

Sanket Muchhala 02

Sudhanshu Rai 13

Avisha Jain 69

Healthcare in Rural Areas using Cloud Computing

Survey Method:

Questioning individuals on a topic and then describing their responses. Method of primary data collection is used to test concepts, establish the level of customer satisfaction, conduct segmentation research, and a set of other purposes. We are taking a mail survey using google forms as a survey tool. One of our main intention for taking a survey was to know what people want? What are their needs in online medical healthcare? And make something useful for everyone.

Purpose:

Conducted in order to gather large size of information in a short period of time. Conducted in order to reflect emotions and experiences, and explore issues with a greater focus. Conducted in order to study issues that have developed over a specific period of time.

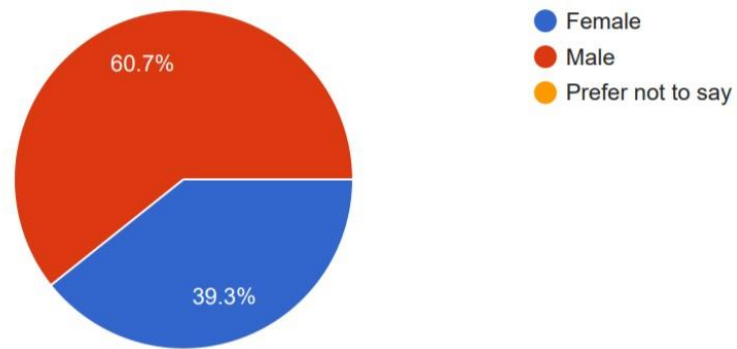
Survey Tool:

We used Google forms to put forward our questions and get answers from our participants. We got our responses in form of pie charts, bar graphs, etc. We also collected in text responses in our survey to know what people want in a healthcare application and to know the problems and issues they are facing in current healthcare applications.

- Name ,gender and age group was asked for basic information about the people who filled the survey

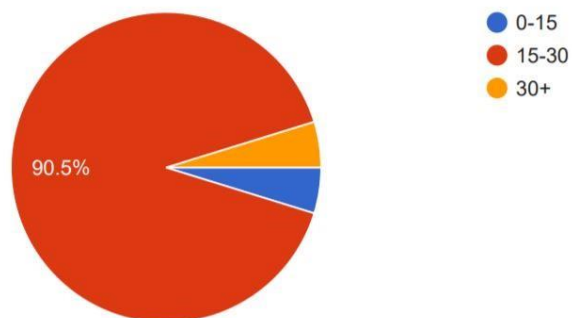
Gender

84 responses



Age group

84 responses

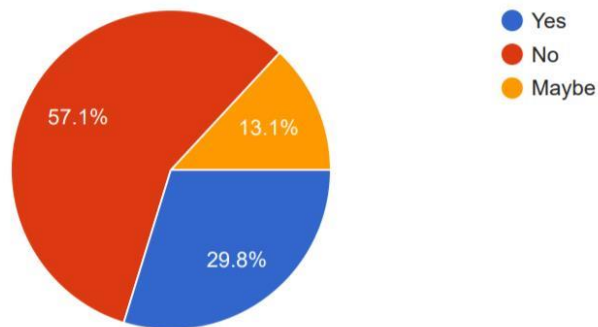


We grouped ages as <15, 15-30, 30>. We have participants belonging to all three age groups.

Q1)

Does the current physical environment of your healthcare organization support or promote multi-disciplinary integration, communication, and collaboration?

84 responses

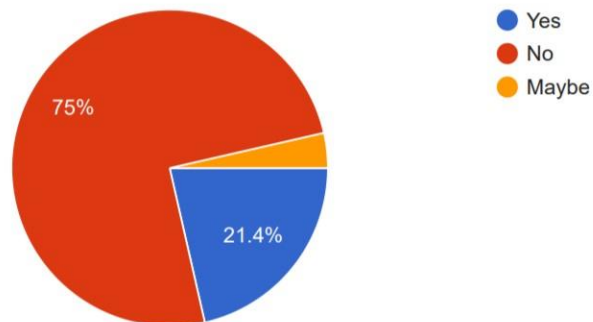


This question was designed to get an idea of the current System.

Q2)

Do u think healthcare services in remote area are sufficient ?

84 responses

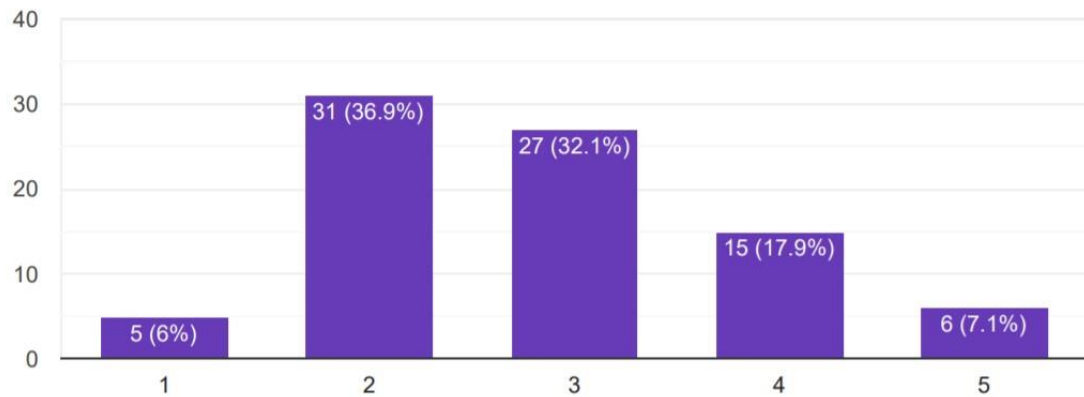


So as we can see 75% of our participants think that healthcare in remote areas are not sufficient.

Q3)

On the scale below, please select the number that shows how much you know about Patient Centered-Medical Homes.

84 responses

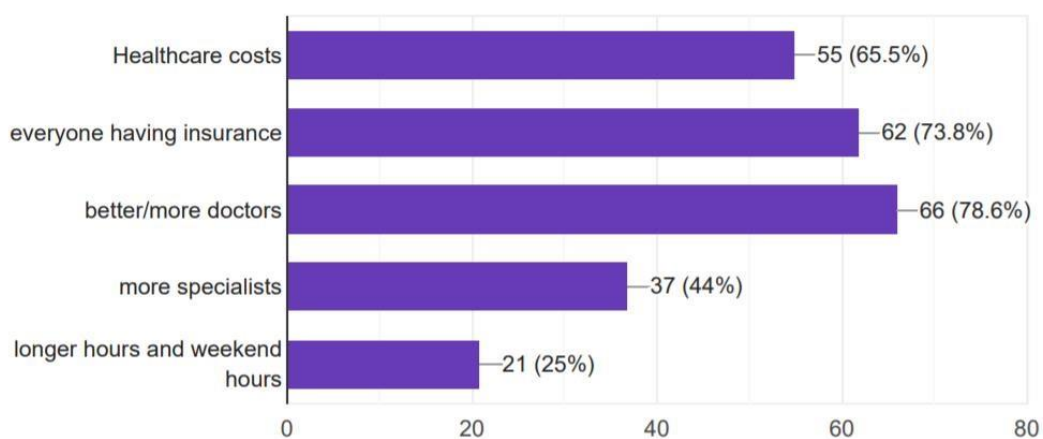


This gives us an idea that on what level people are aware about current healthcare system.

Q4)

Improvements to [Hospital] Health Care Area. (An open-ended question to the consumers what could be improved about care costs)

84 responses

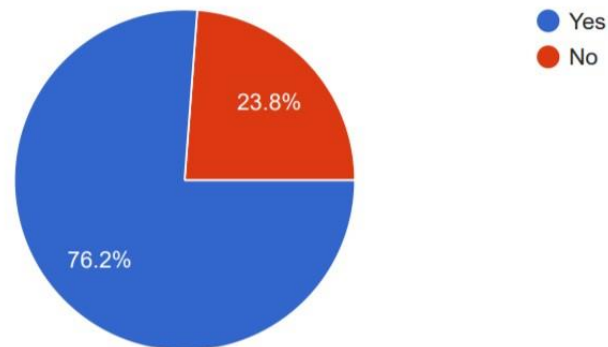


We needed an idea on what domain we need to go where more changes are to be made and which part of the current system needs to be improved or changed.

Q5)

Used Area Physician/Clinic for Routine Health Care

84 responses

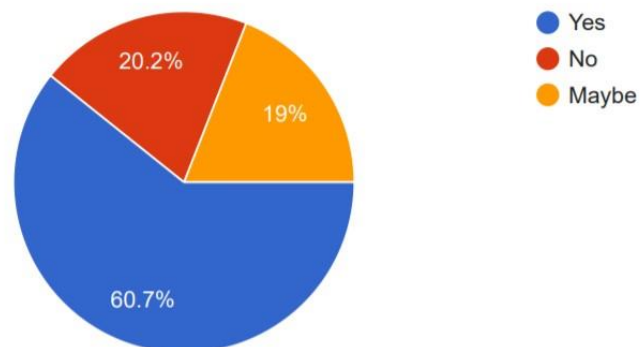


As we can see 76.2% of our participants go for a routine check-up. So, our goal is to make other 23.8% aware about importance of healthcare and make healthcare appointments easy or possible for them.

Q6)

For any medical assistance, booking virtual appointment with doctor will help the people in remote areas ?

84 responses

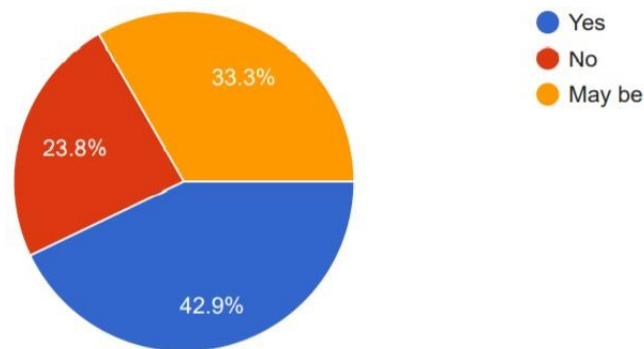


We need to know that our idea is comfortable for people and useful for them for designing a system which improves health of people in our society by making healthcare easily accessible for everyone everywhere.

Q7)

AI chat bot can solve the common health related issues ?

84 responses



We need to know what we thought is useful to people are they going to use it for their wellbeing? Do they think it is useful? And the above stats give us our answer.

Q8)

Any suggestion that will help us to develop the project and will help the people who aren't acquainted with the latest technology used in medical world ?

Some of the responses for the above questions.

- Many lives could be saved if people are given the healthcare services they deserve.
- Doctors are not available always.
- In remote area everyone is not used to with electronic gadgets and internet or internet connection is not good in that area. So, for this you need to make sure everyone gets used to that gadgets to avail the benefits for the same
- All the services which city hospitals has should also be provided to the village people. I hope u will do it that through your application. Make it freely available so that everyone is benefited
- Connect more and more people from village side and provide the best facility. keep it up great going
- Han make sure that whatever the government schemes are launched are known to the people so that that can avail maximum benefits
- This application will help so many people in village for getting proper consultation
- App should be free of cost.
- Developing simple and handy technology and providing a booklet guide of your tech to these people might help increase awareness.
- To connect the right patient to the appropriate health care centre according to their budget, health issues and area which is nearby and open for emergency visits (not crowded in this situations)

- Make the people of village more wake about the medical facilities and schemes
- Idea is awesome!
- Monthly check-up in remote area
- Use of ASW to store your data and make accessible everywhere. And connected more Doctor Who want to serve in remote area. Find the most no. Of remote area. Which is facing medical problems
- Government hospitals should maintain cleanliness.
- U all doing great keep up
- doctor should available to help the people in remote areas when needed
- Use on AI in healthcare
- Consulting services should be free of cost.

Learning Outcome:

From the survey we got the basic idea from the people experience about the health care services in the cities as well as for rural areas. Our main goal is to provide the best of all the facilities available in cities in the remote area so there is not fatal because of rudimentary services. Most of the people avoid the routine check-up in rural areas ,so for that they can consult the doctor virtually through our application and keep themselves fit & fine.as per the survey most of the people believe that AI chat bot can solve the common health related issues. Basic need is that doctor should be available when in need ,so we will try to solve that issue through our application.

- Link for all responses in google spreadsheet generated automatically by google form.

https://docs.google.com/spreadsheets/d/1XxXGebI4Syg2SyH0LAR08QsRWz3hIWwI_GUgAJij0sY/edit?usp=sharing

- Link for the google form we made for the survey.

<https://forms.gle/HRCX8hFsM6ZWzUPr9>