

UNDERSTANDING HOW USERS PREPARE FOR AND REACT TO SMARTPHONE THEFT

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Interviewed
20 Phone Theft Victims



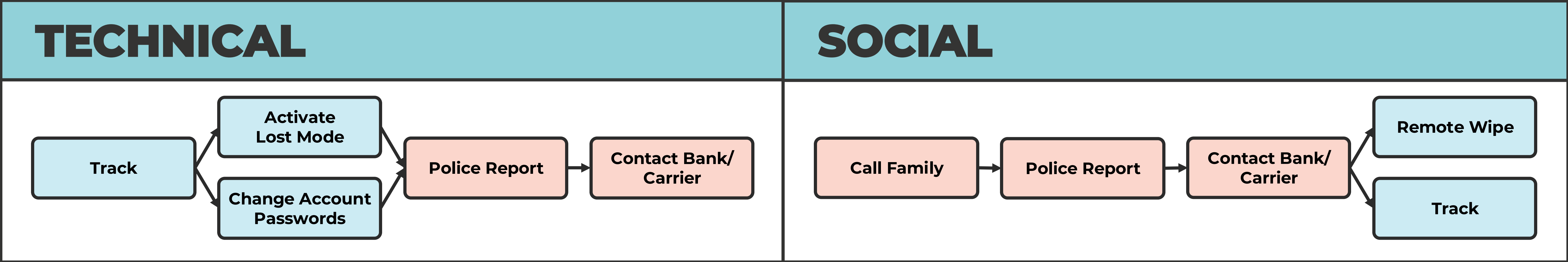
Recruitment
r/LostMyPhone,
r/iPhoneHelp, ...



Thematic Analysis
Open Coding Principles



PRE-THEFT	THEFT	POST-THEFT
<ul style="list-style-type: none">• Unprepared: Optimism Bias• Fear: Data Loss, Finances• Protection: Lock Screen, Biometrics <div> People often panic, feel underprepared, and helpless.</div>	<ul style="list-style-type: none">• Response: Tracking, Freezing Cards• Concerns: Photos, Financial Apps• Advice: Family, Friends, Forums <div> People use tracking features to restore control and agency.</div>	<ul style="list-style-type: none">• Problems: Service Access, Data Loss• Threats: Phishing, Impersonation• Misconceptions: 2FA, Remote Wipe <div> People adopt non-technical protection measures.</div>



RECOMMENDATIONS

Contextual Security

- Enforces **biometrics** for **third-party apps, photos, and services**.
- Triggered by **contextual cues** (wallet, location, calendar).



Social Recovery

- Allows **trusted contacts** to trigger **Lost Mode**.
- Drives **timely response**, improves recovery odds.



Informed Reassurance

- **Eases** hesitation to trigger locking or **remote wiping**.
- **Reduces panic**, promotes secure behavior.

