

Project Charter

<i>Project Title</i>	Medication non-adherence Solution	<i>Process Impacted</i>	The way patients, insurers, doctors, and caregivers interact with a patient's medication regimen
<i>Start Date</i>	February 24th, 2017	<i>Organization/Department</i>	IT
<i>Target Completion Date</i>	April 25th, 2017	<i>Champion</i>	Dale Danilewitz

	Description	
1. Project Description	<p>Medication non-adherence is a \$300 billion problem for the healthcare industry. It has negative implications for the patient especially with an estimated 125,000 deaths annually. Non-adherence can result from the patient forgetting to take their medication, taking it not as prescribed, or discontinuing use early. There is currently no single solution available that integrates the patient, caregiver, insurer, doctor, and pharmacy. To effectively address the issue, our solution will give the patient an interactive experience that includes the caregiver, doctor, and pharmacy; this solution will also share data with insurance companies who will encourage patients to use it through economic incentives.</p>	
2. Project Scope	<p>Our team will effectively integrate the patient's medication regimen into an interactive experience that seeks to increase adherence by utilizing an application and conveniently packaged medication; also data sharing with caregivers, doctors, pharmacies, and insurers will</p>	

	increase visibility to the problem and help identify non-adherence on an individual patient level. T	
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1. Project Goal and Deliverables

The goal of this solution is to increase patient adherence, provide cost savings for the insurer and doctor, and boost sales for the pharmacy. The goal is also to increase visibility into a patient’s medication regimens by providing adherence data to the patient, doctor, pharmacy, and insurer. The insurer will likely be the channel used to integrate the solution into the healthcare industry by offering patients economic incentives to utilize it.

The deliverables for the project are:

- A research paper outlining the business case, an analysis of the current competitive environment, and our recommended solution.
- A swimlane of the process flow for our recommended solution.
- Diagrams illustrating how data will flow when the app is utilized.
- Diagrams on the proposed packaging for the medication.

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4. Business Results Expected	Complete a thorough analysis on the competitive environment and propose a solution that can be used by insurance companies to increase patient adherence by offering incentives for the patient's use of the solution.		5. Team members	Our team is composed of four people: Samantha Talarico, Heather Makwinski, Joshua Michalik, and Michael Ingram.		6. Support Required	Since this project is researched based the only support needed will come from our sponsor, Dale, in order to ensure the research produces the desired results. Dale will periodically give feedback on our research and proposed solutions until a decision is reached for a final recommendation.	
7. Customer Benefits	The anticipated benefits will fall onto all users of the solution; The patient will increase adherence and receive the benefit of taking their medications as directed without worrying about forgetting or incorrectly taking doses. The patient should also likely be given economic incentives by their insurer to adhere to their medication regimens. The caregiver(s) will be provided with real time updates on whether or not a patient has taken their medication at the correct time. The pharmacy will increase sales through increased prescription refills. The doctor will be given visibility into a patient's adherence habits. The insurer will save on costs that result from patient non-adherence and also get access to data on patient adherence at the individual level.		8. Technology Architecture	We will illustrate our solution though swimlanes and diagrams made with Visio. If the solution were to be produced, an application would have to be built along with the medication packaging.				

