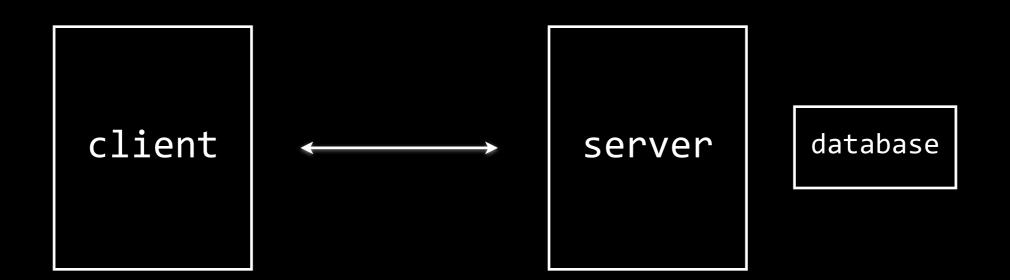
# Security & Privacy

Last Man Standing

Parsia Hakimian Kartik Thapar

## Voting Machine System



#### client: user-end software

- Authentication Screen (auth\_screen)
- Voting Ballot Screens (group\_screen)

#### server:

- Handles requests from the client (authentication, approval)
- Database read/write functions
- Handles AuditLog & Result files

## AuditLog & Result File

#### AuditLog —

#### Result File —

### Crypto

openSSL — to provide a secure connection

RSA — authenticate client, voter (server, etc.)

AES — (over SSL)

SHA — SHA256 to hash voterID and PIN; keep everything anonymous

### Backdoor

There is a backdoor.