Protecting Users' Data on Smartphones Against Loss and Theft

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What if ...

Damage

- Loss of valuable data
- Revealing sensitive data
- Impersonation

Loss
96% of US population use cell phones

Source: Lookout Mobile Security, “Lost and found”, 2011
35% of US Adults owns a smartphone

THE TOP 10 U.S. CITIES FOR CELL PHONE LOSS OR THEFT ARE...

(By what percent of the city’s population has experienced cell phone loss/theft)

Source: Lookout Mobile Security, “Lost and found”, 2011

1 Miami

2 New York

3 Los Angeles

4 Phoenix

5 Sacramento

6 Chicago

7 Dallas

8 Houston

9 Philadelphia

10 Tampa
Our Approach

• Data Protection System
  – User-Centered Design
  – Requirements Analysis

• Exploratory study
  – Semi-structured Interviews
  – Online Survey