

IHCI Third Project Submission

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Project Group Number: group 2

HCI Group No.: 13

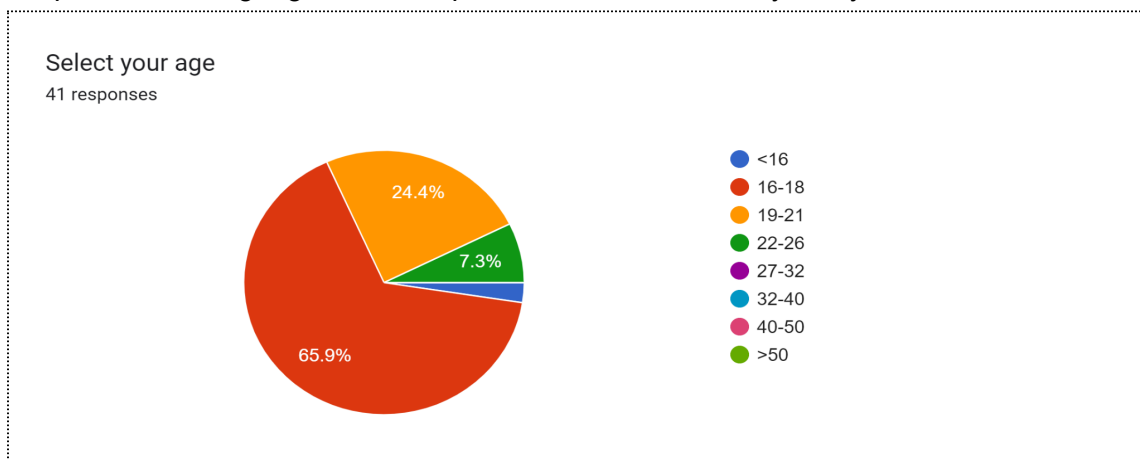
Refined Gathering

1. User interviews(using google forms)

Google form

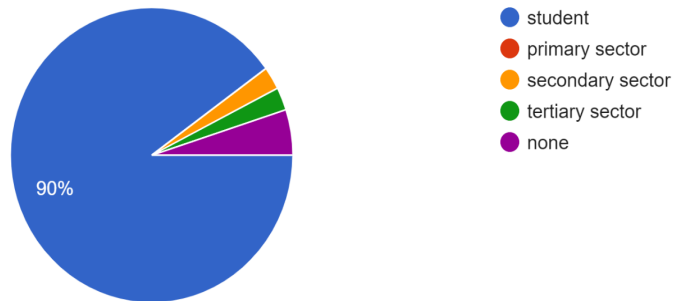
link: https://docs.google.com/forms/d/e/1FAIpQLSfxkLMNKtTbXa_SDQLQQ6wEKpVL-ZtJ9A-hWR9symohclzjdA/viewform?usp=sf_link

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



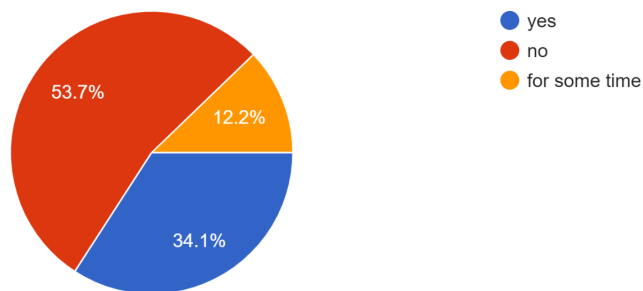
Your profession

40 responses



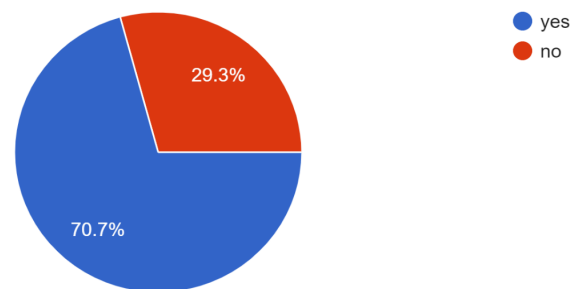
Do(have) you live(lived) away from home?

41 responses



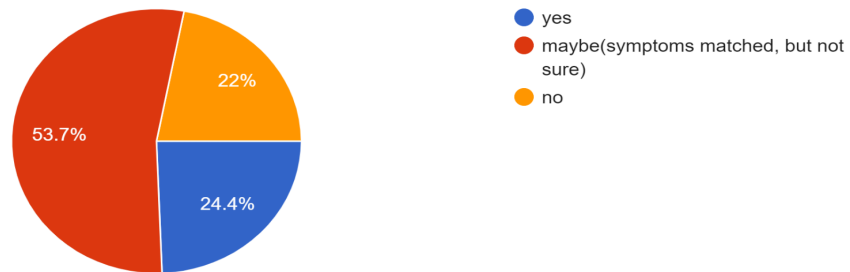
Have you/your family member/friend ever had a health emergency while alone?

41 responses



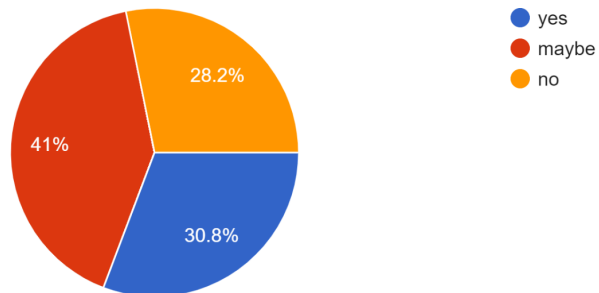
Were you able to identify the disease/cause of discomfort from the symptoms?

41 responses



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

39 responses



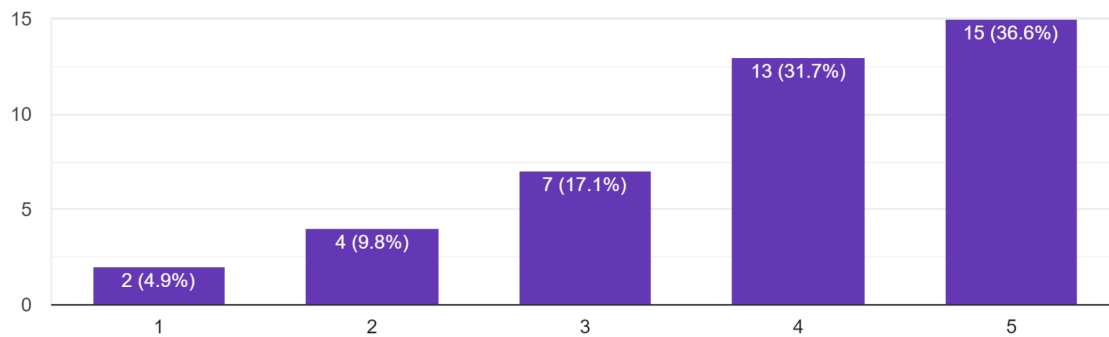
If no, what did you decide to do?

32 responses



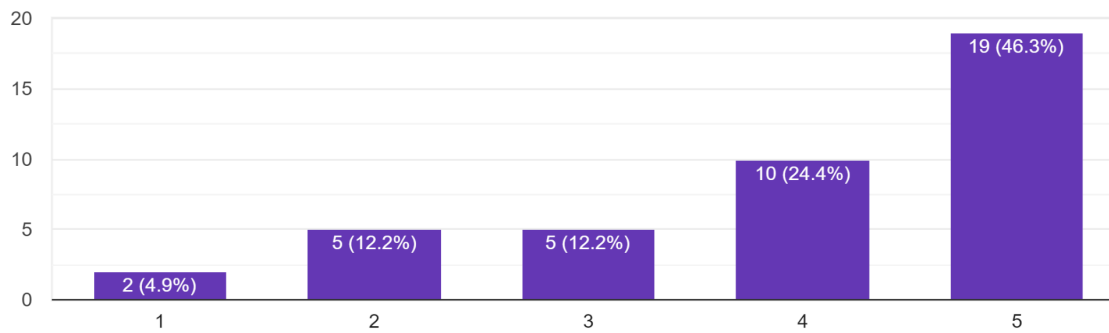
If sick, how adamant are you about following your diet?

41 responses



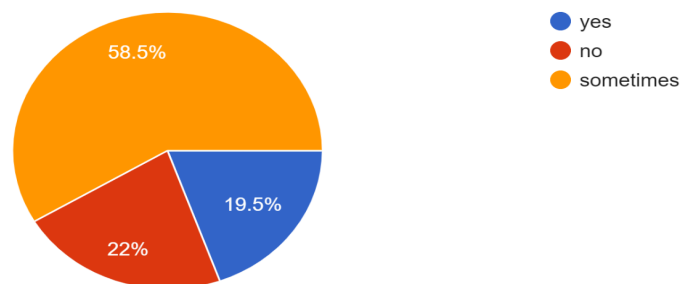
If sick, how adamant are you about taking your medicines timely

41 responses



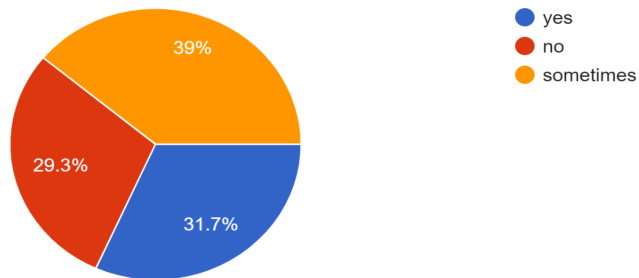
Do you need to be reminded to take/monitor your diet in sickness?

41 responses



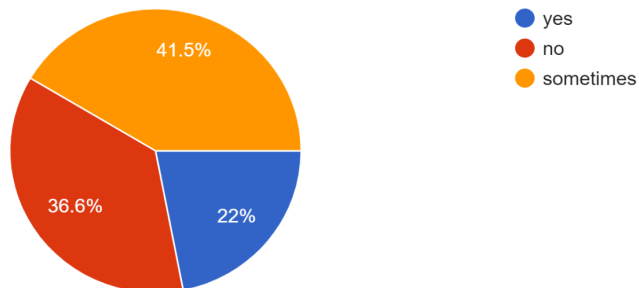
Do you need to be reminded to take meds?

41 responses



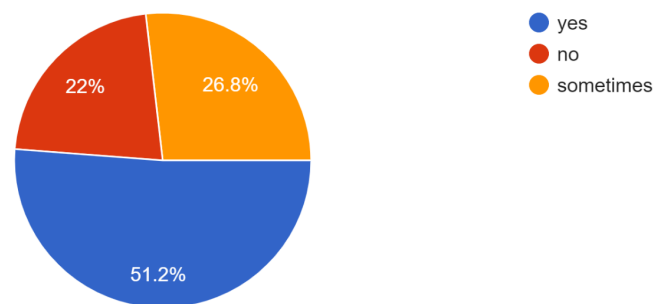
Do you have face problems in deciding whom to contact while having a particular disease?

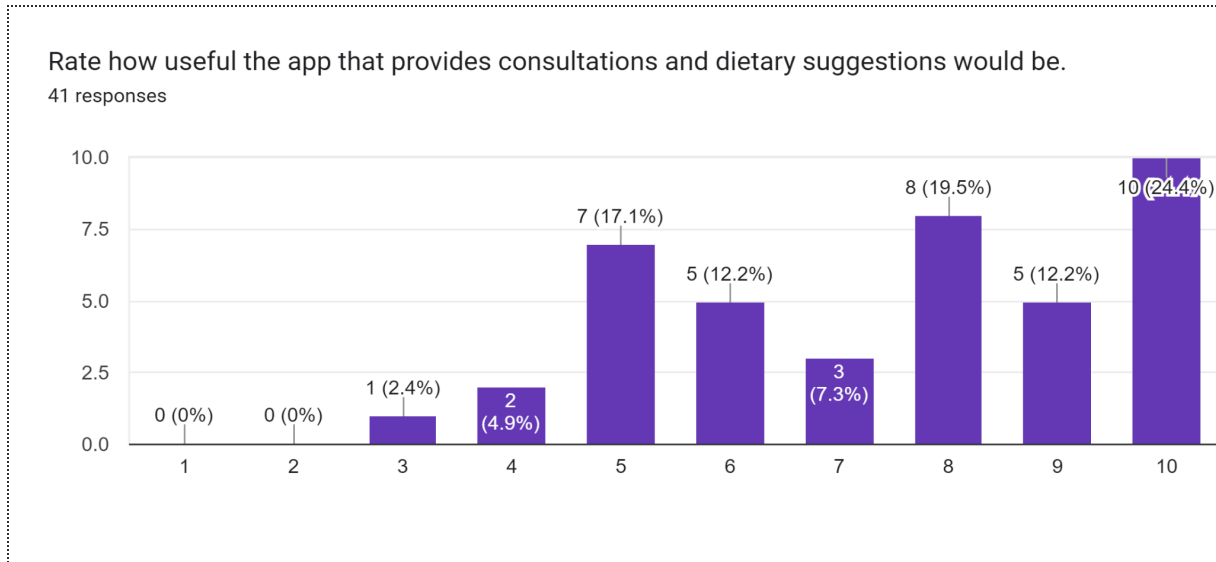
41 responses



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





ANALYSIS:

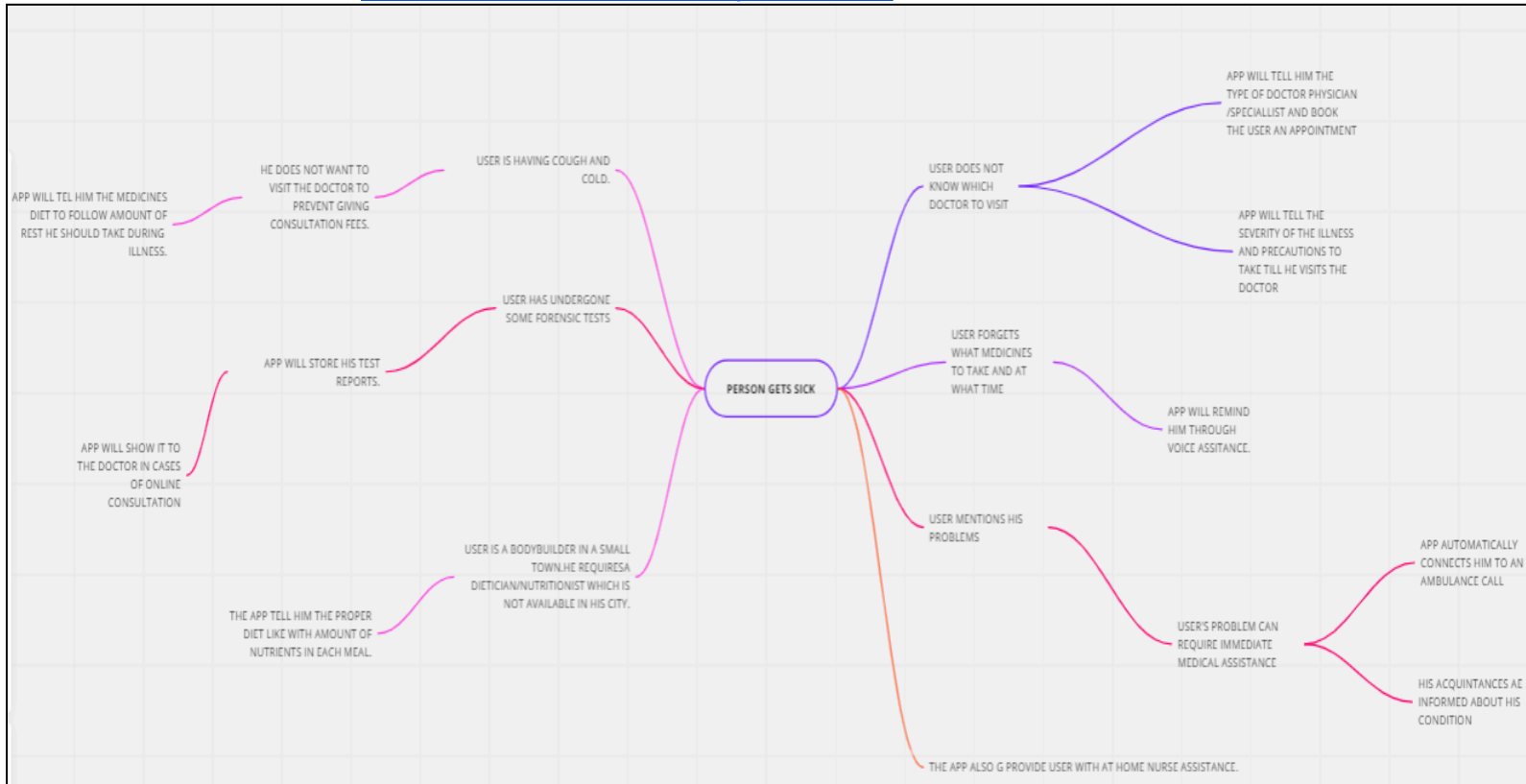
90.3% of the people taking this survey are aged between 16 and 21, the young population. And almost all of them are pursuing some kind of education and have had to live away from home at one point or another. 70.7% of the respondents have had a personal/family health emergency and 75.7% of them were 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

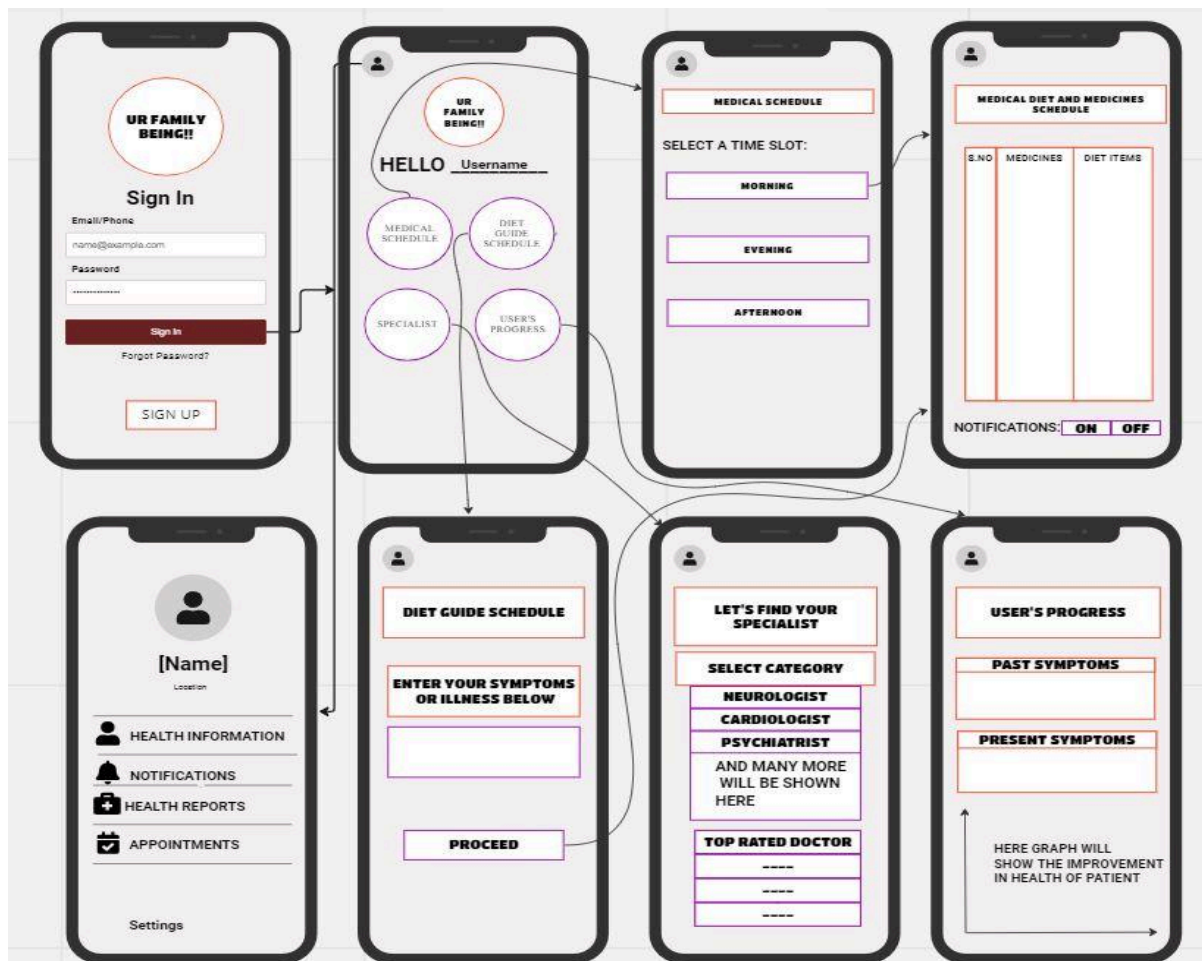
Our designed app will target adolescents, adults, middle-aged and older adults. It can even be used for infants and children by their parents to keep track of their health by following the appropriate suggestions that our proposed app would direct.

Low-Fidelity Designs

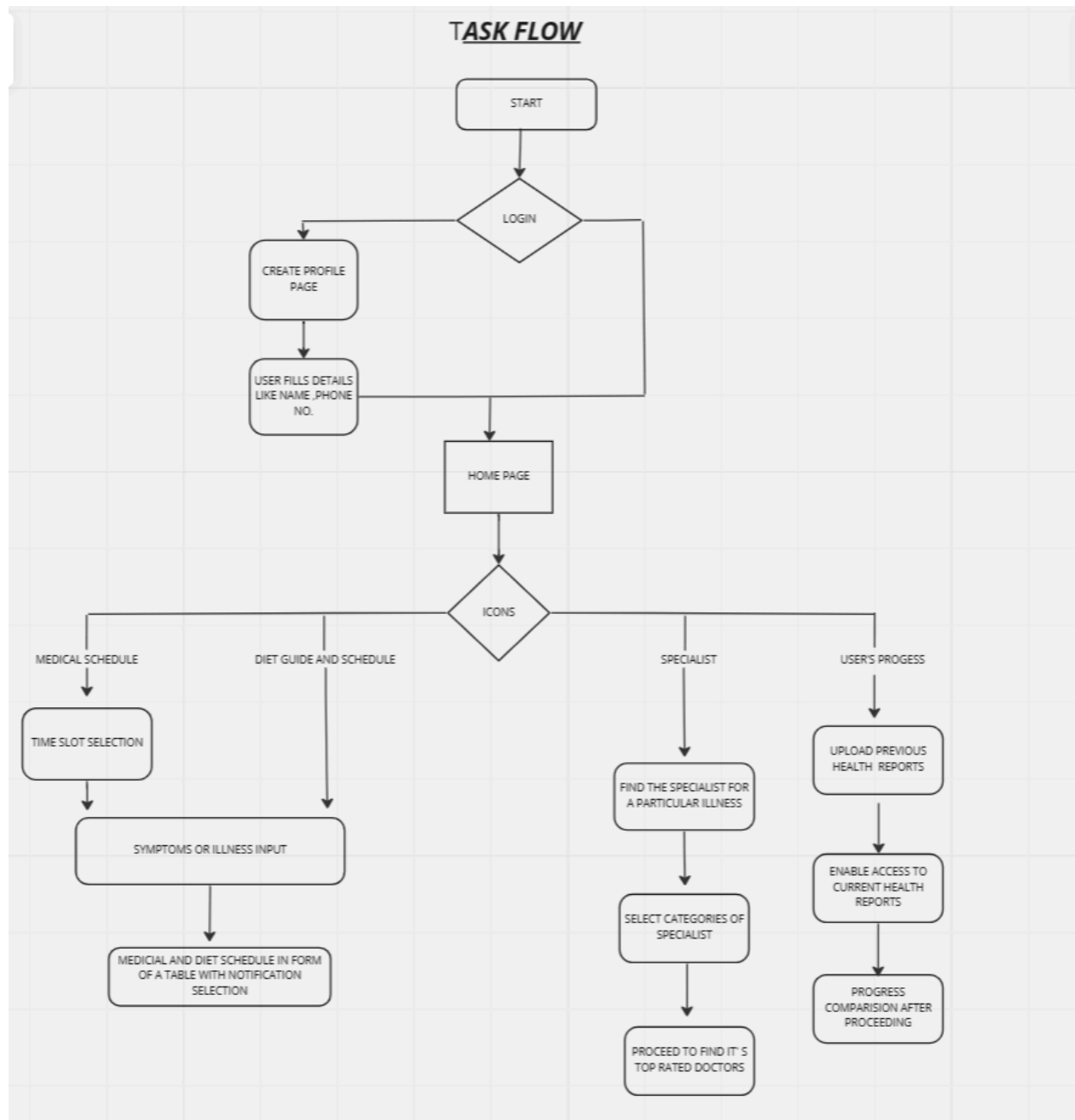
Initial lofi: https://miro.com/app/board/uXjVP2Z3F3l=/?share_link_id=280440230854

Refined lofi

Low-Fidelity Designs



Task Flow



Miro

https://miro.com/app/board/uXjVP2NsWAY=?share_link_id=127181714639

Working Hi-Fi Prototype along with User Evaluation

<https://www.figma.com/proto/HI1ozX7UfXnnwZFuMEI1uN/HCI-Project-HI-FI?node-id=175%3A3&scaling=scale-down&page-id=0%3A1&starting-point-node-id=175%3A3&show-proto-sidebar=1>

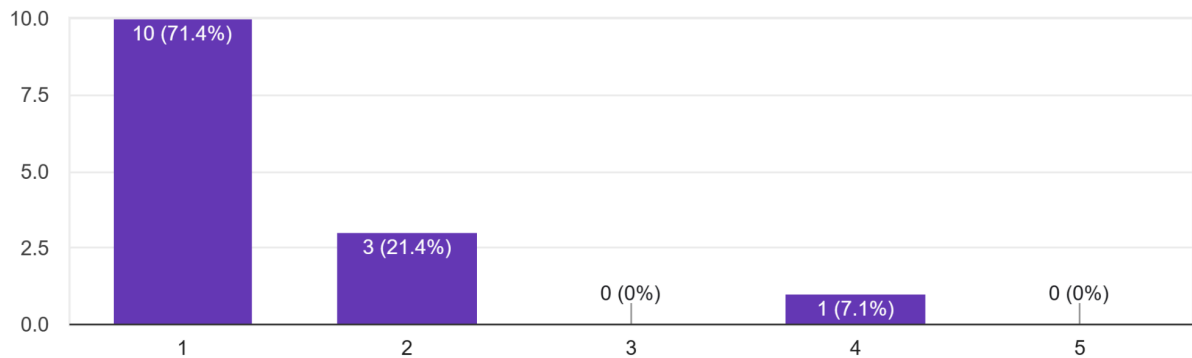
EVALUATION OF PROPOSED APP PROTOTYPE USING GOOGLE DOCS SURVEY

Link to the google form:

<https://docs.google.com/forms/d/126Dgyv8CSDsB3tFZwkRgYrV1hz9vpNikMKppoGX8OyM/edit>

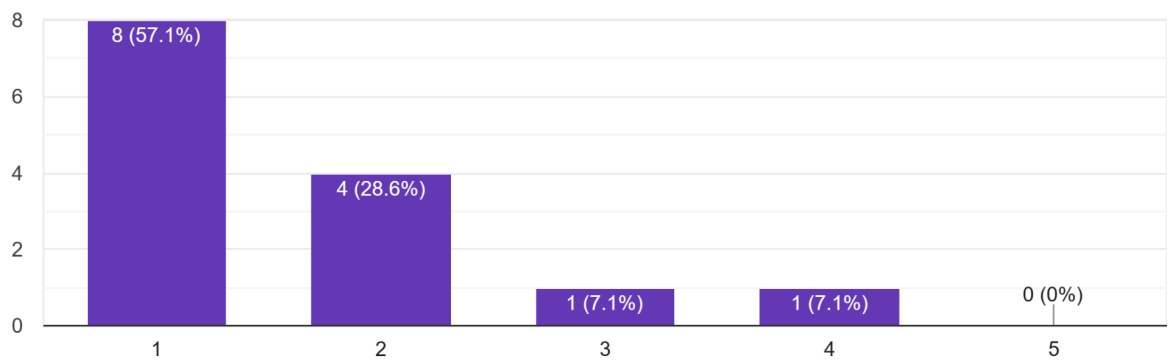
how easy was it to use the app?

14 responses



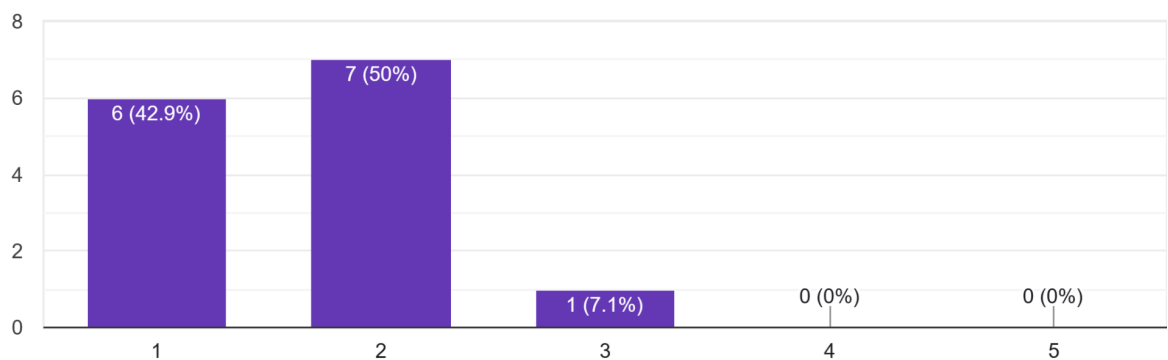
how understandable are the functions of the options/icons ?

14 responses



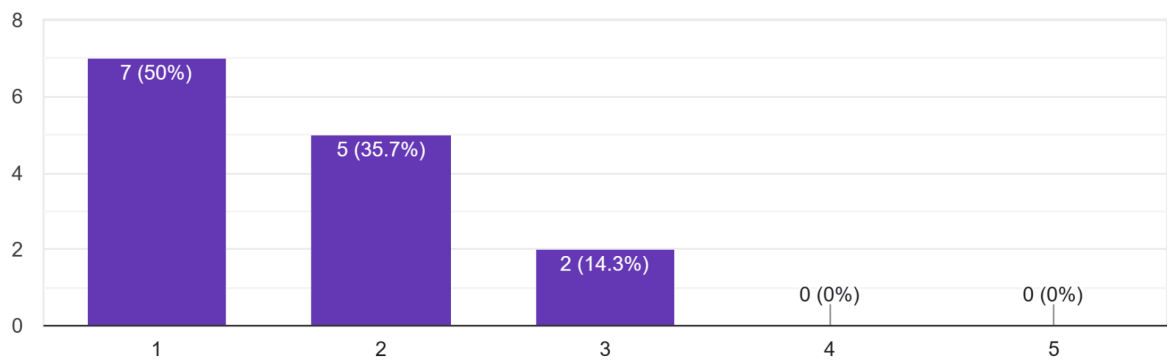
on what rate did you find the UI appealing?

14 responses



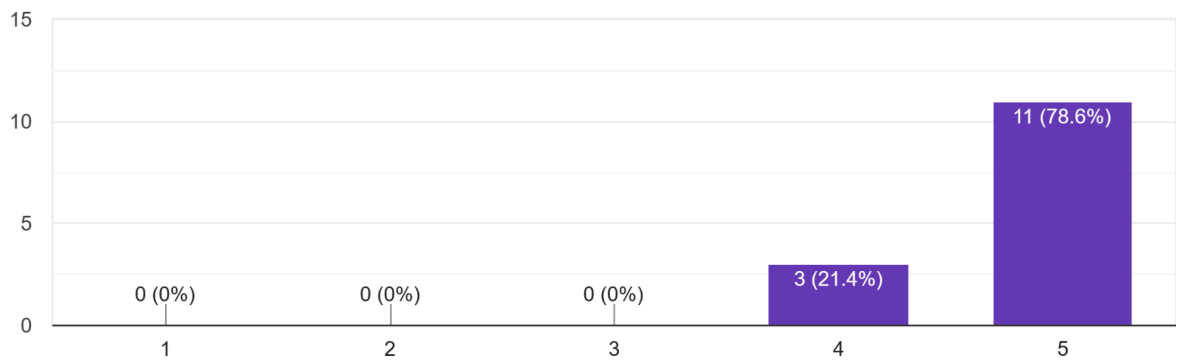
how straight forward is the app?

14 responses



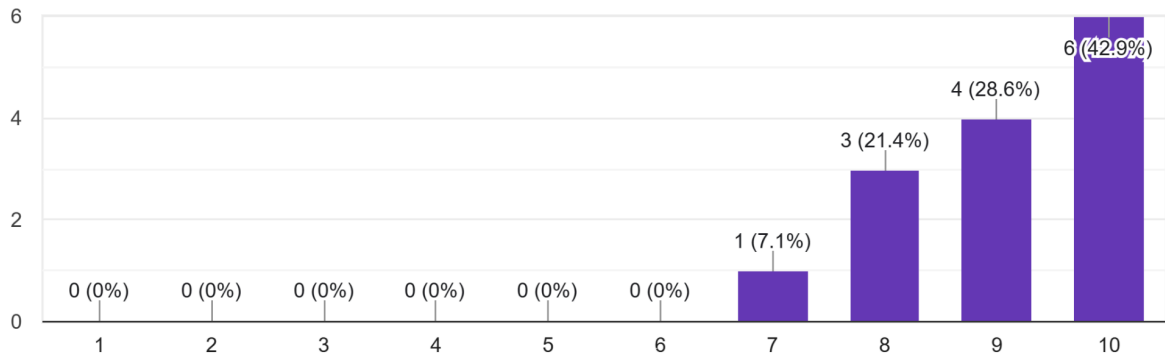
rate the overall usability of the app

14 responses



Rate the overall UX

14 responses



ANALYSIS:

Maximum respondents (71.4%) found the app really easy to use. 92.9% of the respondents found the app extremely aesthetically and visually appealing. A positive response was seen for the straightforward user interface of the app. Similarly, a whopping number of the respondents found the user experience to be extremely good with a high overall rating for the usability of the app.

Contributions

Komal: Have worked on the initial pages for the proposed app (including the homescreen), corrected connections/transactions, design and compiled the material

Kirti: made the diet schedule prototype, med schedule prototype and improved certain screens and fonts, created the google form and analyzed the responses regarding the UX of hi-fi

Ketan mohan Garg: contributed in making user progress prototype

Kratik gupta: Made the specialist prototype

Khushal Yadav: made the doctor bookings, appointments prototype

Credits: all the images used in the making of the hi fidelity prototype in the link given have been taken from google.

Source of the images: Google