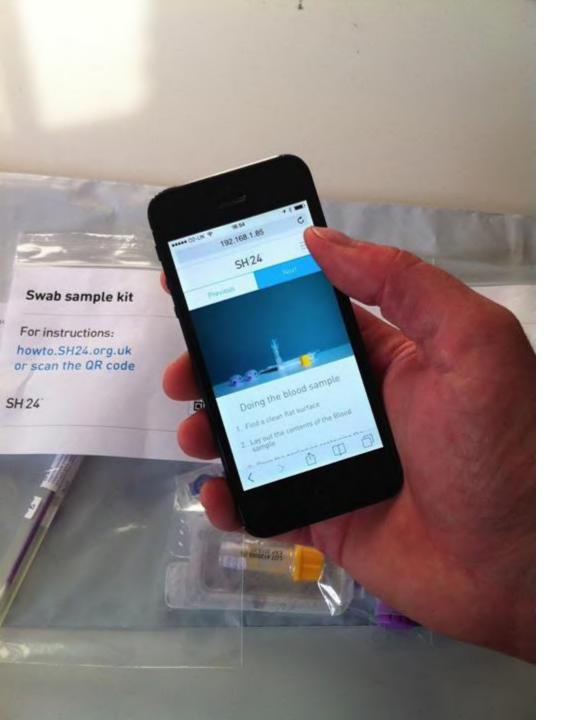


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thank you but before you go...

use less words

what is it?

"Quadruped. Graminivorous. Forty teeth, namely twenty-four grinders, four eye-teeth, and twelve incisive. Sheds coat in the spring; in marshy countries, sheds hoofs, too. Hoofs hard, but requiring to be shod with iron. Age known by marks in mouth."

Charles Dickens- Hard Times



19:30 Back to ePTS 1cm Notifications W Mollie Smith 11-11-1980 35 1 PEDIC Mollie completed 1 Task > 3 Syraus old 0 [New appointment: 11 April 2016 > Apr. Next appt. In Last appt. Molhe commented on Gare Plan > 3 month SETTIN Tracking Low Its CARE TOOLS Mood Time: / week Contributed by Oate vange Tracking what? Time: I wee Filter: М AII AII 1 Last 6 mont Tracking 7% State ----BT SALM DAILY UPDATE 8 "Feeling okay. Proud of myself for going to a busy shopping centre yesterday!" Tasks EMILY hin al 11-11-15 - feeling Archive 1157. (1) NACE lat week mailand a Stationer 0 TEALKING SLEEP \odot 0 A up 10% from last week Matic Filbit See M Em MOLLE 8 hours on slee Trends : 11-10-15 lerommendate on 5 TARCKING NEGATIVE THOUGHTS 0 Down 25% from last month See M MOULE 3 times today on regat 9-10-15 UPOATE 0 "Worried about Mollie. She's showing early warning signs and shuffing me off " EMILY like to div 5-9-15

collaborate



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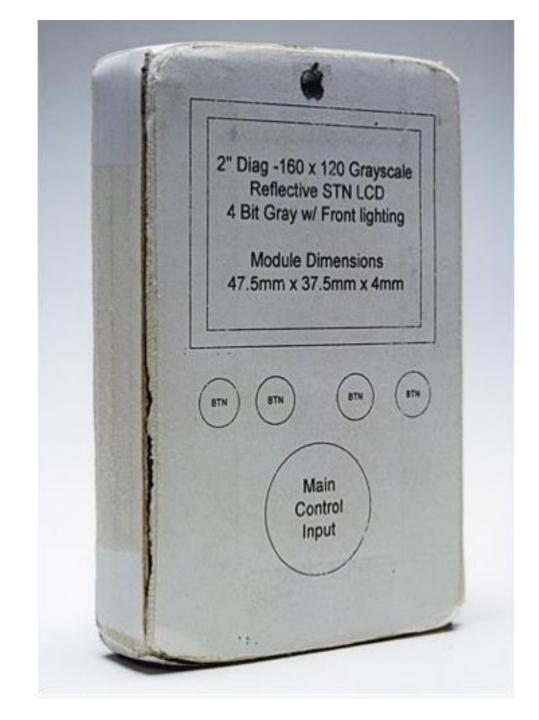
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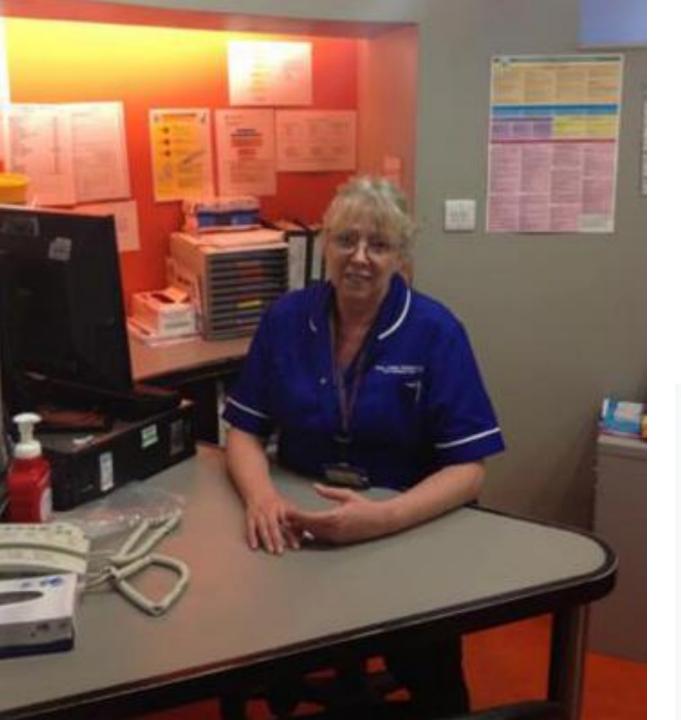
iterate







think; user first





SH:24 Retweeted



Chris Howroyd Ochrishowroyd - 19 Nov 2015 Huge thanks to team Gesroresearch for their expert input into Gsh24_nhs prototype user journeys for contraception







innovate with appropriation

