

IDENTIFY YOUR SUBJECT

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THE LOGIN FORTRESS - How can we redesign login experiences to build new relationships between platforms and users?

ENTER YOUR SECRET DATA

What IS a login experience? What is a login? Can I talk about logins without talking about logging out? Where am I logging in? From where? Into what? For whom? New and different relationships?

“How many times in a day do we face hacking attempts? Millions of times”.
“He assumed that design had already solved security. “

“Your system sucks! I do not control access here, THE IT DEPARTMENT does.”
“The site asked me, after one attempt “Are you not Selin Yildirim?”... and I felt betrayed”

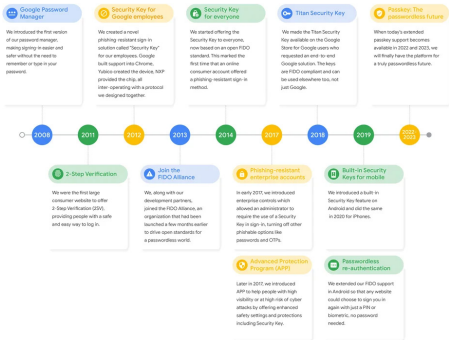
“If you don’t have much affinity with technology, it’s really hard to use that stuff once it doesn’t work the way it should.”

PASSWORD MUST INCLUDE QUOTES ABOUT YOUR INTERVIEWS, BE COMPLICATED, AND MAKE YOU FEEL ALIENATED.

Observe the following phenomenon: a person wants to enter a place. In order to do so, they need to go through a door, which, for one reason or another, is locked by a key they own. The concept is simple: use the key, enter through the door. Simple, but not enough anymore. In recent times, the login experience has developed a trend of increasing security, generating seamless interactions and externalizing the moment of authentication outside of platforms users are on. This trend presents itself in email verification, 2FA, captcha, “Prove you are human” prompts, accessing one’s smartphone...

SELECT ALL BOXES THAT CONTAIN RESEARCH EVIDENCE

Our passwordless journey



Ramzy thinks... seamless = good, but behaviour shows that it lead to security concerns.

Selin thinks... Friction = tiring, but reassuring. Suspicion hurts trust.

Emma believes... Friction = stressful for non-experts. Seamlessness OK, but only up to a point. Ownership of accounts is ambiguous. Military context is,uh... Security is externalised, total lack of internal control...?



(a) Mandatory phone number for account creation but only brief description of the additional 2FA purpose.

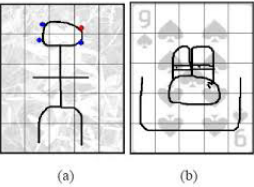
(b) Phone number denoted clearly as 2FA on login.

IF WE REMOVE SECURITY NEEDS
FROM LOGIN DESIGN,

WHAT IS LEFT OF THE EXPERIENCE?

By the late twentieth century, passwords had also entered popular culture. Hollywood made the login a dramatic trope: in WarGames (1983), Matthew Broderick hacks into a military simulation with the backdoor password “Joshua.” In Mission: Impossible (1996), Ethan Hunt slips into CIA headquarters with the code “AW96B6.” In The Matrix Reloaded (2003), Trinity resets a power plant’s password to “Z10N0101.”

LOCIMETRIC LOGIN? DUOPASS? BUILDING RELATIONS TOGETHER? IMAGES? MEMORIES?



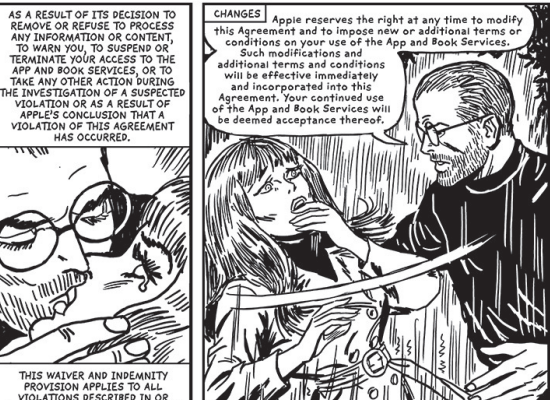
“For example, current password policies create user frustration (e.g., when users forget the passwords or reset the passwords frequently due to strict policies); biometric authentication schemes entail privacy threats (e.g., biometric data could be used in impersonation attacks, the data cannot be revoked in case they are compromised or leaked); unusable password policies increase maintenance costs (e.g., password resets increase labor costs of an organization)...”

Niemimaa, Marko, et al. “Security and Usability of a Personalized User Authentication Paradigm: Insights from a Longitudinal Study with Three Healthcare Organizations.” Proceedings of the ACM on Human-Computer Interaction

“Both conceptually and thematically, these interfaces offer their users a way to map and engage an increasingly complex world allegedly driven by invisible laws of late capitalism. Most strongly, they induce the user to map constantly so that the user in turn can be mapped. They offer a simpler, more reassuring analog of power, one in which the user takes the place of the sovereign executive “source,” code becomes law, and mapping produces the subject.”

(Programmed Visions, Wendy Chun, 2 Daemonic Interfaces, Empowering Obfuscations, page 59)

NOW WHAT



Another insight we noticed is that people were aware that passwords are not as secure as other authentication schemes but preferred to use them anyway. Some even believed passwords to be safer than other methods of authentication.

“Password is the most easiest and safest of the three.” As mentioned earlier with security friction, people will exchange security for convenience if the security seems too overbearing or complicated for every day use. Alvi, Muneeb. Authentication Schemes and Their Impact on User Security Perceptions. California State University, 2023. ScholarWorks,

NEW LOGIN RELATIONS BUT ALSO RELATIONS FROM USERS, STATE, PEOPLE, RELATIONSHIPS, SERVICES, HOW LOGIN DICTATES THOSE RELATIONSHIPS and how CAN WE REDEFINE THEM....

WELCOME HOME, HERE IS WHAT MIGHT INTEREST YOU NOW...

Logins today are externalized...
They are closer to the body...
And they shape feelings and thus behaviours...

But more importantly, how can we create new and better relationships between users and platforms, within the login experience, using technologies already available?

If the present oscillates between seamlessness and friction, this questioning allows us to ask what else login could become. Today's systems are designed under suspicion: "prove that you are not an intruder, prove that you are not a machine, prove that your body is truly your body". Yet if login is a moment of entry, there is no reason it must always express suspicion. The act of recognition could instead become relational or even playful, and not be bound to the body and centuries of bertillonage.

