

Mobile Interaction Design for Health Care Apps

Carola Trahms, Britta Hesse, Jan-Niklas Antons

Project area 1: Game content creation and/or implementation for existing health care iOS / Android app

RehaTab -> rehabilitation (stroke patients)

DemTab -> professional care at home (dementia patients)

AmbTab -> honorary care at home (dementia patients)

Project area 2: Extension of existing health care iOS / Android app

Heartrate monitoring using apple watch (external sensor)

Motion recording and classification (internal sensor)

Project area 3: Evaluation of existing “health care” iOS / Android app

Neuroletti -> measurement of cognitive and motor skills

Project area 4: Programming new health care iOS / Android app

QuarterTab -> connecting elderly in one quarter (elderly)

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Course requirements

- Regular active participation (1 full day per week)
- Development of a prototype/software/illustration
- Scientific evaluation of implemented work
- Written final project report
- Demonstration of functional prototype

Comments

- Registration (for project topic with us)
 - Send a mail asap to carola.trahms@tu-berlin.de from your official university mail address
 - Include full name, matriculation #, course of studies, BA/MA, semester #, motivation (5 sentences max, including preferred project area), your strengths (realistic estimation, top 3)
- Registration (Prüfungsamt /Qispos)
 - Mandatory before October 28.
 - Send s mail with screenshot of registration to carola.trahms@tu-berlin.de from your official university mail address