How To Build A Social Computer?

Social Profession Trainer
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Project Goal

- **Focus on first responders as a social profession**
  - A first responder is the first medically trained responder who arrives on scene, like a police officer, a firefighter or a paramedic¹

- **Create a trainer to support first responders in training**
  - By giving feedback about his/her reaction to a stressful situation which is simulated by our trainer
  - Optional give advice how to improve his/her reaction

What Is Stress?

transactional stress model (Lazarus, 1984)
Stress for First Responders in Training

Stress for First Responders in Training

- potential stressors:
  - chaos (many things capture attention)
  - life-threatening situation
  - time pressure
  - insecurity and fear of failure
  - physical strain
  - emotional strain

- consequences of stress:
  - direct: decreased performance (worst case: death of a person in need)
  - indirect: chronic stress can lead to disease (such as PTSD)
Training Structure

- generate stress
- simulate interaction scenario
- monitor reaction
- give feedback
Work Packages

decide what software to use

determine hardware requirements

research theoretical background

create implementation plan

generate data to create stress for the trainee

create an appraisal model

create implementation

create study plan

conduct the study

evaluate the study

creating basis for the project

planning

implementing and study planning

conducting the study
Thank you for your attention