

Reproducible evaluation on our sequential states for social improvement

R&D Project Title: AIoT-based visualization of Ecological Well-being for future Health Management

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Summary :

This project establishes a method to objectively monitor individual's well-being in daily life (ecological well-being estimation) using AIoT technology, which is the integration of Internet of Things (IoT) and artificial intelligence (AI). In this project, we conduct the following studies.

1. We construct an IoT cloud system capable of monitoring psycho-bio-behavioral data in daily life and collect fundamental data for research promotion.
2. We develop an objective estimation technology for depressive mood in daily life based on psycho-behavioral computing and realize its visualization.
3. We develop an objective estimation technique for anxiety in daily life based on ecological affective computing and realize its visualization.

Finally, we will realize individual AIoT-based management that adaptively supports worker's ecological well-being promotion.

