



Project HealthDesign: Rethinking the Power and Potential of Personal Health Records

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Transforming the Health Care System:
Improving Quality and Increasing Value

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Project HealthDesign: Background

Rethinking the Power and Potential of Personal Health Records

- Developed to stimulate innovation in personal health information technology
- RWJF's Pioneer Portfolio
- 9 (Round 1- 30 months) + 5 (Round 2 – 24 months) multidisciplinary grantee teams of technology, health, and design experts
- Design and test prototypes of bold innovations for personal health applications

Project HealthDesign: Challenge

- How was Project HealthDesign different?
 - Cooperative design & development of innovative applications aimed at stimulating action
 - Focused on patient as key user of health information technology
 - Collaborated in a structured effort to design and test innovative applications before prototyping tools in communities
 - Engaged intended users early and often
 - Confronted (and sometimes resolved) ethical, legal & social issues

Project HealthDesign: Sampling of Projects

- BreathEasy – Smartphone app for managing asthma in a low-income population
- Chronology.MD – Patient narrative via Smartphone to manage Chron's disease
- dwellSense – Monitoring the routines of elders at risk for cognitive decline via embedded devices
- Estrellita – Collecting information from high risk infants and their caregivers using the Fussy-o-Meter mobile app
- iN Touch – iPad Touch app for low-income teens managing obesity

Project HealthDesign: Lessons Learned

- Lay people (patients) employed a range of rich personal health management techniques
- User demand for day-to-day data (observations of daily living, ODLs) exceeded the need for static clinical record data
- Feasible to collect and store ODLs in a PHR, providing individuals with opportunities for better informed and higher quality health care
- The real value of PHRs lies not in their role as effective records, but in the action they enable – the *care-between-the-care*

Project HealthDesign: Additional Info

- Journal of Biomedical Informatics Special Issue
 - Volume 43, Issue 5, Supplement (2010)
- Personal and Ubiquitous Computing Special Issue
 - August 2014
- projecthealthdesign.org
 - Blog, final technical reports, other artifacts

Project HealthDesign: Acknowledgements

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Grantee Teams

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