**PillBox**

**Project Overview**

PillBox is an app and service designed to help families keep healthy together by leveraging text based reminders and web services that monitor user responses to whether they have taken their medications or not. This information is compiled and sent weekly to the user’s friends and family. The data is also viewable through the secured web application.

**Mission**

Keep Your Loved Ones Healthy. Together.

Help families stay healthy. Together.

Build technology that helps families stay healthy. Together.

**Strategy**

Over $300B is wasted every year in the US in unnecessary medical expenses because of people not taking their medications as prescribed. 70% of medication non-adherence is accidental, meaning that most patients want to take their medications, but they either forget or run out. This means that medication non-compliance is largely a fixable problem.

Furthermore, since 85% of people requiring care receive it from family and close friends, we want to empower family and friends to keep their loved ones on track with their medications. By providing a service that engages family, friends and patients, and delivers the information relevant to keeping them healthy, PillBox will become the center of our conversations about the health of our loved ones.

We will initially focus on family-oriented middle-aged women who are likely already taking care of aging parents or in-laws, and helping them with their medications. These women are the center of all three generations of their families and they take very seriously the responsibility to keep everyone healthy and happy. For them, paying a small monthly fee for PillBox is worth the peace of mind that they are fulfilling this responsibility.

Interactive SMS and automated calls allow family to interact with the service without the need for a smartphone or technical knowhow. This allows PillBox to have impact far beyond any of our competitors, while leveraging the power of a cloud connected service to deliver rich analytics, gamified incentives, and engaging group communications.

The key differentiator of the PillBox service is the ease with which is fits into your relationship with your loved ones. PillBox will seamlessly move medications from the center of your relationships to the background, allowing you to focus on the parts of life that really matter, while you keep your loved ones healthy.

**User Stories**

As an Admin

I should be able login to the system

I should be able to add PilllBox Users

I should be able to delete PillBox Users

I should be able to add Medicines for PillBox Users

I should be able to delete Medicines for PillBox Users

I should be able to Edit PillBox Users

I should be able to view all current PillBox Users

I should be able to access a Datafeed with all PillBox users’ compliance values

As a System Admin:

I should be able to view a log of medicine sent and responses

As a PillBox User:

I should be able to view what medicines are in my PillBox

I should be able to edit the medicines that are in my PillBox

I should be able to view my progress for the current week

I should be able to view the people I am I caring for profile

I should be able to see the people that are cheering me on

I should receive a weekly summary of my compliance

**Target Environments**

Mobile

Web App

Web Service

**Application Technologies**

Ruby on Rails

.NET Web API 2

.NET MVC 5

Twilio

Cordova\HTML 5 Cross Platform