Digital inclusion: designing for everyone

Hi! I'm Helen

UX consultant

User researcher

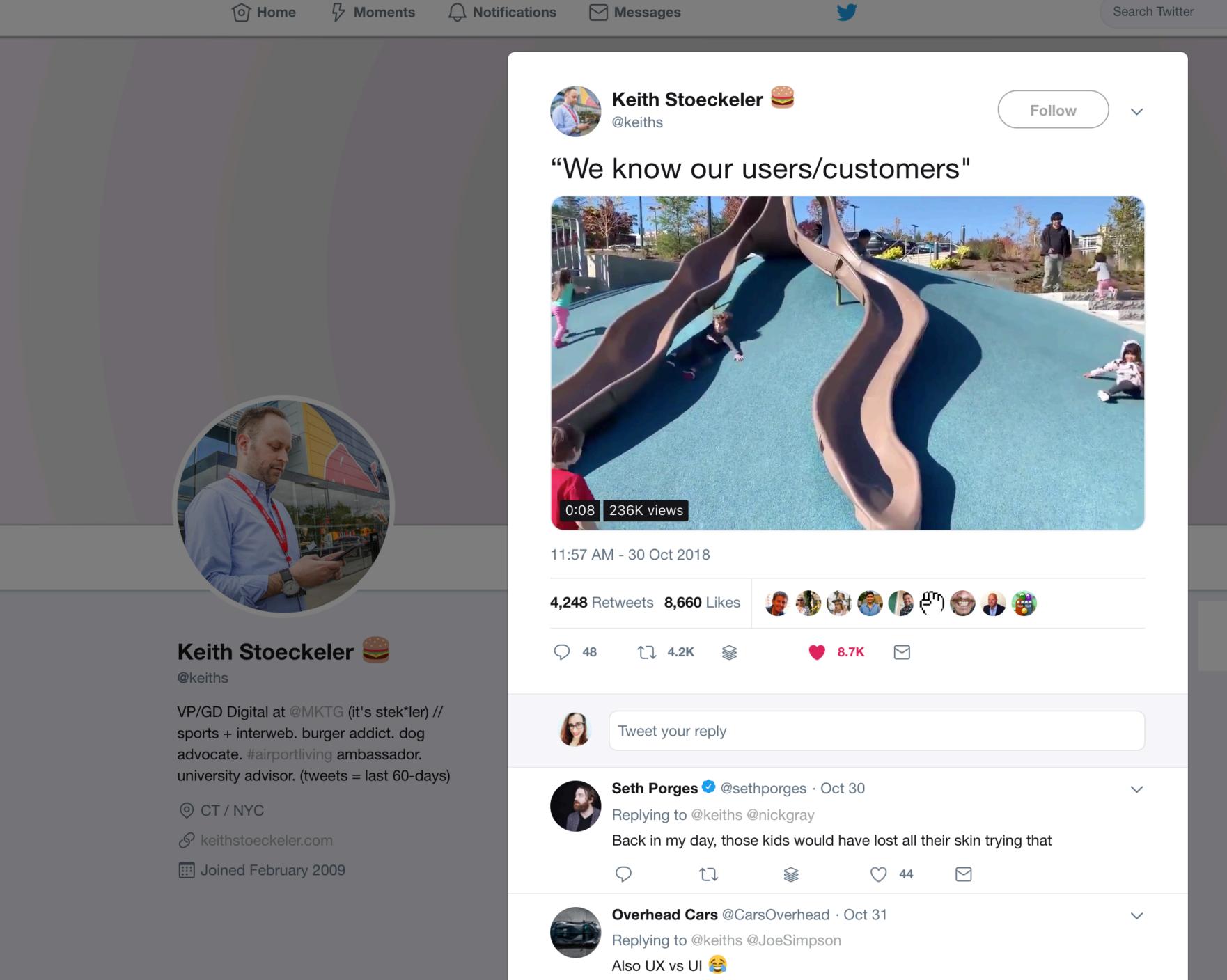
Diversity & Inclusion champion

Women in Tech Nottingham & Tech Nottingham organiser

Hot yoga lover







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"We spend a very long time mapping the user journey and plotting the customer journey when in reality, every human is on a journey we know nothing about."

Pete Trainor, HIPPO: The human focused digital book





"The danger is that you think you are getting a representative view of the world and you are really, really not, and you don't know it."

Eli Pariser, Author of The Filter Bubble



I-CAPT HOPSE

"Every decision we make can raise or lower barriers to participation in society.

It's our **collective responsibility** to lower these barriers through inclusive products, services, environments, and experiences."

Microsoft Inclusive Design Manual



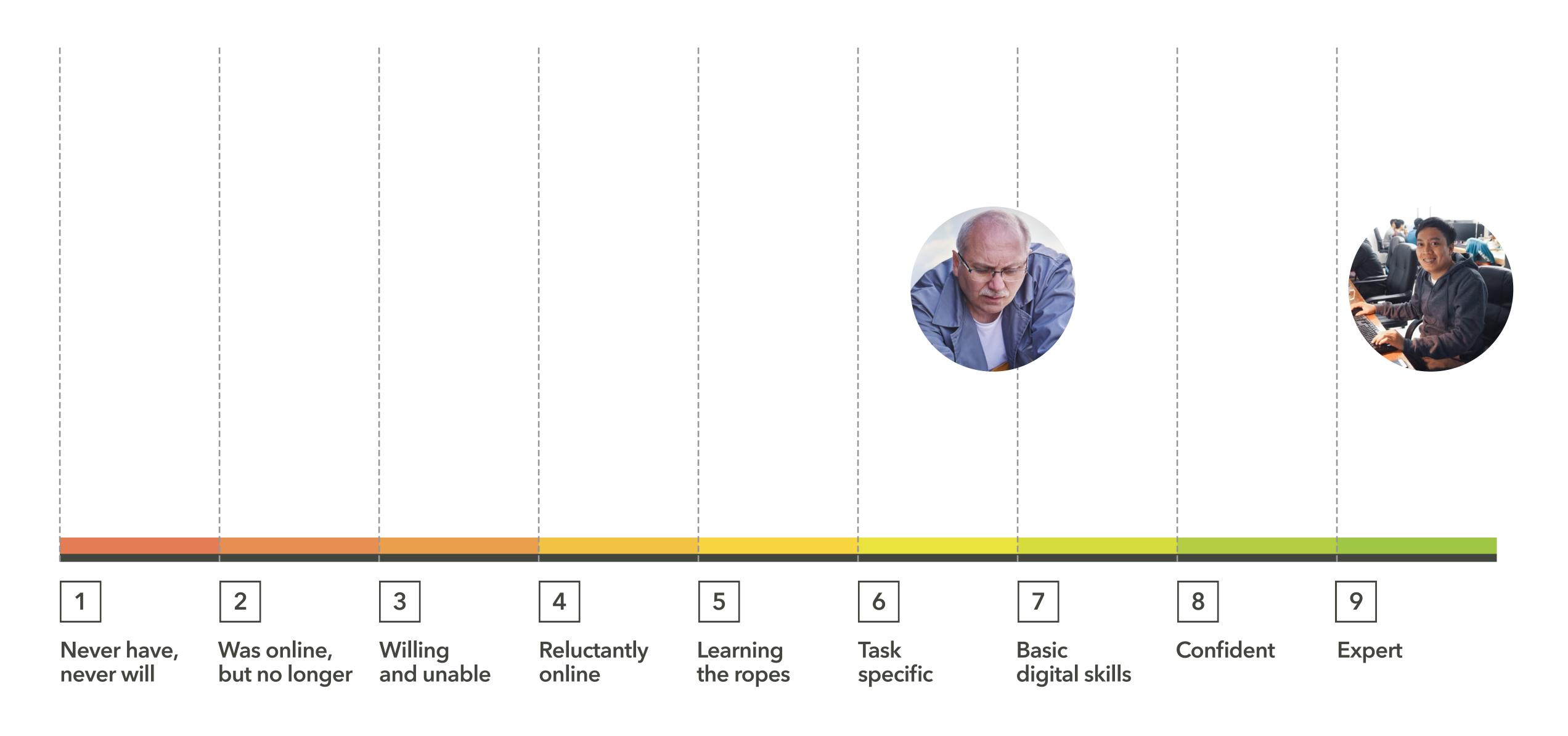
Assumption: OUR DIGITAL SKILLS ARE THE SAME



"I'm not very good with computers. Whatever system you've got has got to be completely idiot-proof because I'm an idiot with this sort of thing. I'm probably the worst person on the whole system."

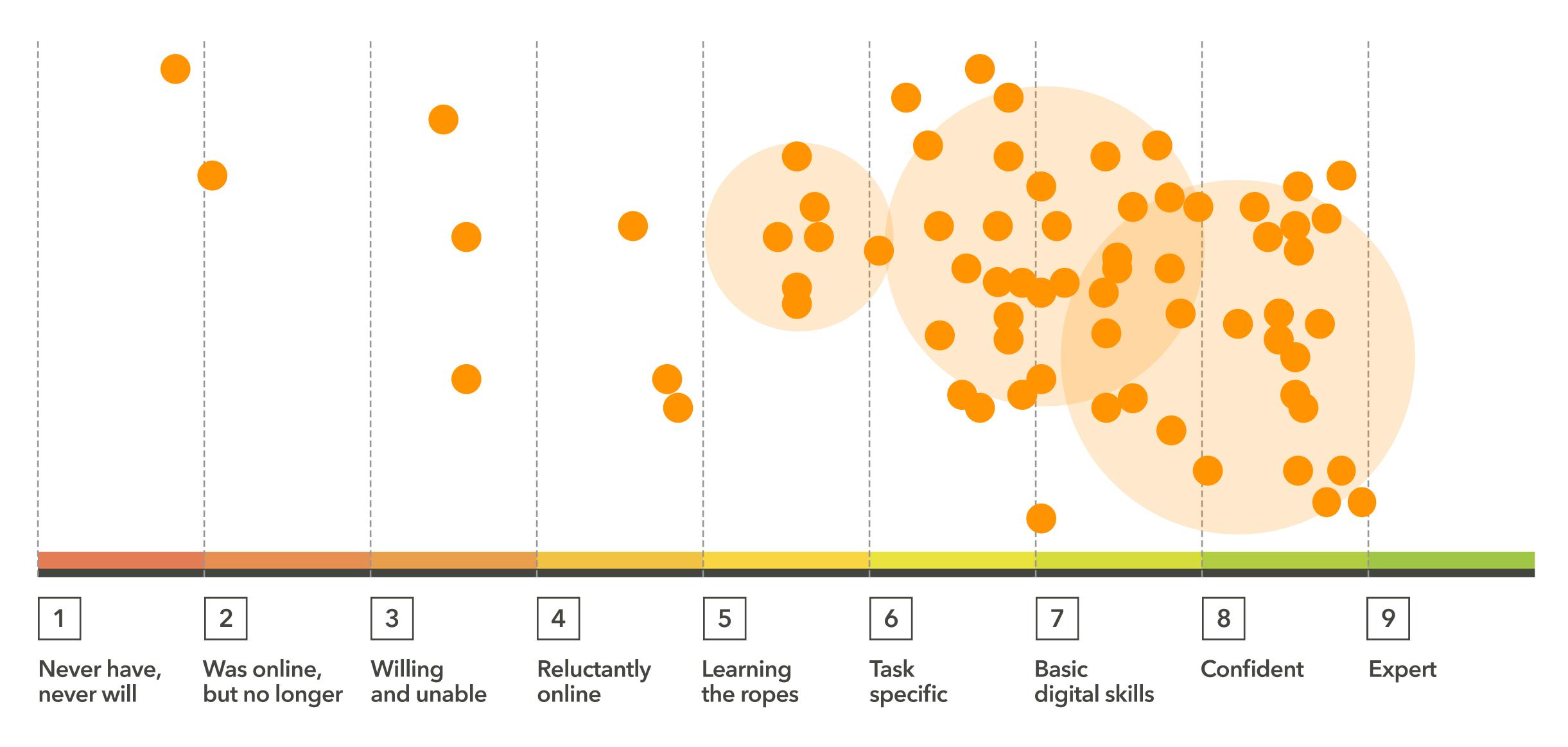
- 'Keith', Research participant





Digital inclusion scale







4.3 million aged 15+ in the UK have zero basic digital skills



One-fifth of the population do not have foundational digital skills



Digital Foundation skills

- Use a device/peripheral (e.g. mouse, keyboard, touchscreen etc.)
- Open an internet browser to find and use websites
- Turn on a device and log in to any accounts/profiles
- Update and change a password when prompted to do so
- Connect a device to a Wi-Fi network
- Find and open different applications/programmes on a device
- Use the different menu settings on a device to make it easier to use

Digital Foundation Skills

People cannot use a mouse or touchscreen

6 m

People cannot turn on a device

People cannot open an app



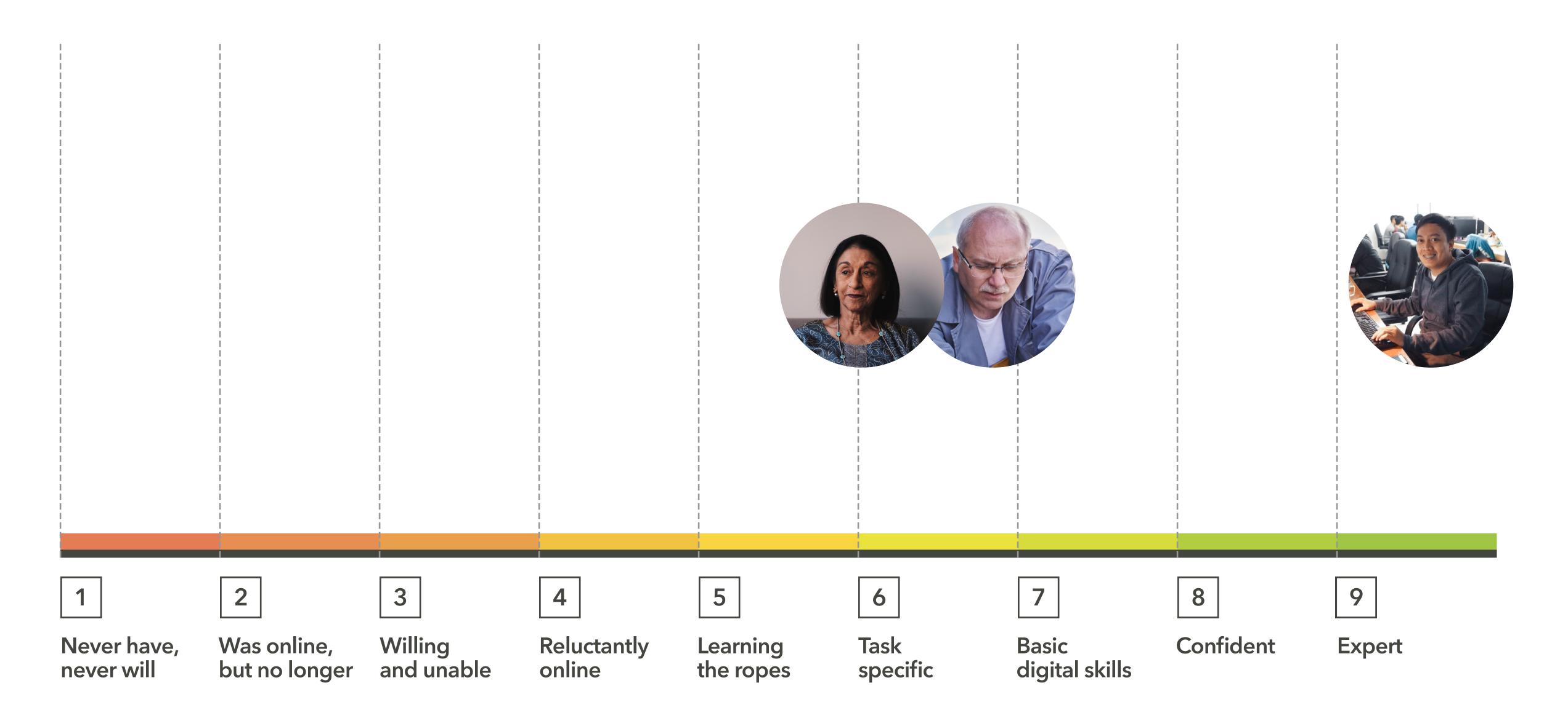


"I've never scanned anything – I get my daughter to do that.

I would need some idiot notes."

- 'Sonia', Research participant





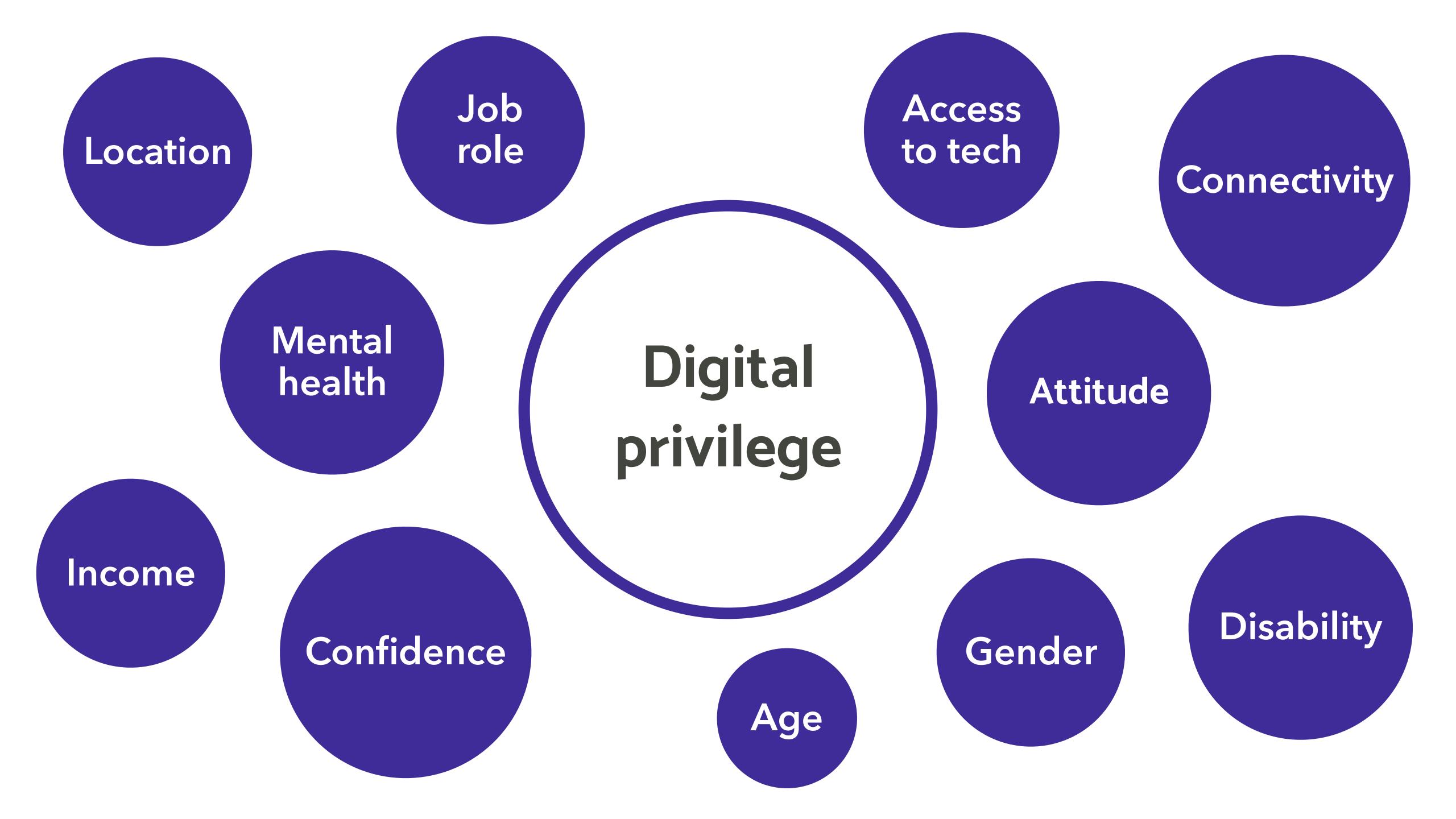
Digital inclusion scale



"You're spacemen talking to cavemen."

Research participant





Assumption: ACCESSIBILITYIS FOR PEOPLE WITH DISABILITIES



Design + Accessibility = Inclusive Design

4.1 million adults in the UK are offline





Offline profile

are under 60 years old

come from a low income household

32%

Have a disability

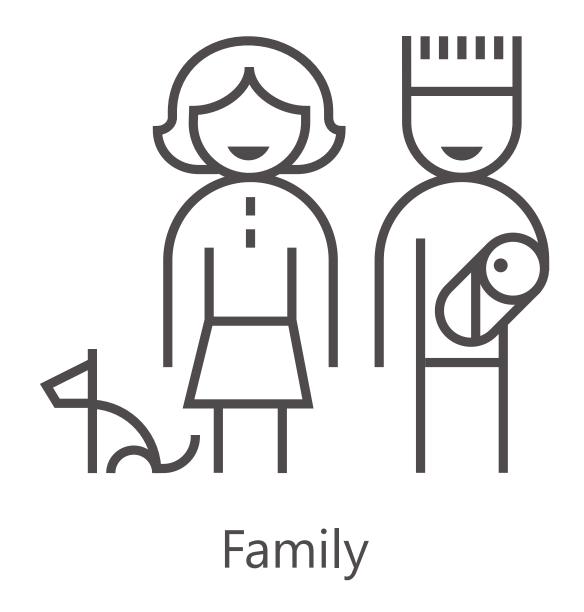


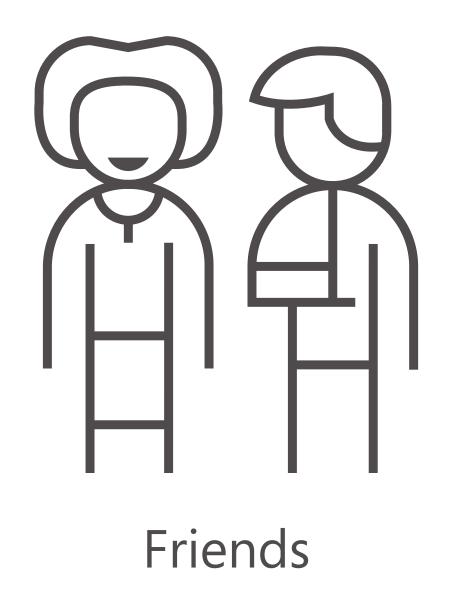
"Sometimes I feel like I am being pushed into doing things online. It doesn't always suit me or my daughter, who has a disability. I am very old fashioned and do prefer things on paper."

- 'Alison' Research participant



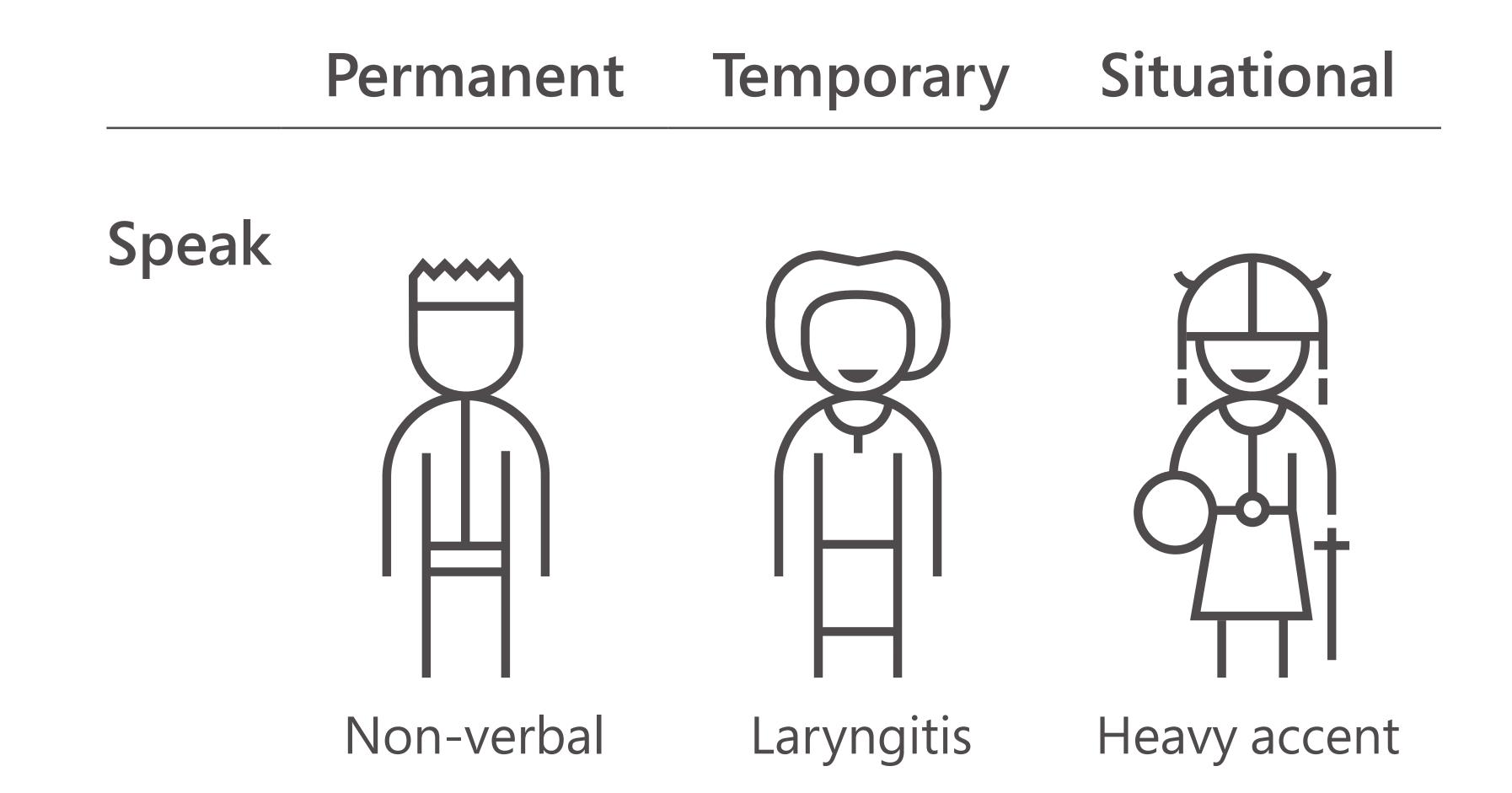
The Persona Network



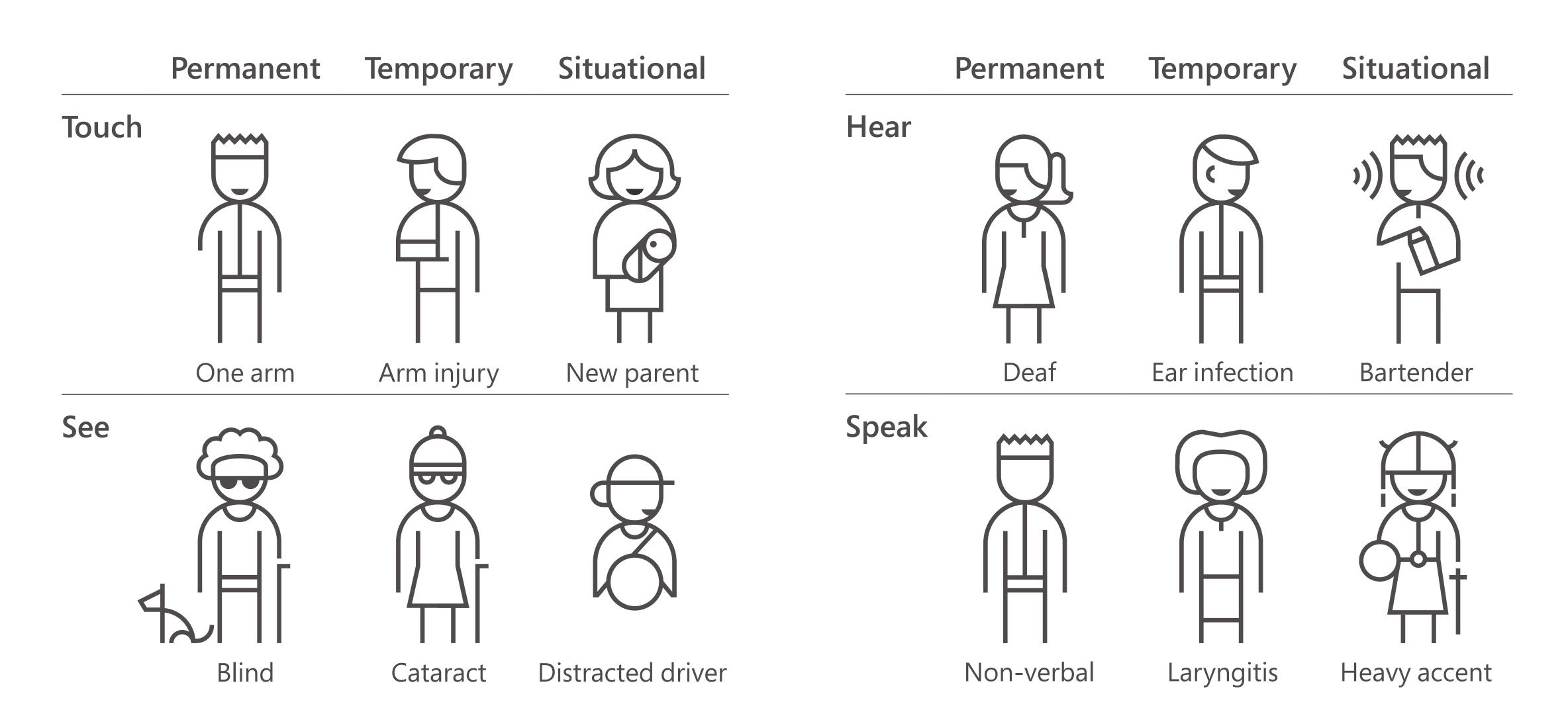




The Persona Spectrum



The Persona Spectrum



Assumption: WE'RE WORKING WITHTHESAME TOOLKIT











"We frequently only create idealised personas: attractive people happily interacting with our products and completing tasks."

Design for Real life, Eric Meyer & Sara Wachter-Boettcher







Without user research, you won't know what problems you're trying to solve, what to build or if the service you create will work well for users.

GDS Service Manual

The Plans

2. PROBLEMS



User research is a team sport



"Everyone is responsible for looking out for the user."

Erika Hall, Just enough research



"It sounds better than I thought it was. If it's only once and not the complete set-up then It's not as bad as I thought it was going to be."

"Now I've done it, in the future it won't take minutes. I'd get the code off my phone."

"I'm a real technophobe. I'm probably one of the better candidates for this."

"From a legislative view, you've got to put something in place... I can't see it being an issue. It looks like a good product."

"The setting it up was alright. I need to play with the system a bit more.

I freely admit that I'm analogue."

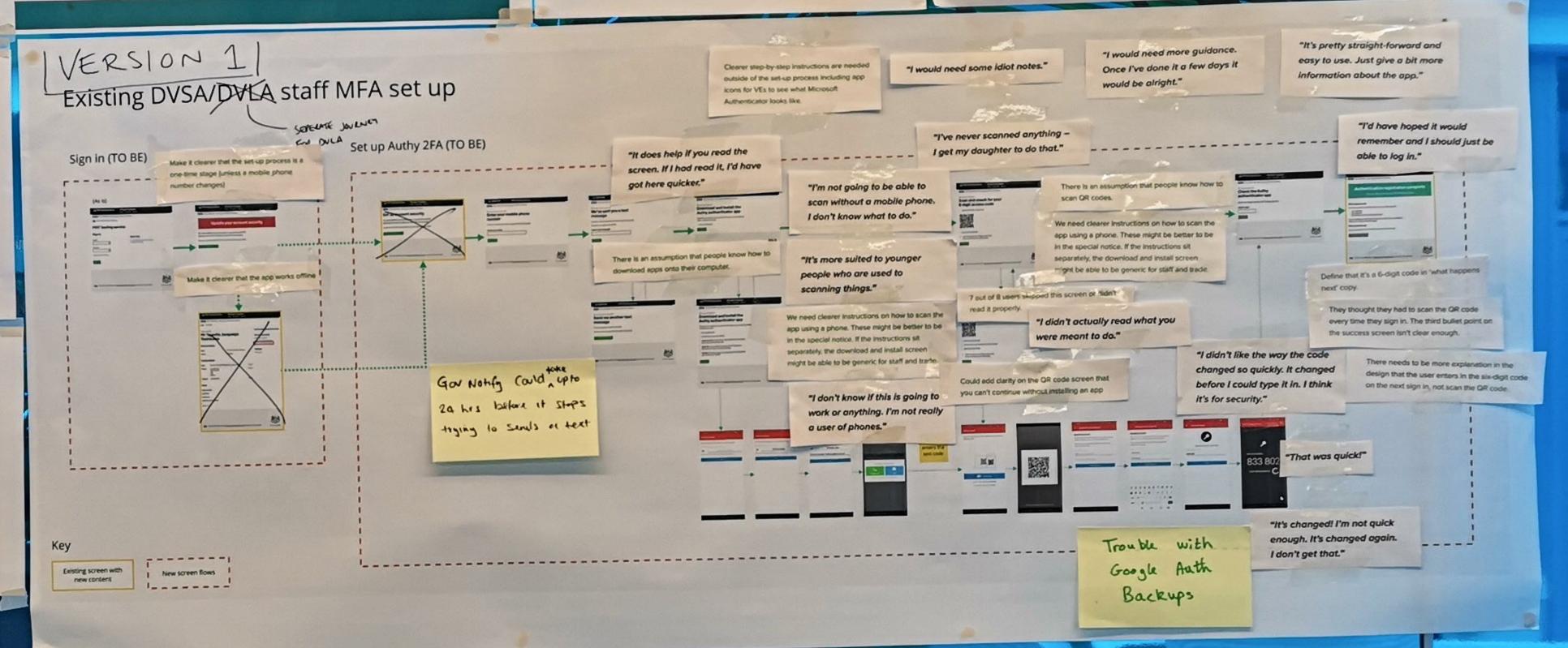
"I understand now. It's quite easy to do. I think it's quite good."

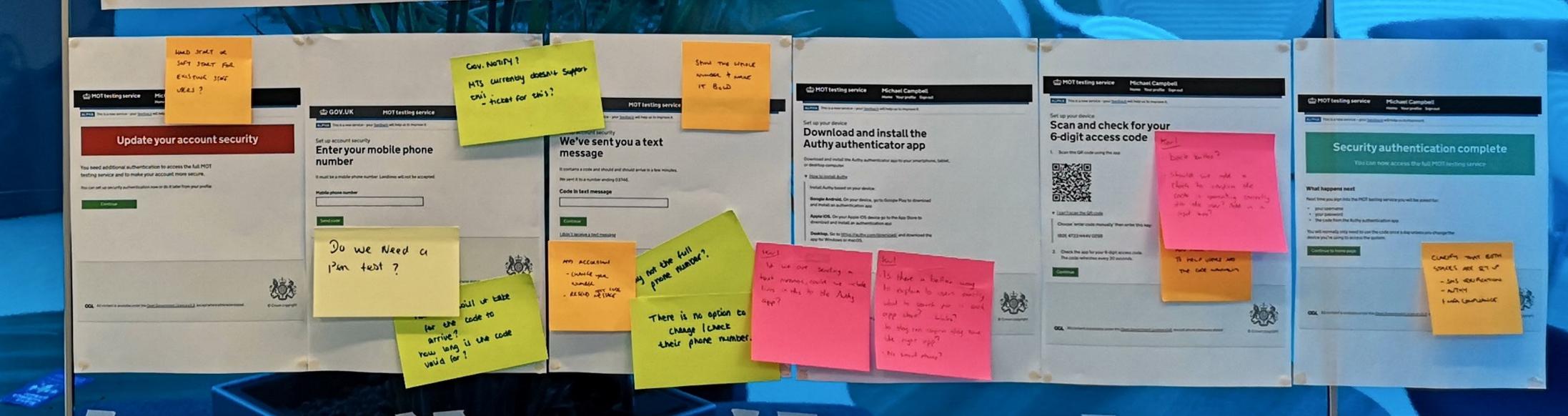
Vehicle examiner

"Once you know what to do and you use it every single day, it's not a problem."

Vehicle examiner

"There's a lot of guys out there who will struggle. If you ask them to download stuff there'd be resistance."





"We are a community that exerts great influence. We must protect and nurture the potential to do good with it."

The Copenhagen Letter



THANK YOU

