

<p>1. CUSTOMER SEGMENT(S) CS</p> <p>Patient or elder's medication have to deal with sorting huge amounts of pills each day and they have to take their medicine on time without getting late to avoid serious problems. The persons who seeks these kind of help are our customers.</p>	<p>6. CUSTOMER LIMITATIONS CL <small>EG. BUDGET, DEVICES</small></p> <p>First, some solutions involve expensive devices such as body sensors, medicine package, among others, increasing the solution cost. some of them present a limitation in terms of scalability and flexibility regarding devices, services and application. some systems do not present solution to deal with latency, response time, and data processing .</p>	<p>5. AVAILABLE SOLUTIONS AS <small>PROS & CONS</small></p> <p>PROS: The solution employs only low-cost and easily accessible technologies (both hardware and software) facilitating its use in any community where budget is a concern. the proposal is based on a robust architecture that facilitates the implementation of useful services such as security, interoperability, scalability, performance, data processing, data storage, in a distributed fashion. CONS: We need internet for storing patient health care data. The capacity of the battery can be done is more efficient way. We need manual support to refill the medicine box.</p>
<p>2. PROBLEMS / PAINS PR <small>+ ITS FREQUENCY</small></p> <p>Taking an incorrect medicine or not taking medicine at all, may expose the patient to several dangerous situations, ranging from mild health issues up to death. Usually there are wide range of different pills an elderly has to take at different times. Keeping track of taking the right pill at the right moment each day can become a challenging experience for the elderly. The patient needs to be present at the doctor's office to analyze the medical records, images, etc, in any emergency cases due to non-recording of the physiological parameters and general parameters about the health of the elderly periodically.</p>	<p>9. PROBLEM ROOT / CAUSE RC</p> <p>Many older people live alone, some with disabilities, who find it difficult to take care of themselves. Delaying their medication or at the wrong time can lead to potential health problems. With increasing number of nuclear families in today's world, situations arise where one has to leave their un-well elderly parents/parent or sick patients at home and has to face the world for earning their bread and butter. These elderly people and other patients suffering from various diseases need a constant medication.</p>	<p>7. BEHAVIOR BE <small>+ ITS INTENSITY</small></p> <p>The result of our system provides fast curing of patient health by using our advantageous system. There can be a lot of individuals out there who need constant help – may it be our elderly people, family members, the ones who have special needs. These people apparently need the kind of care which most busy family members cannot provide. Some people may forget to take the medicines at the correct time and can forget the medicines which they have to take. So in order to help them with this liability we have developed this project. The people are provided a smart med box on which there will be a display which notifies the people about the medicine. It comes with one more feature that when the person is feeling uneasy or in case of some emergency he can notify the people by pressing the button on the device. There are different buttons, one is used to notify the doctor and the other one is used to notify family members about the emergency.</p>
<p>3. TRIGGERS TO ACT TR</p> <p>Although, there have been significant advances in hardware, software, and network technologies, the health care field has not taken advantage of these developments to solve many of its problems. Therefore, advanced technical solutions are now urgently needed to address the problem of aging, especially in the field of health care.</p> <p>4. EMOTIONS EM <small>BEFORE / AFTER</small></p> <p>IOT is considered among the most promising technical revolutions of our age. IoT is actively applied to monitor the patients' health care, seeking to improve their life's quality. IoT is getting a wide acceptance in different aspects of our life.</p>	<p>10. YOUR SOLUTION SL</p> <p>“Medicine Box” which helped the patients in medication remainder and storing the patient's medicine intake details. In accordance to current technology this project endeavour to make a “Smart Medicine Box” for medication with multiple compartments to assist the patient to take medicine at right time through alarm reminder. Biological signals, such as ECG and electroencephalograms (EEG), are the most commonly used vital tools for monitoring patients' physical condition and diagnosing diseases. A desirable wearable bio-sensing device for continuous measurement should be ideally ultra-thin, small, and lightweight. Furthermore, users can configure the schedule time of their medicines. we can configure the alarms and enable data visualization about the configuration, box state, and slots status.</p>	<p>8. CHANNELS of BEHAVIOR CH</p> <p>ONLINE</p> <p>Customers get stored data any time and use it for further emergency situations using cloud technology which needs internet to access data(online).</p> <p>OFFLINE</p> <p>We cannot access resources/data without using internet which is our drawback. We have to fill the pill boxes manually without using any online platform or need.</p>