

Topic: Registration App for Hospitals		Author: Raul A. Adames Mercado		Date: 08/29/2022	
<p>Problem Background</p> <ul style="list-style-type: none"><li>• Since we had the COVID situation, the number of people admitted to a hospital has been controlled due to health issues. This means that many people must wait outside and/or make long lines to enter.</li><li>• This problem makes people must stand for a long period of time and sometimes even under a ray of sunlight which causes great pressure on people in line.</li><li>• Some of these are older people who require a little extra attention because of health issues or age it makes it a little more difficult for them to stay in line.</li></ul>			<p>Countermeasures</p> <ul style="list-style-type: none"><li>• Build a "virtual line" system in which the patient does not have to be physically in the place.</li><li>• The phone number will be used to contact the person at the top of the list.</li><li>• The system does not require the use of advanced and expensive devices.</li><li>• The system will have a friendly user interface so that everyone can use it without any difficulty.</li></ul>		
<p>Target</p> <p>The target is to create a platform that allows people to register by saving basic patient information such as phone number, name, etc. Once the information is stored, a list of waiting patients will be created, thus creating a "virtual queue" so that people who could not enter the hospital because it was at its maximum capacity can wait for their turn in a comfortable place such as in their car. thus, avoiding the conglomeration of people and thus allowing a little comfort to people. Once an available space is found inside the hospital, the platform will contact the person at the top of the list to enter the hospital.</p> <div><div>Hospital</div><div>←</div><div>Jorge Queue 1-3</div><div>←</div><div>Juan Queue 2-3</div><div>←</div><div>Pedro Queue 3-3</div></div>			<p>Check/Evaluate</p> <ul style="list-style-type: none"><li>• People will have a more comfortable way of waiting.</li><li>• Conglomeration of people in one place will be avoided.</li></ul>		
<p>Causes</p> <ul style="list-style-type: none"><li>• This problem occurs because for health reasons the number of people gathered in a waiting room is being limited.</li><li>• Some places have waiting list systems; however, these systems require people to be nearby for them to work.</li><li>• Lack of space</li></ul>			<p>Act/Standardize</p> <ul style="list-style-type: none"><li>• Investigate waitlisting methods, such as first-come, first-served or priority.</li></ul>		