

The VISOR project: Virtual coaching Services for Older adults

Ioannis Vernikos, Eirini Mathe, Alexandros Mitsou, Evaggelos Spyrou

Computational Intelligence Laboratory (**CIL**), Institute of Informatics and Telecommunications National Centre for Scientific Research – “Demokritos” Athens, Greece



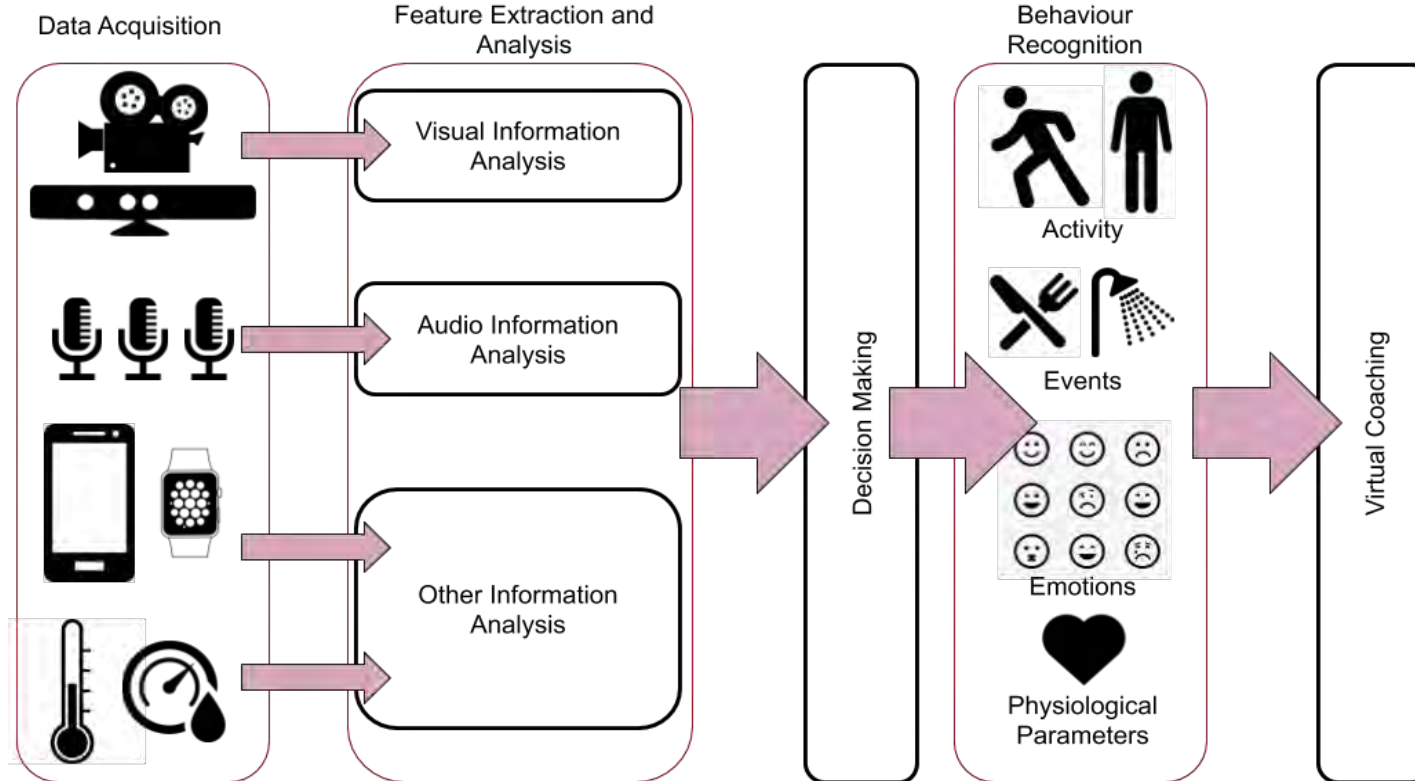
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Virtual Coaching and the VISOR project

- VISOR aims to provide virtual coaching services for the elderly people leading them to a better lifestyle
- Decision support system will gather information from sensors, to identify patterns of behavior, health issues and emotions
- Using smart app, personal alerts will be provided in mobile phones and smartwatches of users
- Internet-Of-Things architecture will be used and the novel behaviour recognition algorithms will be implemented as exposed web services, running on the cloud

VISOR overview



Current results and future work

- In the case of emotion recognition, we managed to achieve accuracy up to 86% in four challenging emotion audio dataset
- In human activity recognition from video, we managed to achieve accuracy up to 86% in the challenging and large-scale PKU-MMD dataset
- Investigation of emotion and behaviour recognition algorithms
- Contribution to feature extraction, fusion and classification
- Investigation of expert systems with possible cross-domain application
- Use cheap devices

thank you