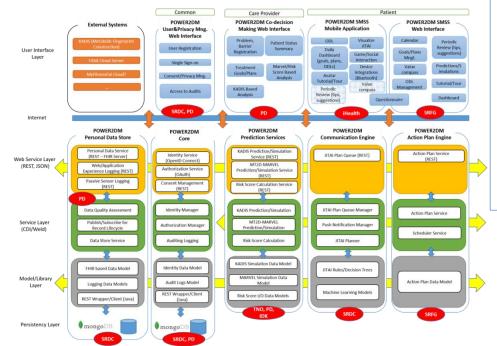




PHC 28 – 2015: Self-management of health and disease and decision support systems based on predictive computer modelling used by the patient him or herself - Funded by EU-H2020 contract No-689444

Predictive model-based decision support for diabetes patient empowerment

Conceptual Design



Key Features

- Innovative technologies
- Predictive models
- Real time personal data processing
- Theories of behavior change, selfmanagement, Cognitive Behavioral Therapy
- Just in Time Adaptive Interventions
- Psychosocial barriers diabetes selfmanagement
- Patient-physician communication
- Personalization of support
- Applied in clinical setting

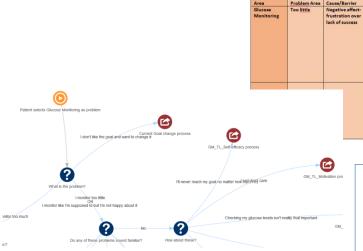


personas, scenarios, storyboards





Abbot FreeStyleLibre Flash Glucose Monitor; iHealth Wireless Smart Glucose-Monitoring system; Fitbit HR Charge 2; iHealth Wave - Activity, Swim and Sleep tracker; The Spire



analysis of the layers of diabetes selfmanagement goals and psychosocial barriers in order to provide the right support at the right place and time

value → goal → action

Prediction models



Institut für Diabetes for life Leiden University M C Medical Center Servicio Andaluz de Salud CONSEJERÍA DE SALUD primedata

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