

Health Partnering Day 2016

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Health-related topics: ICT,
SSH, Food Security



Use of Virtual Reality to Improve Awareness about Well-being and Health

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Company expertise



Izmir University of Economics (IEU) was established in 2001 by " Izmir Chamber of commerce Education and Health Foundation " in Izmir/Turkey

- **The basic values of the institution:**

Participation, Innovation, Social Responsibility,
Perfectionism



- **The university;**

- has 8 faculties, 2 schools
 - 3 vocational schools, 3 graduate schools, 9 research centers
- offer 20 different associate degree programs, 35 different undergraduate programs, 45 different graduate programs and 9 different PhD programs.
 - Seven of the undergraduate programs being offered are dual diploma programs executed jointly with the USA-SUNY New York state University.

- **Faculty of Medicine** is the new faculty of IEU, with highly qualified medical experts.

Project idea

- Virtual reality (VR): “in-silico” simulation of a real situation.
- Application of VR technologies to basic health concepts with the aim of increasing the awareness of wellbeing and health.
- Use these concepts as educational tools for the young as well as for the society.
- Simulation of the relation between nutrition and health conditions such as obesity, depression, etc. could be helpful for improving the knowledge of well-being and its association with life circumstances.
- Within this project, we are ready to give support in medical knowledge and concept design and we look for partners who have experience in VR and 3D applications.

- Effective collaboration among partners in areas of medicine, software and computer engineering as well as expertise in virtual reality is required.

The topics we are interested in are;

Virtual reality, 3D technologies, software engineering

Keywords:

Virtual reality, 3D technology, well-being, health, nutrition

Impact of Virtual Reality

- Virtual Reality (VR) and Interactive 3D solutions for education is known to increase both the attention and the conceptual comprehension of people.
- The use of these technologies for increasing awareness of health and well-being is a hot topic since it;
 - enables people to understand the complex concepts better
 - gives them an opportunity to experience active rather than passive learningwhich in turn would expected to increase the awareness of health and life-quality.



Contact details



Thank you!

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