# Fire Fighters

Public Safety Partner:
## Durham Fire Department

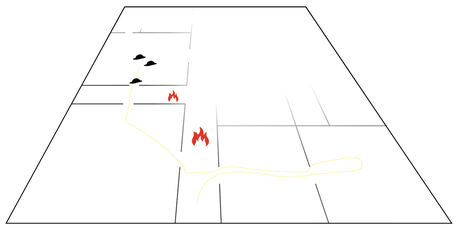
# Design and Prototyping of User Interfaces

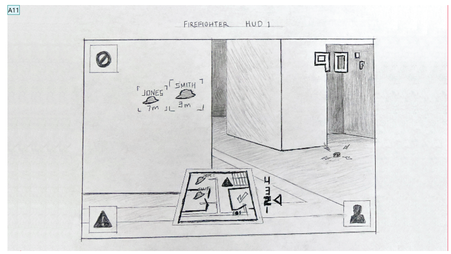
## Information Gathering

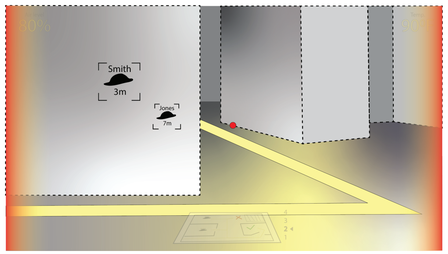
1. Interviews with the core group
2. First group meeting
3. Training Observation
4. Second group meeting

## Data analysis

## Initial User Interface Designs



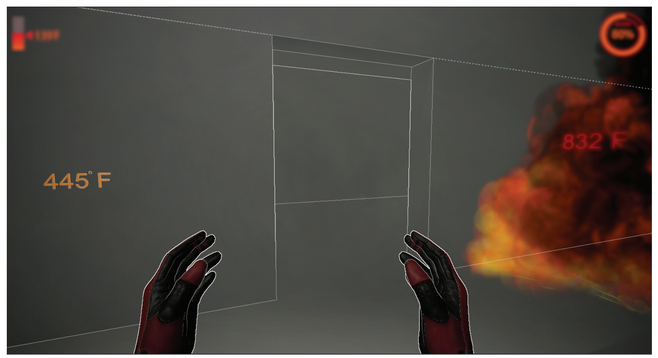



## Research Team Brainstorm

| | |
|---|---|
| Scenario | Burning commercial building |
| Key Role | Firefighter who's tasked with finding the victim |
| Task to Simulate | Search + rescue: Path finding (in and out), hazard detection and avoidance, victim detection |

## Prototype Refinement



NIST PUBLIC SAFETY COMMUNICATIONS RESEARCH PSCR

PSIAP-UI Design, Prototyping and Evaluation of Next Generation Public Safety User Interfaces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