



TeleMedicine Communication beyond Boundaries

Connecting People

www.graminaarogya.com



Introduction to Problem Statement

Amidst the rural areas where medical facilities are scarce & proper knowledge is a rare sight, we aim to tackle this problem by connecting the rural doctors to the villagers via a website medium. This will equip them with better survival opportunities & get over superstitious beliefs regarding their health.



Drawbacks faced for Rural Telehealth Program

To initiate a Telehealth platform in rural areas, various drawbacks must be overcome so that you can run a successful campaign & reach to the needy in the correct time. Ranging from connectivity to a weak trust base villagers have many more reasons to keep distance from the modernized people due to the complexity of their lives. Following are the drawbacks that we majorly need to overcome:

01.

Connectivity issue: Low Bandwidth is often one of the major reasons as to why people are not able to get help at the correct time, this delay in response can be fatal, so we

02.

Resource availability: Lack of medical facilities being there can also contribute to loss of life as adequate treatment are not there to help the patient in distress

03.

Weak trust base: Online websites often turn out to be scams which raises a red flag among the villagers as it then becomes a word of mouth that this source is unreliable

Pre Existing Solutions: Past Technologies

We encountered multiple tele-med websites, of which both had a common ground: complex UI/UX & they were based of a foreign country. In this context we are referring to “Athena.org” which gives solutions but in turn creates a much bigger problem. The simpler the UI the more easier the message gets conveyed to the people



Innovation Proposed

01.

Centers established:

One of our ground members will be situated in the village from where they will maintain a strong hub of connectivity & understand the problems faced by the people

02.

Pre recorded media:

As there is low bandwidth, so we have proposed that by data compression for small issues people can refer to these instead of approaching the doctor

03.

Doctor allocation:

After taking the location input from the user, nearby clinic with our doctor will be appointed to them, so that they can easily reach out to the closest doctor at that time

Awareness Campaigns

Innovating in health

To ensure a strong foundation with the rural people, we will have a representative whom the villagers have complete faith in. By working with them we can do awareness campaigns regarding telehealth & overcome any stigmas that they may have developed.



Virtual 1v1 conferencing of patient & doctor

Doctor & the patient will be in constant touch via a meet mode which will give the patient an assurity regarding their health.



Website Updates Following Round 1 Feedback :

1. **Multilingual Support:** Understanding the diverse linguistic landscape of our user base, we have integrated multiple regional languages into our platform.
2. **Enhanced Patient Detail Validation:** To elevate the reliability and accuracy of patient information, we've introduced an advanced validation process for patient details.
3. **Dashboard Introduction:** For simplification of data handling from both doctor & admin perspective we have introduced a dashboard which will visually distinguish various aspects of patient details





Thank you very much!

