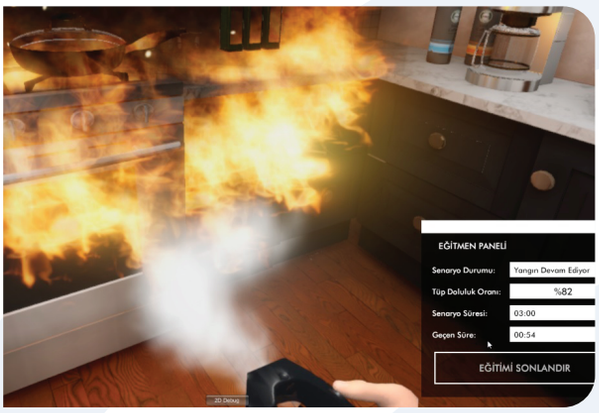
# FIRESAVR
# FIREFIGHTING VR SIMULATION

FIRESAVR is an Interactive Virtual Reality Simulation Aimed to Provide Realistic and Operational Level Training in Fighting with A, B and F Class Fire Types.

simsoft

# FIRESAVR



## System Components

## Modeling

- Physical Modeling
  - -Fire Type
  - -Burning Material
  - -Oxygen Density
- Fire Types
  - -Fire Class A: Solids like wood, cloth, paper etc.
  - -Fire Class B: Explosives and combustibles like oil fuel, thinner etc.
  - -Fire Class F: Cooking equipments etc.

## Hardware Properties

- Configurable Hardware Units
  - -VR Headset
  - -Fire Extinguisher Model
  - -Cave
  - -Projection
  - -Visualization on a Large Screen

## Ability to Manage Simulation

- Firefighting in Different Environments
  - -Office
  - -Workplace
  - -Kitchen
- Training Scenarios
  - -Use of Tube
  - -Use of Alarm
  - -Escape from Fire
  - -Fuse Closure

## Assessment and Evaluation

- Implementation of Correct Intervention Steps
- Intervention Distance
- Intervention Period

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