

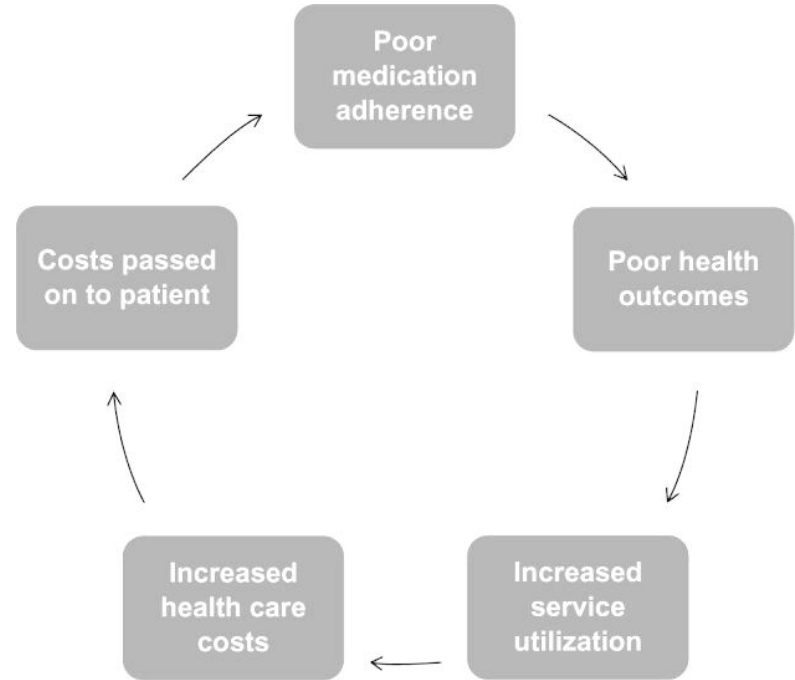
PillPal

3rd Place PennApps Hack '16



Problem

- ❖ **Medication adherence leads to:**
 - Decreased overall cost of healthcare
 - Increase health & wellness
 - Consistent patient outcomes
- ❖ "Nonadherence rate is 50% among those with chronic illnesses." — *World Health Organization*



1. <http://www.cdc.gov/nchs/data/hus/2014/085.pdf>

2. Sokol, M. C. M. (06/2005). *Medical care: Impact of medication adherence on hospitalization risk and healthcare cost*. Lippincott Williams and Wilkins.






3. Graphic via: [National Library of Medicine](#)

Solution - Current Product

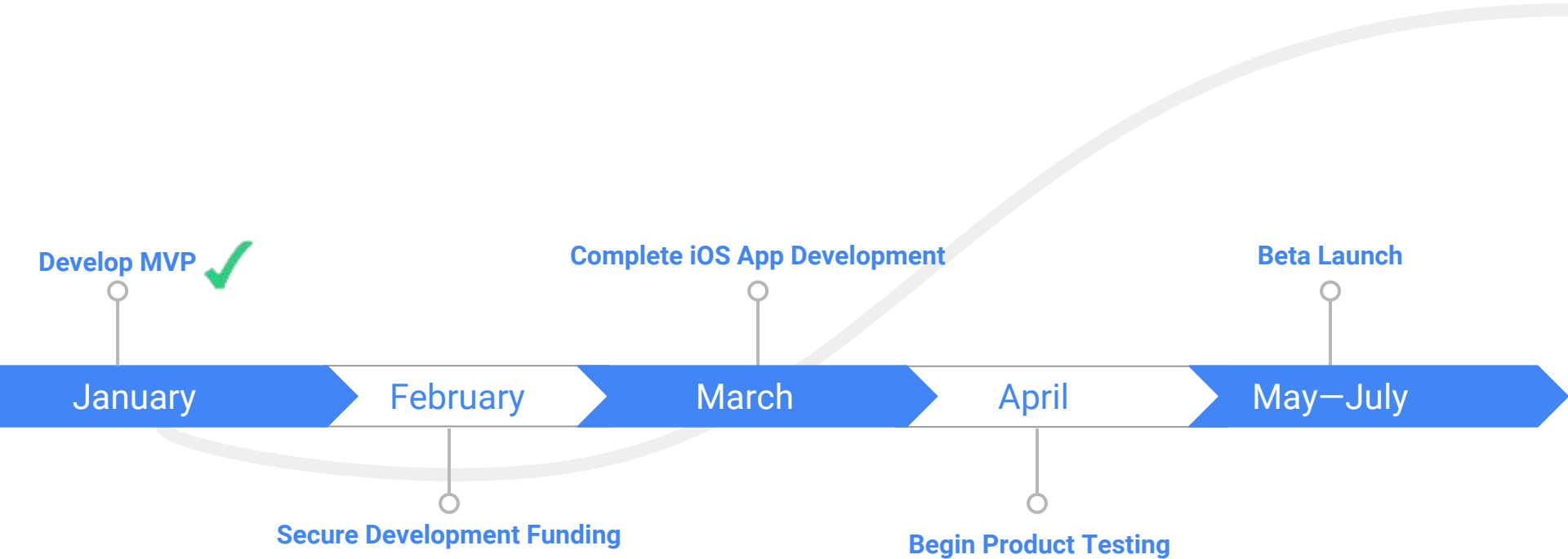
- ✓ Ability to dispense pills via bluetooth controller
- ✓ User-friendly interface
- ✓ Ability to house up to 4 unique prescriptions
- ✓ Sleek, easy-to-clean contours



Competitors

Competitor	Target	Subscription	Smart Device	Auto-Notify Loved Ones	In-App Pill Information
	B2C	✓	✓	✗	✗
AdhereTech 	B2B	✓	✓	✗	✗
	B2C	✗	✗	✓	✗
	B2C	✓	✗	✗	✗
	B2C	✓	✓	✓	✓

Product Development Timeline



Team

Elizabeth Silvestro
SEAS '16
Hardware



Phil Hu
Wharton '17
Product



Ernest Tavares
Wharton '16
Business Dev



Sean Lynch
SEAS '16
Software Dev



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SEAS '17
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