HORIZON-HLTH-2024-STAYHLTH-01-02-two-stage

Sparta Technologies Ltd t/a Mindar

Proposed Approach: Biomarkers, games and mental health

Our approach is to encourage young people in understanding and managing their mental health openly in society without stigma. We propose a mobile voice based app using biomarkers and games to investigate if voice based biomarkers for mental health improve interventions and efficacy compared to existing methods for young people.

We are in scope of the above programme in tackling how young people, aged 10 -25 years, can be engaged in managing their own mental health for stress, anxiety and depression issues. We have developed a proof of concept using AI for voice-based biomarkers, which needs more research and testing with a cohort of young users of various age, sex and ethnic backgrounds. Voice-biomarkers offer potential insights and interventions that are non-intrusive, very accurate that can be very personalised and user-focused.

We wish to collaborate with researchers with clinical expertise or experience in conducting meditec trials, have access to young people to test mental health as well as the ability to disseminate in journals and at conferences..

Organisational Capabilities

We are an experienced software developer. We bring cross border project and software development and understanding to the consortium with user-centric design, Artificial Intelligence and Machine Learning tools as well as creative mobile platforms.

We are a UK based SME. The benefit for us would be develop a commercial service based on research and biomarker outputs and testing voice and gamification for young people.

EU project experience

Previous partners
Engineering Ingegneria Informatica
Poste Italiane
Rome Council
Everis
Technalia
City of Nova Sad
Manchester City Council
Sheffield Council
City of Sevilla
City of Santander
CISCO and BT

Some previous projects

STORM

Simpatico

cityverve

Current academic collaborations

1. Professor Nusrat Husain
Director Research Global Mental Health, University of Manchester, and member of Merseyside Mental health Trust for young people.
2. Professor Bruce Edmonds, Director of the Centre for Policy Modelling.
3. Dr Peter Smith, AI Foundry.
Manchester Metropolitan University.
4. We plan to attract major thought leaders once the project starts.

Administrative Information

We are planning to be partners

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