

IHCI Second Submission

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.

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

Project Group Number: group 2

HCI Group No.: 13

Requirement Gathering

1. User interviews(using google forms)

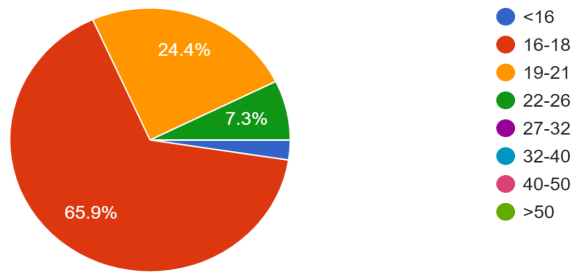
Google form

link:https://docs.google.com/forms/d/e/1FAIpQLSfxkLMNKtTbXa_SDQLQQ6wEKpVL-ZtJ9A-hWR9symohclzjdA/viewform?usp=sf_link

Responses to the google form are pasted below, followed by analysis of the same.

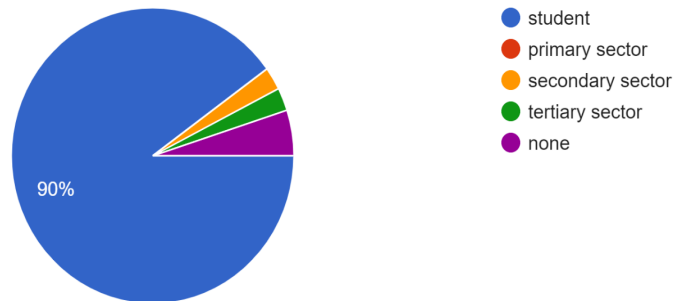
Select your age

41 responses



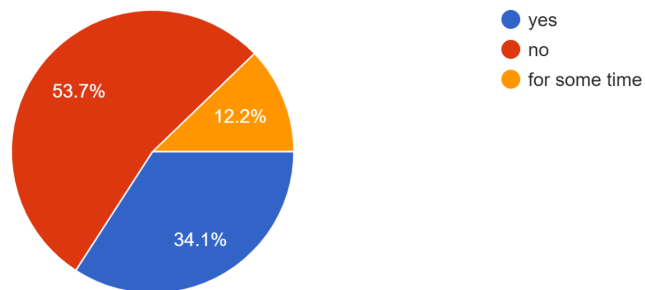
Your profession

40 responses



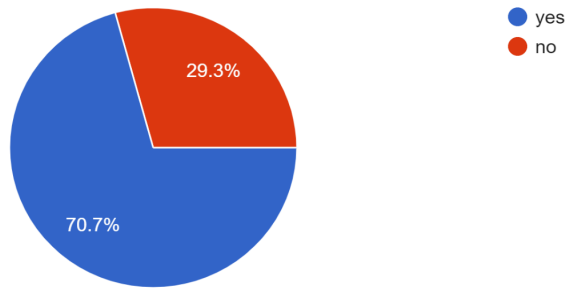
Do(have) you live(lived) away from home?

41 responses



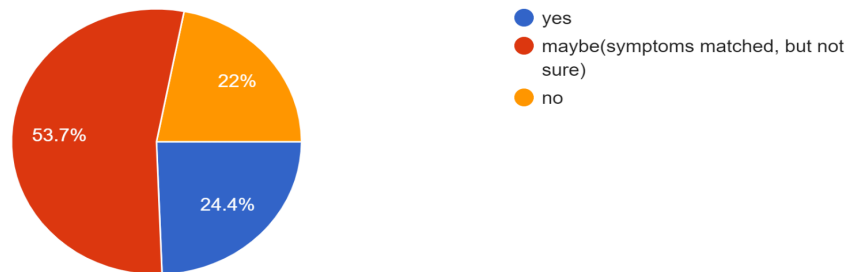
Have you/your family member/friend ever had a health emergency while alone?

41 responses



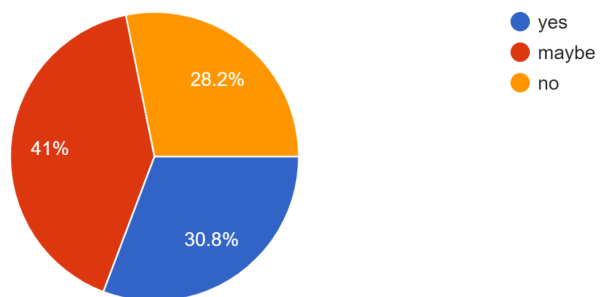
Were you able to identify the disease/cause of discomfort from the symptoms?

41 responses



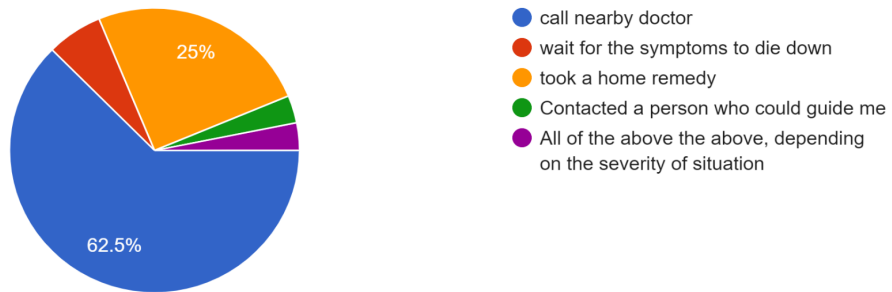
If yes, did you know the next step to be taken for recovery?

39 responses



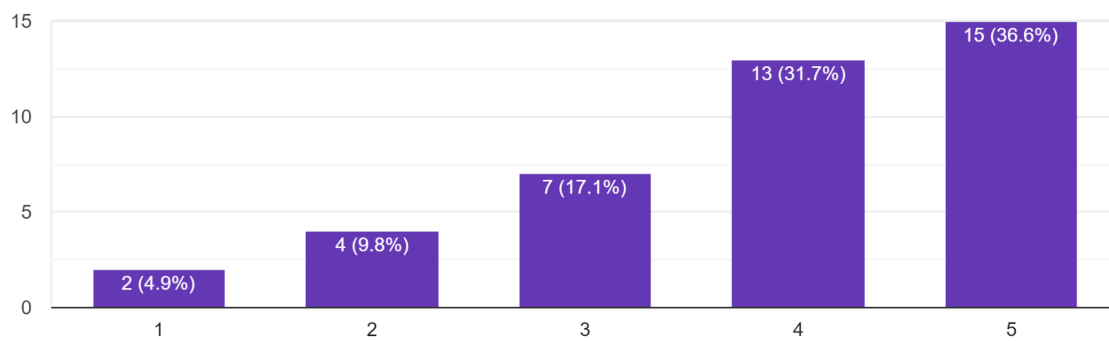
If no, what did you decide to do?

32 responses



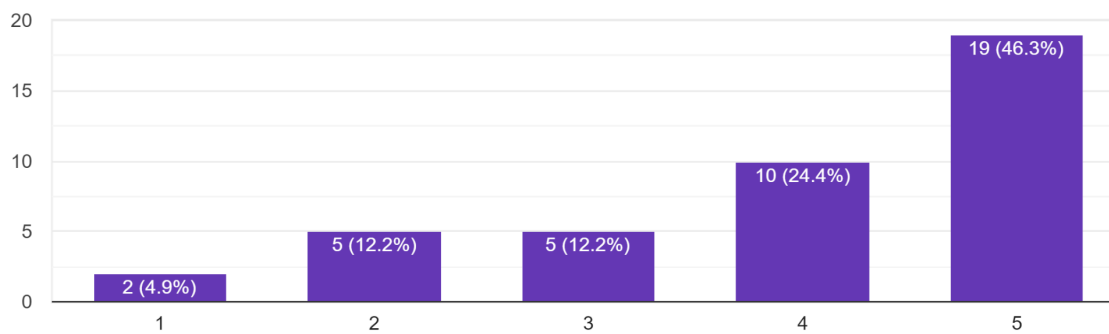
If sick, how adamant are you about following your diet?

41 responses



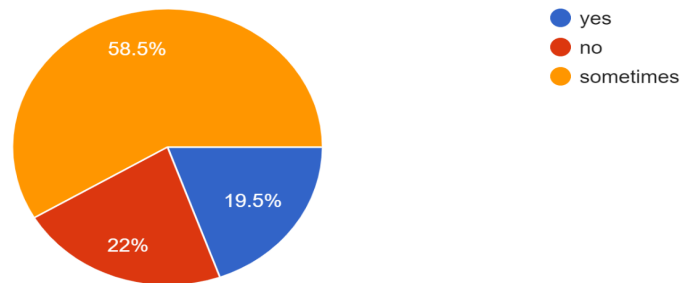
If sick, how adamant are you about taking your medicines timely

41 responses



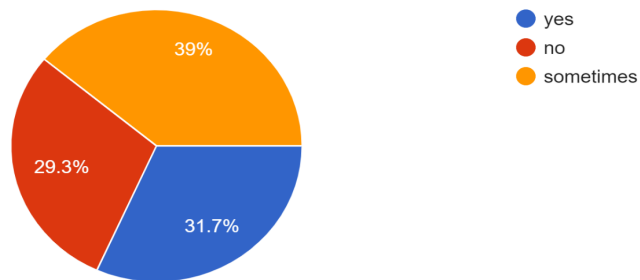
Do you need to be reminded to take/monitor your diet in sickness?

41 responses



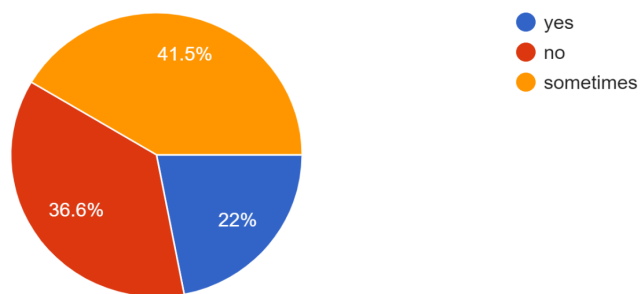
Do you need to be reminded to take meds?

41 responses



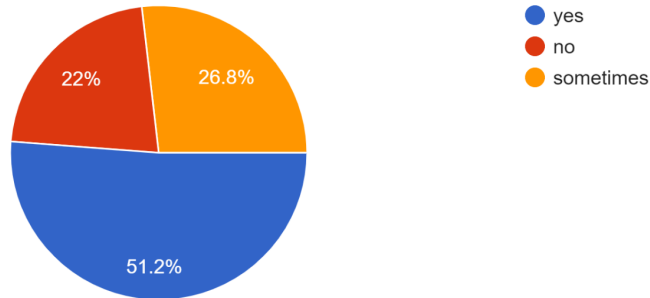
Do you have face problems in deciding whom to contact while having a particular disease?

41 responses



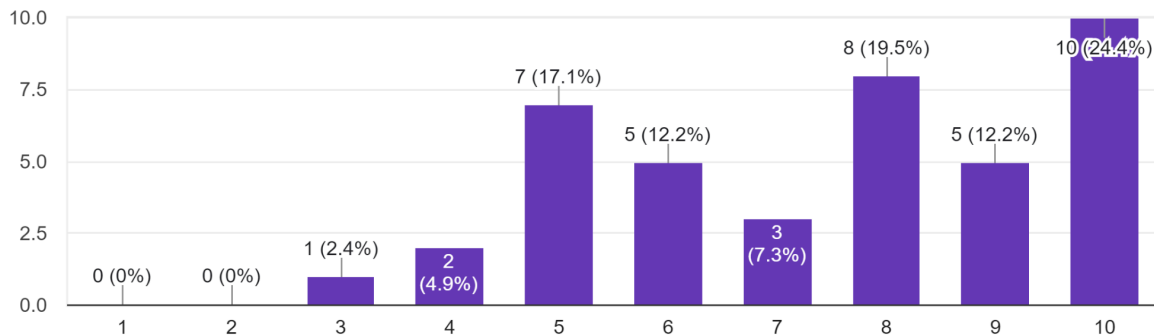
Are you ever unsatisfied even after visiting a doctor?/ Do you feel the need to have a third party opinion on your symptoms?

41 responses



Rate how useful the app that provides consultations and dietary suggestions would be.

41 responses



ANALYSIS:

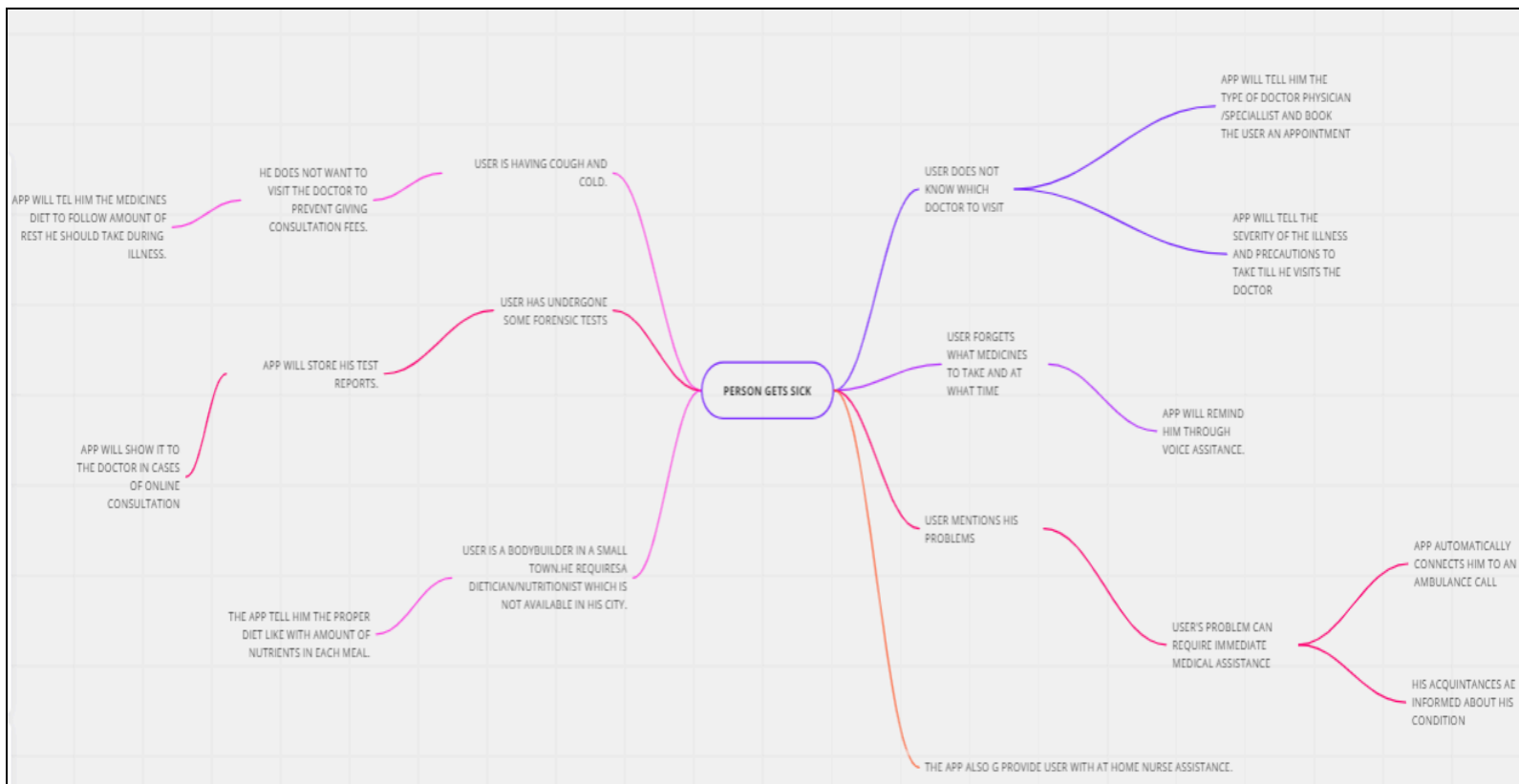
90.3% of the people taking this survey are aged between 16 and 21, the young population. And almost all of them are pursuing some kind of education and have had to live away from home at one point or another. 70.7% of the respondents have had a personal/family health emergency and 75.7% of them were not able to recognise the cause of their discomfort. 69.2% of the respondents didn't know the subsequent steps to be taken to relieve their condition, and they called some nearby doctor or took a home remedy. Most of the respondents are adamant about their diet and meds, but 78% of them have to be reminded to follow their diet and 70.7% of the respondents have to be reminded to take their meds. A staggering 78% of the respondents are unsatisfied with their physical checkup and feel the need for a third party opinion especially, those who are working in primary and secondary sectors. Maximum people agree to the usefulness of this app with varying intensities.

Stakeholders:

As per our analysis the primary stakeholders of our app would be students, senior citizens, doctors, chemists, and especially those who are living alone and need some assistance for their wellbeing. The secondary stakeholders are people who are belonging to tertiary sectors and living with their families. These don't need continuous reminders for medical and diet schedules but have expressed their concerns regarding the health consultation by the third party who has profound knowledge about the particular illness. And maximum people agree to the usefulness of this app with varying intensities.

2. Mind map

Miro board link: https://miro.com/app/board/uXjVP3fiH3U=



3. User base diagram



Personas and Scenarios

Miroboard link: https://miro.com/app/board/uXjVP9ILWq4=?share_link_id=381650161668

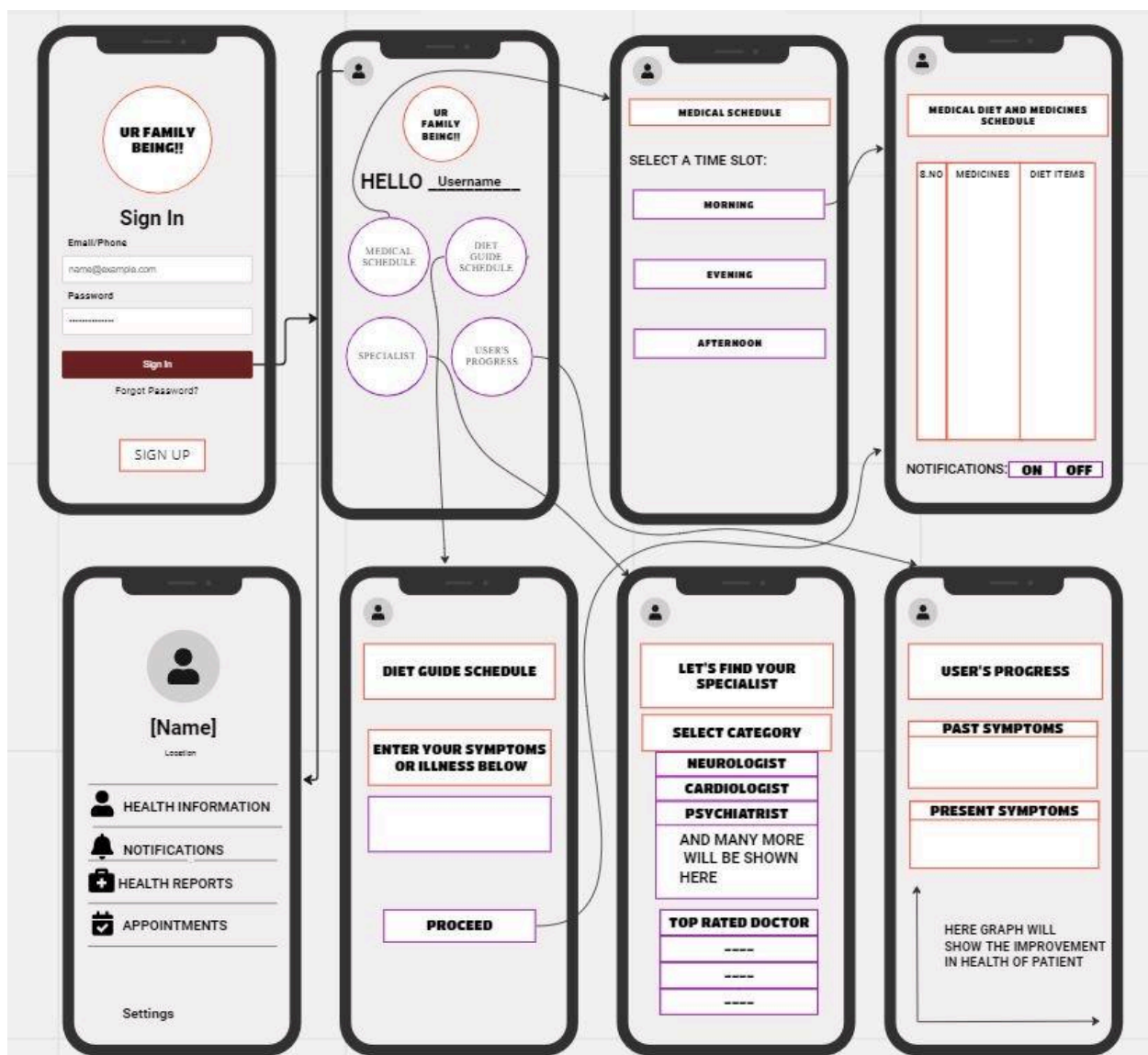
Problem Understanding

Considering the problem of consulting the specialist for the specific illness, something not being satisfied even after visiting the doctor and following the medical schedule as directed by the doctor when ill; we are inspired to design an app that provides a one-stop solution for everyone's medical requirements, management of medical and diet schedule, and recommending people the type of specialist that they should be consulted with.

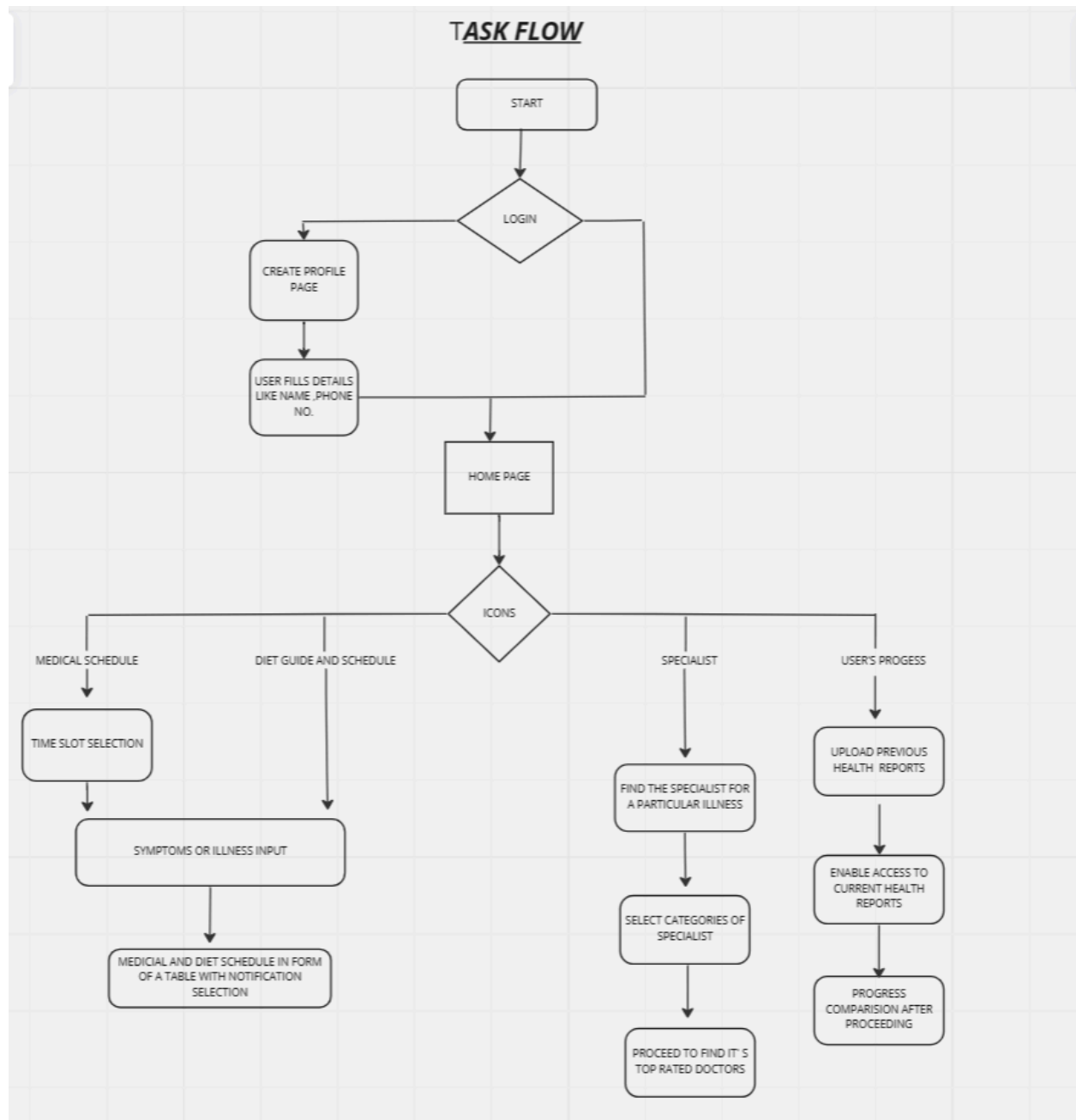
Target users

Our designed app will target adolescents, adults, middle-aged and older adults. It can even be used for infants and children by their parents to keep track of their health by following the appropriate suggestions that our proposed app would direct.

Low-Fidelity Designs



Task Flow



Miro

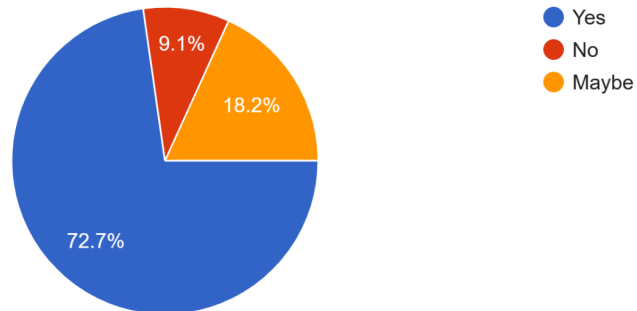
https://miro.com/app/board/uXjVP2NsWAY=?share_link_id=12718171463

Low-Fidelity Testing and Testing Methodology

Responses to the google form are pasted below, followed by observation of the same.

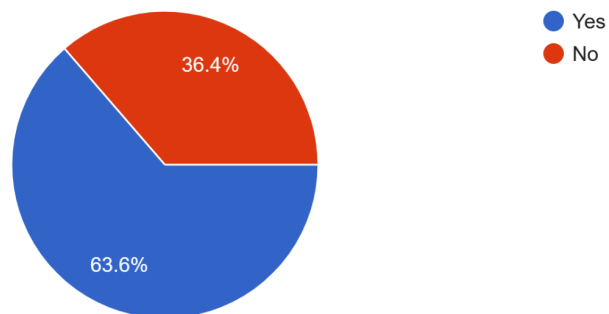
Do you find this design easy to understand?

11 responses



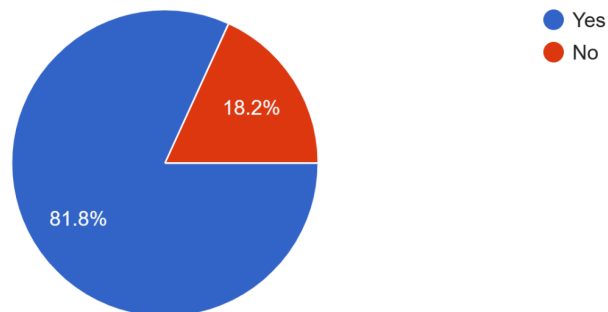
Do you find this design to be visually aesthetic?

11 responses



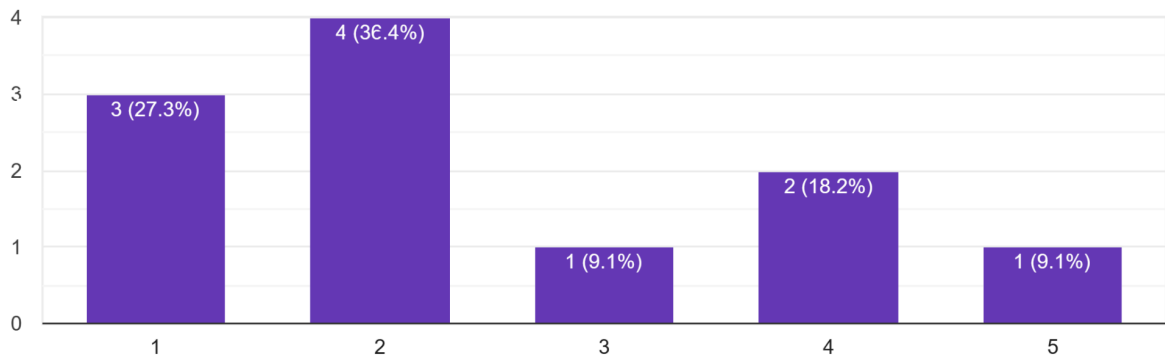
Do you think this design has everything necessary for a health care app?

11 responses



How easy will it be for you to use this app?

11 responses



ANALYSIS:

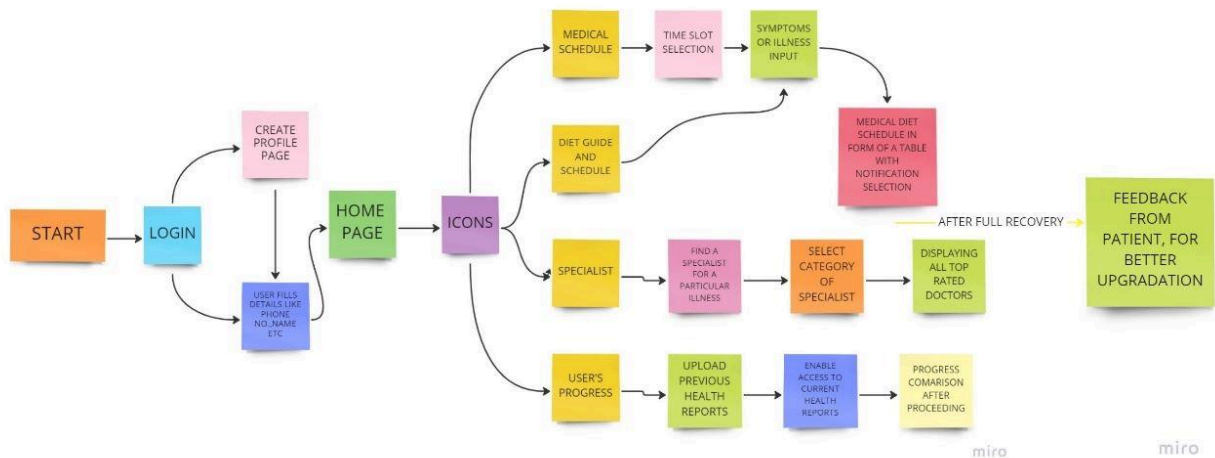
Majority of the respondents(72.7%) think this design is easy to use and operate while 81.8% of the respondents find the app to be fulfilling all the needs a healthcare app needs to take care of. Approximately 64% people find the app to be visually appealing and approximately 90% people find this app engaging and use-worthy.

Alternate Design

Alternate design link :

https://miro.com/app/board/uXjVP2Z3F3I=/?share_link_id=280440230854

Task Flow



Contributions

Komal- Made a rough sketch of lofi design, created task flow for the proposed lofi design and contributed towards the improvement of analysis content, compiled the material

Khushal Yadav - Made changes to the previous submission for the refined part.

Ketan Mohan Garg- Designed the user task flow and lofi design.

Kirti - Has taken the user survey through google forms, gave its analysis and edited the alternate lo-fi design

Kratik Gupta - Designed the alternate lofi design .