Research Plan for Medicord

Background

(What is the project about? What stage is it in? What do you want to get from research?)

Throughout our lives, we often **consult numerous doctors** and specialists for diverse medical needs, relying on their expertise for treatments and diagnoses tailored to specific areas of our bodies. Consequently, **we receive prescriptions and recommendations for various drugs and tests.**

This study delves into how individuals t**ake charge of managing the plethora of medical records** generated by different departments and practitioners.The primary objective of this research is to explore the **challenges inherent in self-managing medical records and propose strategies to mitigate associated risks.**

Types of Records

Medical records include a variety of documentation of ● The patient's history, clinical findings, ● diagnostic test results, preoperative care, ● operation notes, post-operative care, ● daily notes of a patient's progress medications.	

Research goals

(why do you want to spend time and money making this app?)

- I want to learn about validating this idea, where and how the records are stored.
- I want to learn what new opportunities, needs, or goals might exist for patients with their records. This app will help mitigate risks by keeping the records constantly or using logs.

Research Question?

(Overarching questions that we want answers to?)

(Needs)
1. Why is it essential to document?
2. What all is essential for medical records to be documented?

(Behaviors)
3. What do they care about? Motivations?
4. How do people document currently?

5. Do we need an app to actually do that?
6. How do people currently document?

Study 01: Interview

Recruiting

(What kind of criteria do people need to meet? Where and how do we find people? Are we providing any Incentives?)

We will use the survey method with a sample of 10 people in each case to know how they are stored currently.

1. Young working professionals with or without kids who do not go to doctors as often but at least twice in a month. Or talk to a doctor for themselves or someone else.
2. Subjects who want to document their medical records but are unable to do so or just don't give enough importance to it.
3. (male/female)

Screening Questions

1. In which age group do you belong?

18-23 (screened out)
24-30 **(Accept)**
31-37 (screened out)

2. What is your frequency of visiting a medical facility or a medical practitioner in a month? (it can be for yourself or someone else)

2 times a month **(Accept)**
4 times a month **(Accept)**
Rarely when there is an issue (screened out)
0-1 time a month (screened out)

3. Do you go for a medical check-up regularly?
Never, as I am healthy (screened out)
If needed (screened out)
Once a month (screened out)
When diagnosed with something that requires it. **(Accept)**
Yes, to dentists, dermatologist, etc **(Accept)**

Script

Recruiting email

What:
When
Duration
How to sign up

Hello,
I know everybody files and keep their medical records safe. I would like to know all the ways in which they are handled and kept. I will **pay for your coffee** and listen to what you like and dislike as well as what you feel you are missing.

When: Thursday 28th May
Duration: 30min
How to sign up: reply back to the mail.

Questions

1. When was the last time you visited a doctor or medical practitioner? I don't need to know the reason but just a time reference?
(this question will refresh their memory and get them in a mode of elaborating on their answers)

2. Did you access any previous medical records? For your last visit?
If yes, can you walk me through the process of finding them
If no, did you keep any record of that visit?
(So what is the frequency of using medical records? This will also correlate with how often the app will be used)

3. Could you walk me through how you prepared to go for the check-up?
4. (At what point do they start searching for medical records if they have a check-up? Do they forget, let go or search, not bother)

5.
6. What did you save from your last doctor's visit?
7. (Did they think anything was worth recording or saving? To know their mindset about the importance of keeping up to date medical records)

8. how do you maintain them? Could I see your medical database closet?
9.
(To know about their current solution and why do they work with it)
(What is the current solution) and how is it beneficial and what are the pain points?)

10. At what point do you access medical records and how do you get them. to the right one?

11. Since you have a huge family where are all records kept and how are you able to find the right one?

Wrap-up

Thank you so much for sharing your experience and insights. Your answers will help our team build a better product. If you have any additional thoughts and comments, I would love to hear about them at any time. I can be reached at [sahiti.ag@gmail.com] . I hope you have a wonderful day.

Study 2: Survey

How to document Medical Records in the easiest way possible?

Background

In our previous study, we learned that people in this age group barely maintain their own medical records unless they are in any big issue. It was also communicated that they maintain somebody else's more than their own. This is a promising opportunity we may be able to target with our product, but more data is needed to better understand the needs and whether they generalize to the larger population of people.

Research Goal

This study focuses on better understanding user's needs related to maintaining and recording medical records, as well as better measuring the extent to which these needs are held by the majority of target users.

Survey Questions

1. Do you maintain your **own medical records?**
(This helps in understanding how **important people think maintaining records** are)
Yes
No
No time
Only important

2. In a month **how many times** do you go to any doctor or physician?
(This question is to know the **frequency with either past records** are accessed or new ones are recorded)
0 - 1
2
More than 3

3. Do you **have all your medical records,** namely your history, clinical findings, diagnostic test results, preoperative care, operation notes, post-operative care, daily notes of your progress, and medication sheets?
(This question is to give a sense what all is considered as medical records and if this is known by users and maintained)
Yes
No
Maybe

4. Do you **remember where you keep** your medical records?
(This question is to understand how easily records are available when required)
Yes
No
Maybe

5. Have there been times when you forgot to get your medical records and faced issues?
(To know if records were required and missed an important appointment or diagnosis for the same reason.)
Yes
No

6. How do you document your records
(to know more about its location)
In a file
In a basket
In a cupboard
online
Other

7. Are you able to search your medical records when required?
(To know the time it takes when records are required)
Immediately
After searching a lot
After searching for a bit
never

References

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