

## Accidental Bank Transaction Detec.

What could be reasons for an accidental bank transaction?

- Inputting Wrong Account Number/Phone Number
  - ↳ Someone usually transfers to phone # 1234 but accidentally
  - ↳ Usually a single digit error, although # 1235 can be multiple → SET THRESHOLD
  - ↳ Adding accidentally or extra characters
- Technical failures
  - ↳ Happen due to glitches and malfunctions.

Ways to identify accidental payment:

- ↳ Timestamp of payment
- ↳ Location of payments
- ↳ Amount being transferred
- ↳ Transaction to new entities
- ↳ Status of Bank's servers being connected
- ↳ User presses transfer button too many times.

Explanation:

Timestamp: Someone could transfer back to back accidentally within  $\leq 5$  sec.

Location: If someone buys food but transfer from school or concert

↳ Acc. more like most recent in N.Y.C and next one in Seattle.

Amount: Usually transfers \$5 - \$100, but transfers \$1000+.

Entities: Usually transfers to people in contacts, but transfers outside contacts,

Bank Servers: Outage causes bank to not receive payment info thus not displaying update.