

SMARTPHONE BASED POSTURAL STABILITY MONITORING SYSTEM FOR FALLS PREVENTION IN THE ELDERLY



Agenda

Present

- The Project
- First Year Overview
- Research Investigations
- Summary

Plans

- Introduction to Digital Health
- Product Overview and Challenges
- Development Roadmap
- Research Environment
- Research Outlook and Roadmap

The project

"SMARTPHONE BASED POSTURAL STABILITY MONITORING SYSTEM FOR FALLS PREVENTION IN THE ELDERLY"

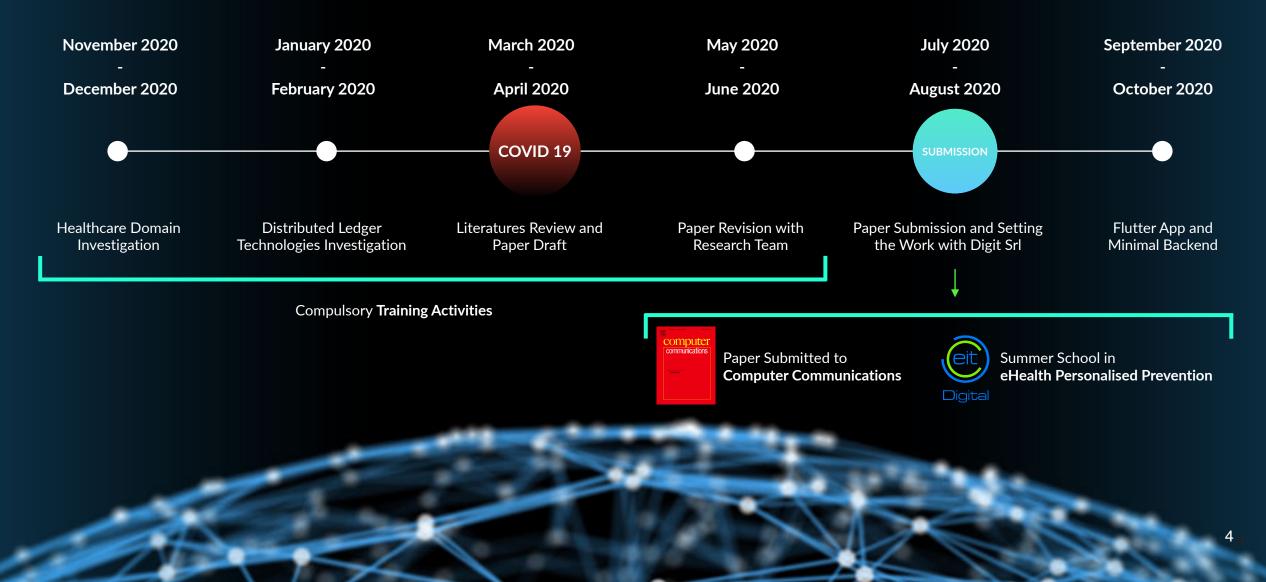
R&D Partners





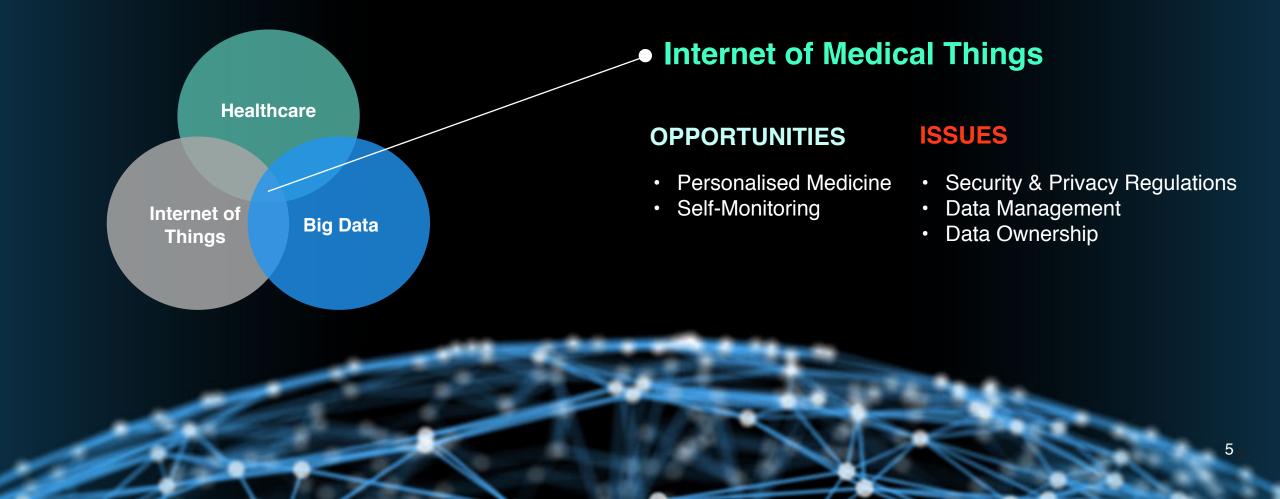


First Year Overview



Research Investigations

Investigating the Domain



Research Investigations

Investigating Available Solutions

Centralised Systems

- Central Authority
- Providers have the Power
- Providers Dependent
- Mature



Distributed Systems

- Flexible Authority
- Decentralised Power
- Peers Dependent
- Stable



Fully Decentralised Systems

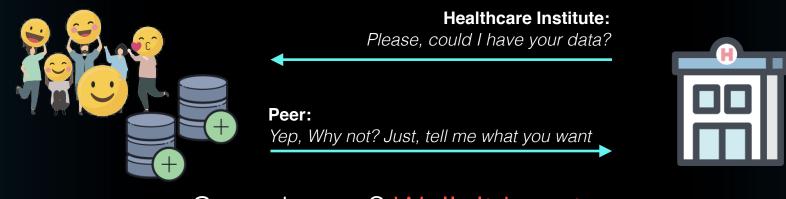
- No Central Authority
- Peers have the Power
- Peers Dependent
- Recent



Research Investigations

Forward a User Centric Data Management System Approach for Healthcare

"Peers have the Power!!!", Patty Smith, 1988



Sound easy? Well, It is not

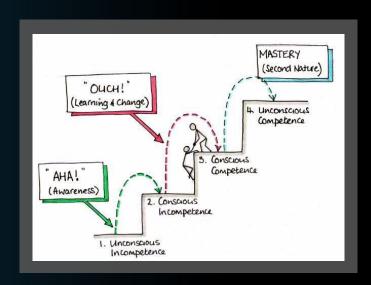


A Review on Blockchain for the Internet of Medical Things: Definitions, Challenges, Applications, and Vision

Authors: Bigini G., Freschi V., Lattanzi E.

Summary

Learning Phases



Results





Distributed Ledger Technologies



App Development



EIT Certificate

