Creation of "humane service" industries

Construction of FUWA-KIRA Space by AI sensing the mood of the conversation

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Summary :

The existing state of art automatic systems such can control lights of the rooms or automatically open and close the door when people are detected nearby. However, these systems operate purely through the detection of a person and do not consider the actual needs/will of the person. The present study, from the viewpoint of comfort and wellness, develops artificial intelligence to read and understand people's feelings from the "atmosphere of the room" (i.e., the mood of the people in the room) detected from speech and biological information, and constructs a space that integrally controls/tunes the lighting, music, temperature and scent for relaxation. Based on this, we aim to create new systems that will reduce stress, improve intellectual productivity, and promote sympathy.

System Inputs:
Information of people in room(utterance or biological cues)

System Goals
- Stress Relaxation
- Improvement of intellectual productivity
- Promotion of sympathy

Target implementation level:
Automatic and Immediate optimization.

Target locations:
Cafes, hotels, offices, and educational facilities

Collaborative Stakeholders:
Construction companies (system setup), electrical equipment manufacturers(integrated controls)

UEC Propriety technology:
AI capable of capturing mood of the room, Sensing technology