

H2020: ASIL

Health - Assistant in living

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ASIL

- Project **ASIL** (Health Assistant in living)
- ASIL is a new way to take care for people:
 - Who suffer from some kind of disease
 - Elderly ones
 - People with disabilities
- This system is capable to monitor condition of person
- Also is capable to inform their family members about their condition

MOTIVATION

- In Serbia 20% of population is older than 65 years
- According to the World Health Organization
 - The elderly population would outnumber the children by 2050
- In addition about 15% of the world's population
 - Suffers from various disabilities
- 110-190 million adults having significant functional difficulties

EXISTING SOLUTION

- There are various types of
 - Pressure devices
 - A blood glucose monitors
 - Thermometers for temperature
 - Oximeters
- There are also various types of applications
 - That can help you to storage the measured results
 - Get some kind of analysis of your condition
- But there is no system that offers you both

ASIL

- ASIL contains:
 - Software application
 - Certain devices

Software application is able to:

- To connect to different types of devices
- To collect the data
- To store data in cloud system and to analyze them
- To send information to users
 - Periodically
 - On request
 - In emergency situations

Devices

- Medical devices
 - Pressure devices
 - A blood glucose monitor
 - Thermometer for temperature
 - Oximeter
- Other
 - Motion sensors
 - Cameras
 - ...

OUR GOAL

- To help families with members
 - Who suffer from certain kind of illness or have older members
- To help all the associations that are
 - Working with elderly
 - Working with disabled people
- To expand our awareness that assistance to elderly people is necessary
- To help the governments to reduce the costs of that assistance

OUR GOAL

- Once the project is accepted in our country
- We want to present this project to all:
 - Ministries of Health in Europe
 - Organizations of Health Care Services for the Elderly people
 - Medical institutions

OUR PARTNERS

Participant No *	Participant organisation name	Country
1	University of Belgrade School for Mathematics	Serbia
2	Medical University of Vienna	Austria
3	Qivicon	Germany
4	Vivo Smart Medical Devices	United Kingdom

OBJECTIVES

1. Purchase all types of equipments
2. Design and develop a microchip for medical devices
3. Designing an information system
4. Developing the information system
5. Testing our product

WORK PACKAGES

Work package No	Work Package Title	Lead Participant No	Lead Participant Short Name	Person Months	Start Month	End month
WP1	Project management	1, 2, 3, 4	MATF, MUV, QC, VIVO	48	M1	M24
WP2	Get all equipment	2, 3, 4	MUV, QC, VIVO	15	M1	M2
WP3	Design and develop microchip	1, 4	MATF, VIVO	80	M2	M8
WP4	Design information system	1	MATF	60	M3	M5
WP5	Develop information system	1, 3	MATF, QC	144	M5	M18
WP6	Testing the project	1, 3, 4	MATF, QC, VIVO	48	M18	M22
WP7	Exploiting	1, 2	MATF, MUV	30	M22	M24
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The background features abstract, overlapping green geometric shapes, primarily triangles and polygons, in various shades of green, creating a modern and dynamic visual effect.

THANK YOU FOR
YOUR ATTENTION