

# Passmate

## Offline-first Password Manager

A password manager for everybody



colombalink @



# Problem

86% of people use passwords that are leaked

158 accounts hacked every second

Compromised passwords cost SMBs \$0.3M per Attack



# Solution

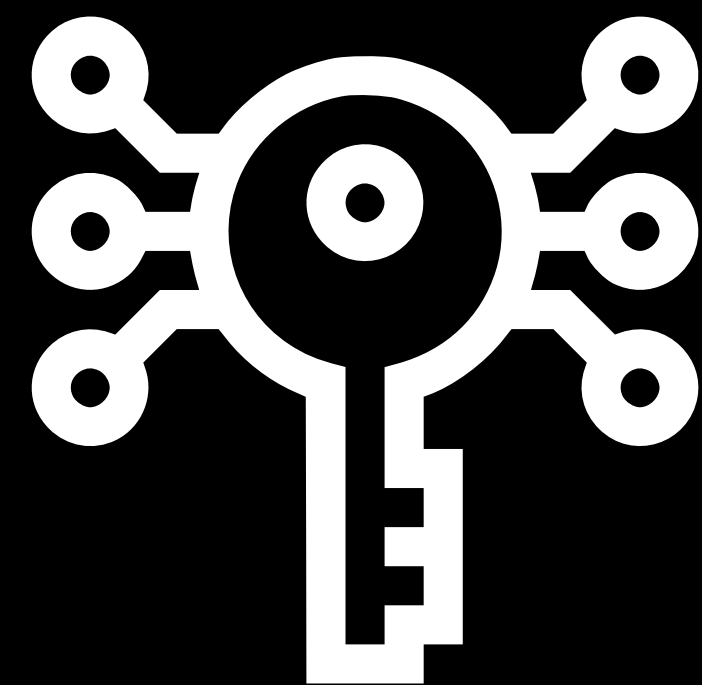
The only offline-first cloud password manager

Offline sync using multiple devices

Master login without a password

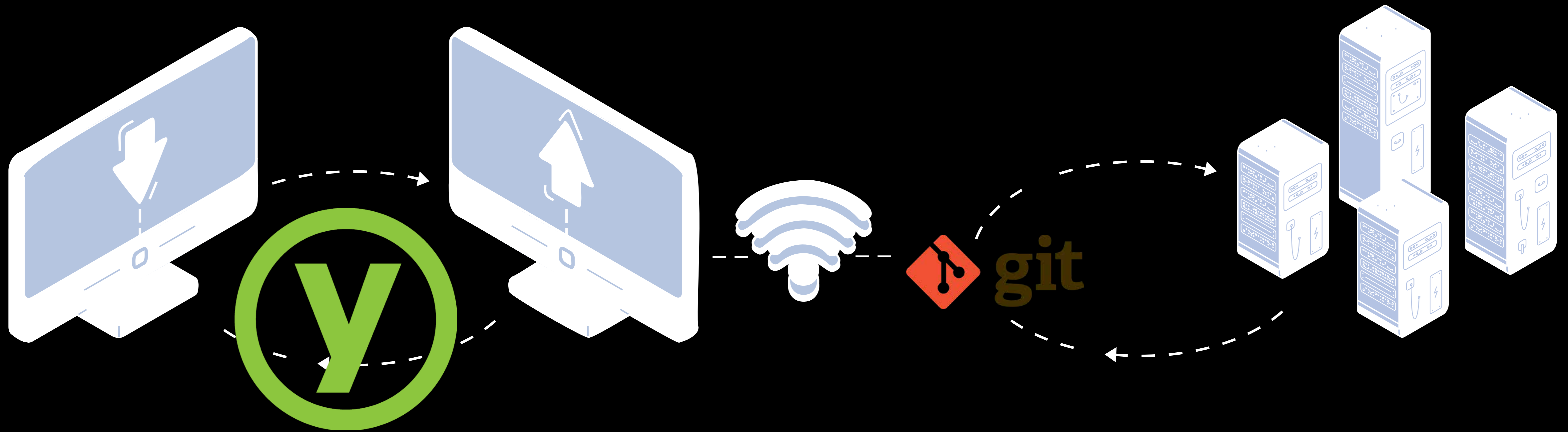


# Demo



# PASSWORD MATE

# Architecture



Backup keys natively with Git and YubiKey

# Novelty/Benefits

Manage all their passwords in not just one offline device but multiple

Multiple devices sync data with encryption by default (end-to-end encryption)

No complex setup for a cloud environment.  
Can connect to Github or Gitlab.















# Significance

User privacy and right to own and know where data is stored and used

Cyberattacks on critical cloud services or ISP

Bring power back to our users to build decentralized applications. For your mother, CEO, and the hackers here

# Competitive Landscape

	1Password	DashLane	Bitwarden	Keepass	Passmate
Multiple Account Management					
Command Line Interface					
Browser Compatible					
Fine-grained merging					
Offline-first Cloud Solutions					



# Learnings

## Technical:

- connecting Yubico YubiKey/PGP encryption
- defining UI usecases for the frontend
- defining an UI linking to the Rust backend
- balancing backend work with frontend
- first time using the taori framework

## Non-technical:

- investigation of existing password managers
- prioritize the features which will fit into time
- logo design more complex than anticipated

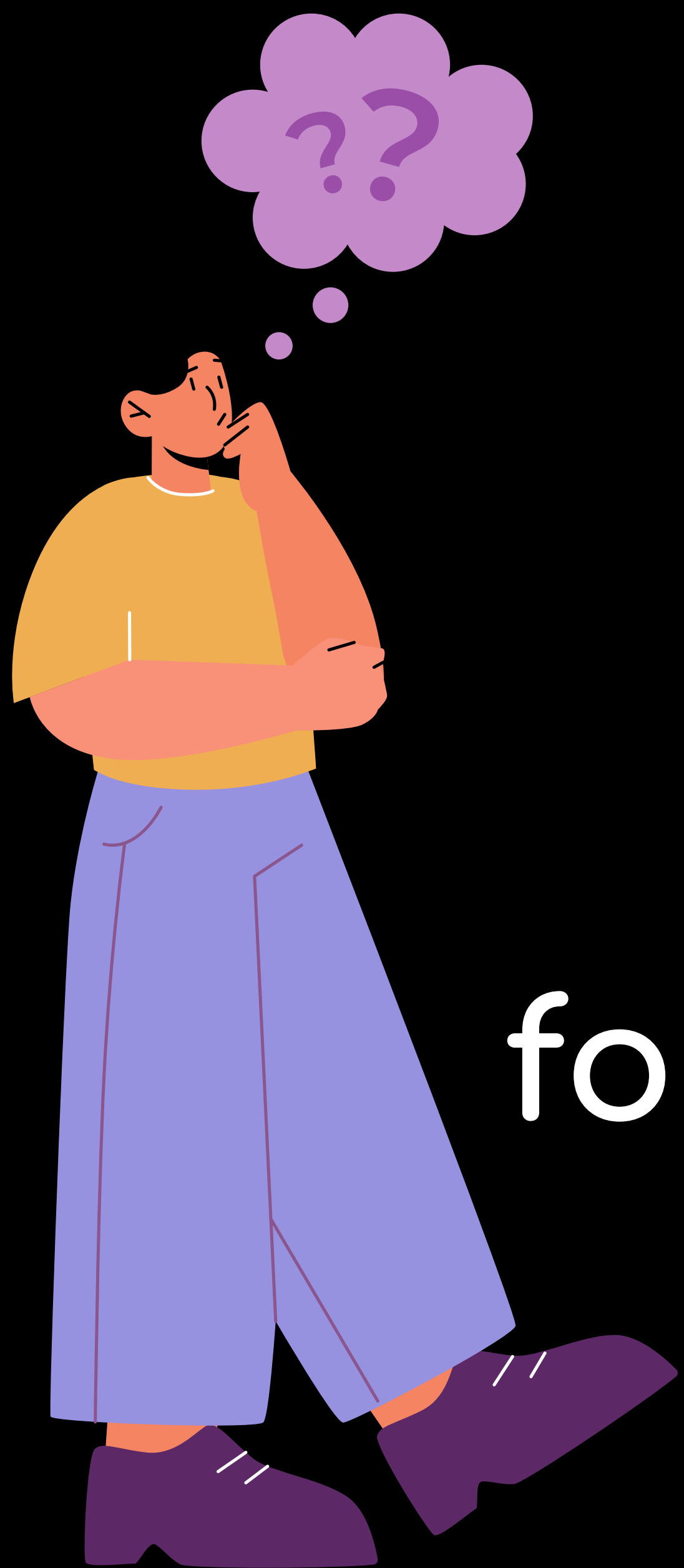




# Team



Left => Right  
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Questions?

Thank you **BASEL  
HACK** for organizing this event