

# IHCI Project Proposal

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## Rules

- Submit a Google Doc, NOT a PDF or a Google slide.
- Use the default fonts, line spacing, and font size unless specifically required in the assignment.
- After submission, the Google Doc will get automatically locked, so you won't be able to make any changes.
- Standard plagiarism rules apply
- Your submission will not be considered for grading and feedback if you do not follow these guidelines.

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**Names of Group Members: Khushal Yadav, Ketan Mohan Garg, Kratik Gupta, Komal, Kirti Jain**

**Project Group Number: Group 13 project 2**

**HCI Group No.: 13**

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## Problem Statement

Occasionally, it happens that even after proper consultation with a doctor or wanting to check about their symptoms online if they are too mild to prevent the "unnecessary" consulting fees. Sometimes the patients are unable to manage all the medical requirements that are needed to be taken care of for proper recovery and sometime, it becomes difficult to select a specialist for the particular illness due to less awareness regarding different consultants. The problem of forgetting the medical schedule (taking medicine on time, consuming proper diet) is common among middle-aged and old people. So, we reflected on this problem and want to contribute something that can help to overcome this obstacle.

## Background of the Problem and Motivation

The motivation came from an incident when I suddenly fell ill and there was no one in the house besides me. I was around 15 years old at that time and didn't know which medicine to take according to the symptoms, which doctor to consult from, when to take the medicine and which diet is to be followed. I was so confused at that time that I really wanted something like this with me at that point. That's why we think that this app would be really helpful for such cases and would help the people who are under the same stress of managing things regarding their health at the time of illness.

## Scope

The aspects that our solution will be covered by our idea are as follows:

- Proper nursing assessment by an app (instructing every time to keep the focus on health by setting a medicine schedule to be followed during illness).
- Comparing the improved symptoms with the existing ones and guiding for its improvement .
- App would recommend people the type of doctor they should visit based on the symptoms provided by the user. For eg. : If the user is having skin related issues the app will recommend something like “Patient should visit a dermatologist”.
- The app will guide the patients for a proper balanced diet based on his illness(can take on account users test reports).
- App would allow people to consult doctor online .

## Contributions

All the group members have contributed adequately. We all conducted regular meetings to discuss about our ideas , find the solutions and finalize upon the topic considering various things that were required .(finally, we are working on kratik's idea)

Some proposed ideas were

So one idea is of creating a device which will alert driver that someone is coming behind him through sensors which will help him in lane changing another is creating a health app which guide you on how to take care by yourself if you fall sick it will take track your pulse etc 19:54

1st we can make an Arduino project but in 2nd we have to design whole app 19:55

-Proposal by **Khushal Yadav**

**Ketan IIIT**

Guys mere pass ek idea ha , we will design an app , jisme a user can sell his property and another one can buy it.

Ex- I want a Flat in Govindpuri , so I will enter the location in my app and it will show all the vacant flats in or near Govindpuri which are for selling , similarly for all properties such as plots , houses , shops etc.

MAIN FEATURES WILL BE:

It will lead to direct contact b/w a seller and buyer

Our app will show a brief about that locality.

Will also show the main facilities in that area such as nearby hospital , malls, etc.

More we can discuss and can come up with ideas to make it more better

08:37

-Proposal by **Ketan Mohan Garg**

Some ideas were discussed in offline meetings like **Komal IIITD** proposed - app that provides an ecosystem where member of municipality and general people could interact and can have one stop solution that will help everyone's disposal needs wherein general people could make their area clean by taking direct help from regional municipality by a single click.

And Kirti Jain talked about an app which would help the member of family to know about each other health by examining the changes happening in their body. It particularly focused on cardiovascular problem.

**And finally we decided to follow Kratik Gupta's idea which is explained above:**  
**Kratik elaborated the problem after that we organised our thoughts and discussed all the possible functionalities , adding additional ideas , thinking about the limitations and how we would tackle them . Hence, all the group members contributed very well in the project discussion.**