Medication Adherence Support System (MASS) – Future Project Suggestions

Note: Please see MASS Conceptual Architecture for context.

Project 1 - Refactor MASS Patient Facing App and enrichen and finish use case development. (Will require strong Android development skills)

Project 2 – Build out centralized database to house a variety of third party data sources. Include a repository for MASS Patient App Usage data, MASS Patient Medication Administration/Compliance information, and Patient Demographic data.

Project 3 – Build alpha version of two-part analytics model – first the structural factors model (survival model with mixed effects), and second the dynamic events model (to respond to incoming information and index medical adherence propensity up/down daily.

Project 4 - Develop Propensity Score Matching capability to be able to measure efficacy of interventions/policy updates.

Project 5 – Enrich/modify central data store. Refine/complete project 3.

Project 6 – Build Public Health Professional UI v0.5

Project 7 – Build Provider UI v0.5

Project 8 – Build Intervention Management System v0.5

Project 9 – Build Power User UI v0.5

And many more!

Other suggestions worth considering:
1. Turn this into an Open Source project?
2. Don't do the pill-minder app dev, but rather partner with someone who has a great app and convince them to add in the features we're after here.