**Problem & Rationale**

Patient accessible electronic health records and other health data systems generally require a large information technology infrastructure, are costly to deploy, and are thus out of the reach of many patients, especially patients with chronic or acute illnesses and diseases.

An electronic system that is portable and based on existing technologies is needed for patients to better track their health data and compliance, as well as to identify adverse data.

A mobile application that tracks this information for patients with chronic illnesses and diseases is needed because it could solve this problem.

**Methodology**

- Patient/Medical Provider User Survey
- Literature Review
- Competitive Analysis
- User Profiles
- Use Scenarios
- Wireframe
- Mockup
- User Testing

**Need**

- Portable monitoring
- Nothing currently exists
- Numerous illnesses/diseases to manage
- Customization
- Current solutions costly
- Patients not receiving the care they need
- Multiple physicians/providers
- Patient forgets to track information

**Issues**

- FDA Medical Mobile Applications Guidance Document
- Low medical reliability of mobile applications
- Privacy and Security
- Terms of Use & Disclaimers
- HIPAA – Individually identifiable health information
- User Experience – Diverse user group

**Next Steps:**

**Phase 1:** Complete Design and User Testing
**Phase 2:** Development
**Phase 3:** Approved and Added to Application Stores
**Phase 4:** Promotion to Health Care Providers
**Phase 5:** User Training
**Phase 6:** Maintenance, Expand Capabilities, Advertising/Partnerships