

Self-adaptive Intelligent e-Health Apps

Eoin Martino Grua – e.m.grua@vu.nl

? PROBLEM

- | Available e-Health apps give users feedback in a manner that is too rigid: the rules are the same for all users.
- | Future e-Health apps should be able to personalise the experience for each user individually.

RQ1

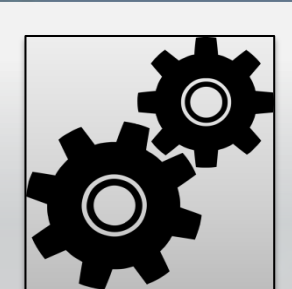
How can we achieve personalisation within an e-Health application domain?

RQ2

What type of software practices are relevant in e-Health whilst creating a self-adaptive personalised mobile-application?

RQ3

How can we design the software of a self-adaptive personalised e-Health mobile-application?



METHODOLOGY

- | Use clustering techniques to aid personalisation via reinforcement learning.
- | Empirical study to analyse the use of software self-adaptation in e-Health apps.
- | Design and implementation of software framework