

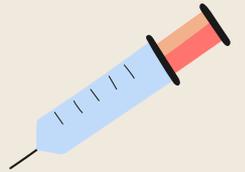


# Assignment 2

**Additional Needfinding, POVs, HMWs, and  
Experience Prototyping**

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Siddhartha J, Douglas K, Nash Y



# Medi-Pal



Siddhartha J

Computer Science + Design



Douglas K

Computer Science



Nash Y

Biomedical Computation

# Revisiting Last Week



## Lack of transparency in medical insurance



Patients feel deceived by health insurance companies. They demand immediate justifications and find it too tedious to read through long documents.



## Navigating healthcare for low-income groups



Low-income individuals are interested to learn about health, but lack media literacy. They do not know which sources to trust, and require more guidance to prevent scams.



## Emotional needs of patients with severe disease



Patients and caretakers fear the worst case. They want predictability and to know what to expect next.

Chosen Focus

# Problem Domain



## Original

Navigating insurance, medical billing, and healthcare resources for patients and caretakers from various financial backgrounds



## Updated

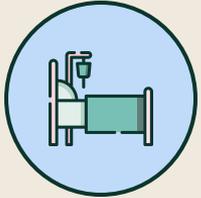
Simplifying how low/no-income individuals discover, understand, and access healthcare resources and insurance options.



# Additional Needfinding

# Locations

## Peninsula Healthcare Connection



Community health center for unhoused individuals.  
Exposes us to patients from different financial background (i.e., low-income).



## East Palo Alto Library

A community hub that attracts residents from diverse backgrounds, particularly low-income and underrepresented groups.  
Exposes us to perspectives beyond unhoused populations.

# Interviewees



Gordon

70-year-old  
unhoused  
individual with  
**mobility issues**

**Extreme by  
situation: mobility  
issues + no phone**



Harry

48-year-old PHC  
resident  
**sustaining brain  
damage** from an  
axe attack

**Extreme by  
situation: brain  
damage**



Ivan

28-year-old  
**unemployed** man  
who **recently  
moved** from Texas  
to California

**Extreme by  
situation: new to  
California**



Jane\*

50-year-old PHC  
resident with  
**anxiety**



\* Remark: We decided not to include Jane's interview in the analysis because the session was quite brief and did not yield sufficient information relevant to our research focus. She appeared to be under the influence of alcohol during the interview, which made it difficult to have a detailed conversation as she only gave one-worded answers. As this was also our first interview with all three team members present, she may have felt uncomfortable. We would have preferred to include all participants, but were unable to gather meaningful insights from Jane's healthcare experiences. Our main observations from the interview were that her insurance (Anthem) covers her healthcare needs and that she sees medical commercials on MTV during her free time.



# Needfinding Interview: Gordon

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70-year-old homeless male who has been paralyzed for 30 years





# Takeaway: Has access to resources, but feels disempowered

Observation: Gordon has access to and is a **frequent** (albeit sporadic) **user** of healthcare benefits from social services, but still **feels disempowered and helpless** due to his **inability to access these resources on his own**.

Need: Patients like Gordon needs a way to **manage and gain continued access** to relevant healthcare resources that help him maintain his health.

Insight: **Physical constraints and systemic barriers** prevent patients like Gordon from **proactively seeking and sustaining** their healthcare benefits, thereby leaving them **feeling without dignity**.

## Says

"The healthcare system out here is garbage, okay? The hospital may be okay, but then they're gonna discharge you from there like you have a family or you have a wife to go home to. ... They're a f\*cking piece of sh\*t."

## Does

"If I have to go somewhere for whatever reason, depending on what my couple friends are doing, somebody might just entertain me, push me over to the bus, put me on there, and go with me"

## Thinks

Understands that he needs to seek help and information, but believes he lacks the ability and resources to do so.

## Feels

Feels left behind by society and the healthcare system due to his age, family situation, and physical condition.

*Gordon expresses frustration and rants about the healthcare system and he could not navigate it himself.*



# Needfinding Interview: Harry

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48-year-old PHC resident sustaining brain damage from an axe attack





# Takeaway: Trauma-Driven Mistrust in Healthcare



**Observation:** Harry survived a violent assault and hospitalization but **now avoids doctors entirely**. Administrative errors, impersonal care, and chaotic hospital experiences reinforced his belief that the healthcare system is unreliable and dehumanizing.

**Need:** Patients like Harry need **consistent, care and human-centered communication** that rebuilds trust. This includes help navigating insurance, paperwork, and follow-up care **without fear of being ignored or mistreated**.

**Insight:** When people experience the healthcare system as cold, confusing, or unsafe, **trust becomes the barrier to access**.



## Does

Shares stories of survival to connect with Keeps mental notes about his health instead of written records..

Tries to find his girlfriend who is still struggling with instability.

## Feels

emotionally and physically worn from repeated trauma and self-reliance.

Angry at the healthcare system's incompetence and bureaucracy.

"It was terrible, man. I was in a coma for like 60 hours or something like that. They put back together my head and my shoulder, my back, and over my heart."

"The healthcare system? Well, at that point, you're in an emergency and you're stuck in a hospital. You're lucky to make it. I made it... They're more like a cult than doctors"





# Needfinding Interview: Ivan

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28-year old low-income male who is unemployed and recently moved from TX to CA







# Takeaway: Unaware of Provided Resources

Observation: Ivan has Medi-Cal but **doesn't understand what it covers or how to use it**. He relies on Google for medical advice and only reaches out to official sources when they need quick answers.

Need: Patients like Ivan need **clear, simple guidance** on how to actually use their healthcare benefits and where to find trustworthy medical information.

Insight: Even when patients have access to care, uncertainty about how to navigate it leads them to default to the most familiar sources, like Google, instead of using the support systems available to them.



## Does

Would use free preventive services if he knows they exist (e.g., free checkups, gym memberships).

Relies on shelters, neighbors, government assistance for help when newly arrived in CA.

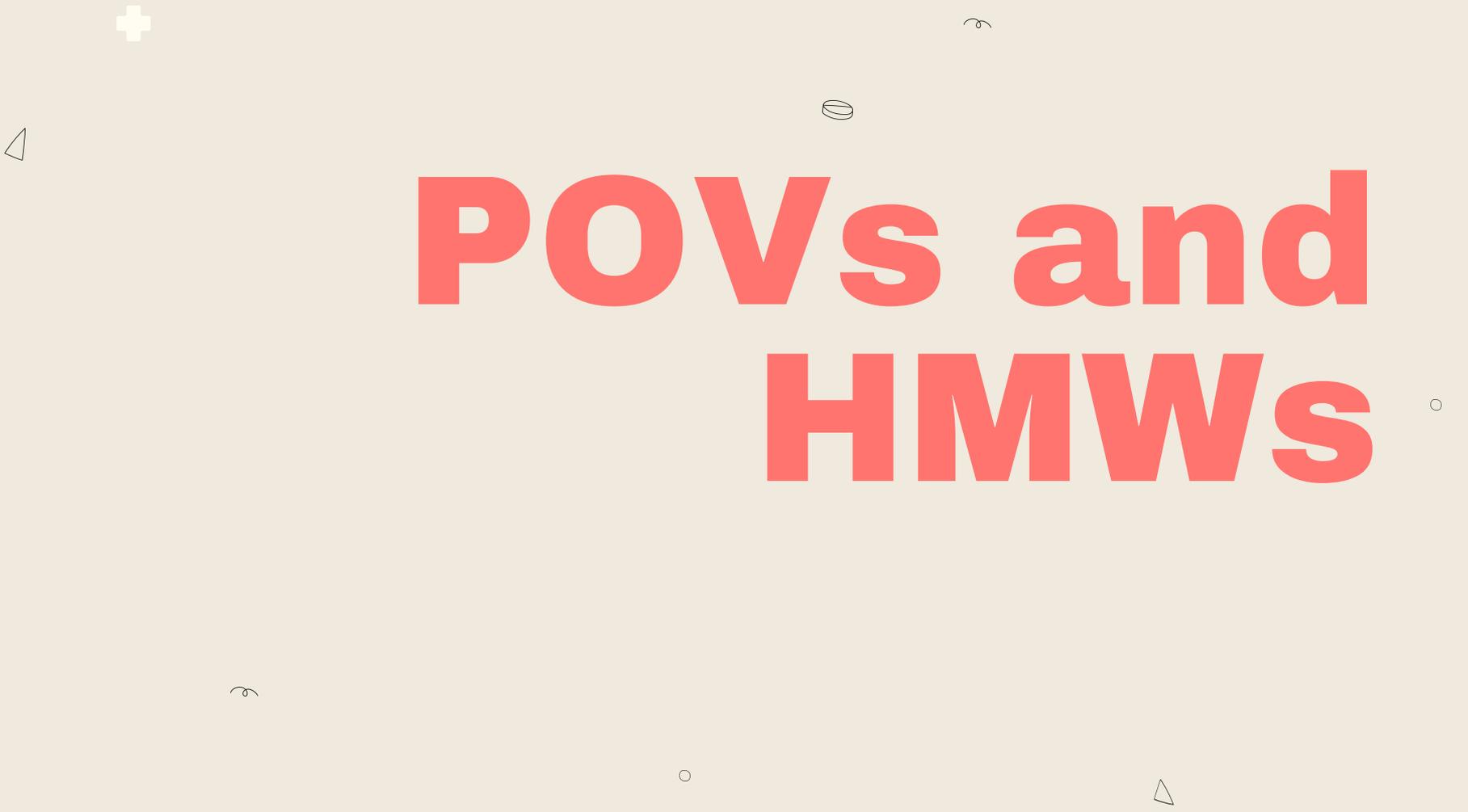
## Feels

Believes advertising/ accessibility matters - if benefits were visible, more people would use them.

Came to know that some services or perks (gym memberships, community resources) are available through Medi-Cal but isn't sure how to find them.

"The food bank and shelters gave me information on Medi-Cal, so I have Medi-Cal right now. But I still haven't done any research at all, so I have no clue what it does."

"I usually use Google for medical advice but I also call the medical hotlines if I want to get immediate answers"



# POVs and HMW's

# We chose to focus on these POVs...



Adam



Bella



Carl



Dan



Eric



Frank



Gordon



Harry



Ivan



Jane

# POV Development (Initial)

- *We met:* Eric, a homeless person who suffers from Type 2 diabetes and its complications
- *We were surprised to realise:* how motivated he was to learn about his health but quickly manipulated by online resources that were unverified (ie. not take insulin for years because some so-called doctor on YouTube said so)
- *We wondered if this means:* he lacks the ability to evaluate which information sources are credible
- *It would be game-changing if:* we can provide helpful resources that are made digestible for audiences with various levels of media literacy



# POV #1: Eric

- *We met:* Eric, a 62-year-old homeless senior citizen living with diabetes,
  - who, despite having full Medicaid coverage, struggles to navigate and trust medical information.
- *We were surprised to realise:* that even with complete healthcare coverage and positive relationships with doctors, Eric once refused life-saving insulin for years because of misleading advice from online “experts.” He now recognizes the harm but still finds it difficult to evaluate credible medical information on his own.
- *We wondered if this means:* Eric values relatability and emotional understanding over clinical accuracy when seeking health information, because online voices make him feel heard in ways the formal healthcare system has not.
- *It would be game-changing if:* Eric could feel the same sense of trust, relatability, and belonging with credible medical guidance that he currently finds in online communities.



## POV #2: Gordon

- *We met:* Gordon, a paralyzed homeless senior citizen living in Palo Alto
  - who is waiting and signalling for help outside a homeless services center every day.
- *We were surprised to realise:* that despite having frequent, albeit sporadic, access to healthcare benefits provided by social services (Medi-Cal), Gordon still feels disempowered and helpless due to his inability to access these resources independently and the lack of continuity in his care.
- *We wondered if this means:* for patients like Gordon, access to healthcare benefits is not just about eligibility, but also about dignity and the autonomy to act on their own behalf.
- *It would be game-changing if:* we can empower low-income patients to navigate and manage their healthcare benefits, and help them regain a sense of control and self-worth.



## POV #3: Ivan

- *We met:* Ivan, a 28-year old unemployed man in California (recently moved from Texas) who recently obtained Medi-Cal through local shelters but admits, “I don’t know what that does, but I got it.”
- *We were surprised to realise:* that even though he has free public health coverage, he has virtually no idea what it actually provides — and still feels financially at risk for future emergencies, so he uses Google and hospital websites to navigate health questions but rarely visits the doctor.
- *We wondered if this means:* that low-income patients like Ivan see health insurance as an bureaucratic formality rather than a beneficial resource because the benefits are hidden behind confusing language and unadvertised perks.
- *It would be game-changing if:* healthcare resources that were available to low/no income people felt like a real, visible safety net instead of invisible paperwork – if people like Ivan could see and understand their benefits as clearly as they see a Google search or food bank schedule



# Top 3 HMWs



## 1) HMW...

make credible medical advice as engaging and accessible as misleading online content?

- High frequency problem.
- Misinformation causes harm.



## 2) HMW...

ensure that Medi-Cal feels like a visible life-enhancing membership, with perks people actually enjoy discovering, using, and benefiting from?

- Range of impact: Universal among all Medi-Cal holders
- Novelty: "redefining" Medi-Cal



## 3) HMW...

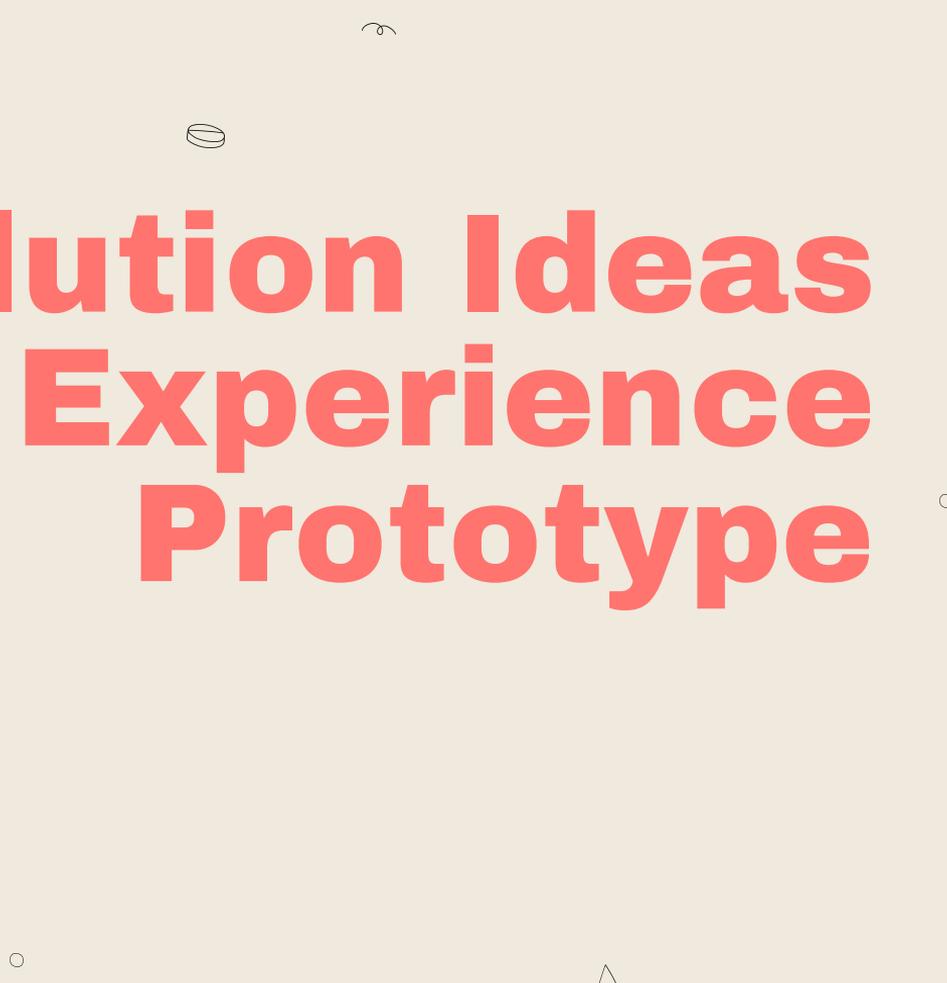
make healthcare guidance comforting and human instead of clinical or fear-inducing like Google results?

- Even wider range of impact: beyond just Medi-Cal holders
- Strong emotional pain point.





# **Solution Ideas and Experience Prototype**



# Solution Overview

## Clarity

A fact checker that comments on sources and intentions behind each information source, as well as makes complicated information more accessible. Every source referenced by fact checker can be accessed by user.



## Medi-Pal

Your guide to Medi-Cal. Lists all centers that provide healthcare benefits and what they provide on a treasure map. Allows for direct search and also guided discovery of new benefits with a simple swipe.



## Medic-aid

A trusted voice AI that delivers Medi-Cal information through recorded community ambassadors to embody trust and closeness. Users can ask any query and the voice AI will provide a comprehensive response.



1) **HMW** make credible medical advice as **engaging and accessible** as misleading online content?



# Solution 1



A fact checker that comments on sources and intentions behind each information source, as well makes complicated information more accessible. Every source referenced by fact checker can be accessed by user.

*Ethical Considerations: Who decides what is truthful and what is not? How do we ensure our system is fully transparent and interpretable? Can we truly make an unbiased judgment about a source's intentions?*



# Participants



Liam

64-year-old  
unhoused  
veteran



Miguel

37-year-old  
security guard  
working at PHC  
(low-income,  
on Medi-Cal)



Nancy

43-year-old  
hairdresser  
working at PHC  
(low-income,  
on Medi-Cal),  
has diabetes



# Assumptions

- ★ **Crucial:** If this assumption does not hold, Clarity does not need to exist.
- ★ **Non-obvious** across different age groups - younger people also have access to public schooling.

“Low-income patients lack the media literacy to evaluate the validity of healthcare information and its sources.”

**CLARITY**  
Fact Checker



WHY should it exist? (Existential)

HOW does it work? (Implementation)

“Patients do not react negatively to being fact checked”

“Patients will change their judgment and behavior after being fact-checked”

# Prototype Description

- Gathered playlist of several YT shorts, some having truthful information and others misinformation. (Prop)
- Had users identify how truthful the information was and what they thought about it. (Scene, Role)
- How it tests our assumption: If our assumption holds, participants would perform poorly (i.e., <50%) in this activity.



# How it went!



Participant watching a video short stating that chiropractors were real medical doctors. (He spotted the fake!)



Participant watching a video short that Eric watched of so-called doctors claiming that insulin was bad for diabetics. (He did not spot the fake.)

# Observations

True or false: Low-income patients lack the media literacy to evaluate the validity of healthcare information and its sources.



Partially true



## What worked

- We discovered participants were susceptible to several kinds of biases.
  - Blindly trusts “so-called experts”
  - Anchors judgment on past experience
  - Wishful thinking
- None of the participants tried searching up the author of the information source.



## What didn't work

- Participants were aware that they need to **consult more sources** to fact-check their information before believing it.
- They were usually **more skeptical** when healthcare information is provided by **non-professionals**.
- They may **refuse to comment** when they were not familiar with the video content.
- Average participant score: ~64%.



# Key Insights and Analysis



## Blindly trusts “so-called experts”

**Context:** We showed participants the video Eric watched, in which doctors claimed insulin was bad for diabetics  
**Reaction:** Participants immediately treated the video as truth because it was **presented by a “professional”**, even though the professional **did not provide any evidence** for their claims.  
**Insight:** People understand that they are not health experts and are not confident in making their own judgments. So, they **delegate their judgment** to perceived professionals.



## Over Reliance on personal experience

**Observation:** Most common reason for wrong answers. Personal experience overrides expert opinion as most important factor for source evaluation.  
**Example:** Participant **denies expert's claim** that longevity supplements do not exist, claiming that “every herb has a cure for everything” because his friend stopped having kidney stones after eating herbs.  
**Insight:** Some people equate personal experiences as “truth” because they have experienced it first-hand. Whereas, **expert authority is less reliable** to them.

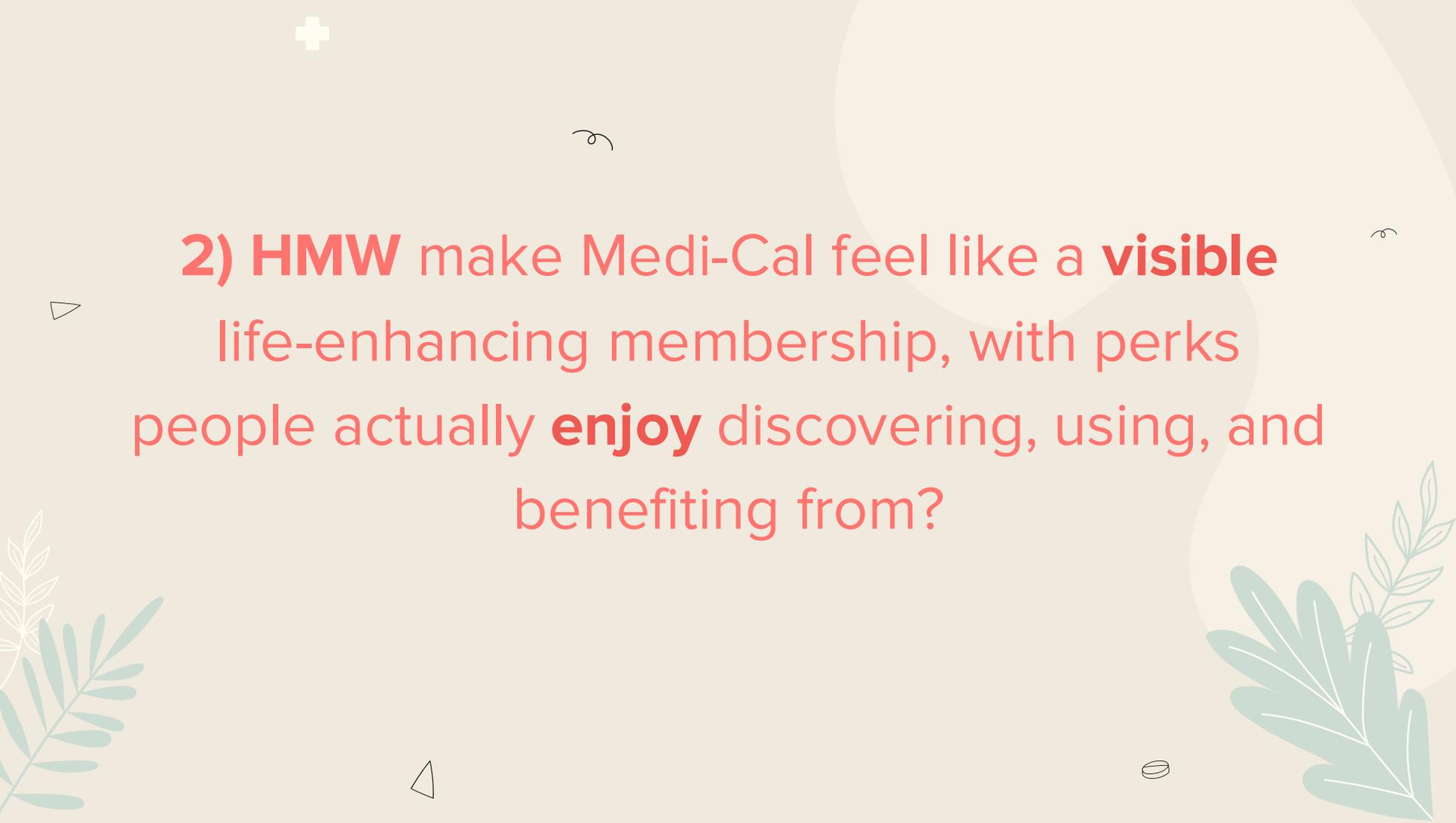


## Wishful Thinking

**Observation:** Some participants believed false information because they wanted it to be true.  
**Example:** When presented with a misleading advertisement for a “bunion corrector”, the participant mentioned that they would **prefer purchasing the corrector over seeing the doctor** because of lower costs and **the idea that the corrector “might work”**.  
**Insight:** People may believe in misinformation **due to emotion (i.e., to reduce discomfort)**, rather than lack of knowledge.

### Key Takeaways:

- ❖ We will need to probe the user’s experiences about a topic before providing information, as the user may react negatively if the information contradicts their past experiences.
- ❖ The fact checker will need to know how to anticipate the user’s emotional reaction.
- ❖ Ethical Consideration: fact checker may need to provide additional sources and empower user to make their own judgment.



2) **HMW** make Medi-Cal feel like a **visible** life-enhancing membership, with perks people actually **enjoy** discovering, using, and benefiting from?

# Solution 2



## Medi-Pal

Your guide to Medi-Cal. Lists all centers that provide healthcare benefits and what they provide on a treasure map. Allows for direct search and also guided discovery of new benefits with a simple swipe.

**Ethical Considerations:** How do we ensure that the listed healthcare benefits are valid and available? How do we decide which healthcare facilities to show to users?

# Participants



Liam

64-year-old  
unhoused  
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Miguel

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security guard  
working at PHC  
(low-income,  
on Medi-Cal)



Nancy

43-year-old  
hairdresser  
working at PHC  
(low-income,  
on Medi-Cal)



# Assumptions

- ★ **Crucial:** If this assumption does not hold, Medi-Pal does not add any value.
- ★ **Non-obvious:** There may be constraints/barriers to accessing a resource (e.g., distance, hidden costs)

“Low-income patients will actually use the free healthcare benefits that are given to them.”

## MEDI-PAL

Guide to all Medi-Cal Benefits



WHY should it exist? (Existential)

HOW does it work? (Implementation)

“Low-income patients can locate their desired resources on a map.”

“Guided discovery would lead patients to discover new resources that they are interested in.”

# Prototype Description

- We used a PowerPoint to show different free medical resources and the cost (e.g., time, public transport) to get the resource labeled on each slide (Prop)
- Asked participants to draw on a spectrum (printed sheet of paper) about how likely they would travel/spend money in order to get that resource (Scene, Role)
- How it tests our assumption: If our assumption holds, then participants should indicate that they are likely to pursue most resources.



# How it went!



Participant indicating his willingness to use a specific resource on our spectrum.



One participant was having a haircut, so gave verbal responses instead of drawing his preferences (as intended).

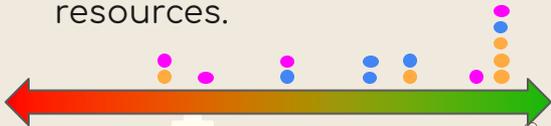
# Observations

True or false: Low-income patients will actually use the free healthcare benefits that are given to them.



## What worked

- For most resources, most patients were very intrigued.
- Participants did not view the costs of public transport as a barrier to accessing these resources.



## What didn't work

- Time is money: if participants believed that they needed to put too much effort to obtain a health resource (e.g., >30 minutes of public transport), they would be reluctant to use the resource.
- Willingness depends on personal preference: for example, many participants dismissed resources such as mental health and counselling because they "did not need it".

Will not use resource

Will use resource



# Key Insights and Analysis



## They may already be using these benefits (but paying)

Observation: Some participants were paying money for medical benefits they could have gotten for free.

Example: One patient paid thousands of dollars to private insurance companies due to a **lack of awareness of existing medical benefits** (i.e., veteran health insurance).

Insight: It is evident that some healthcare benefits **align with what patients actually want and need**. Since these benefits are desirable (and free), low-income patients are likely to take advantage of these benefits if they know about them.



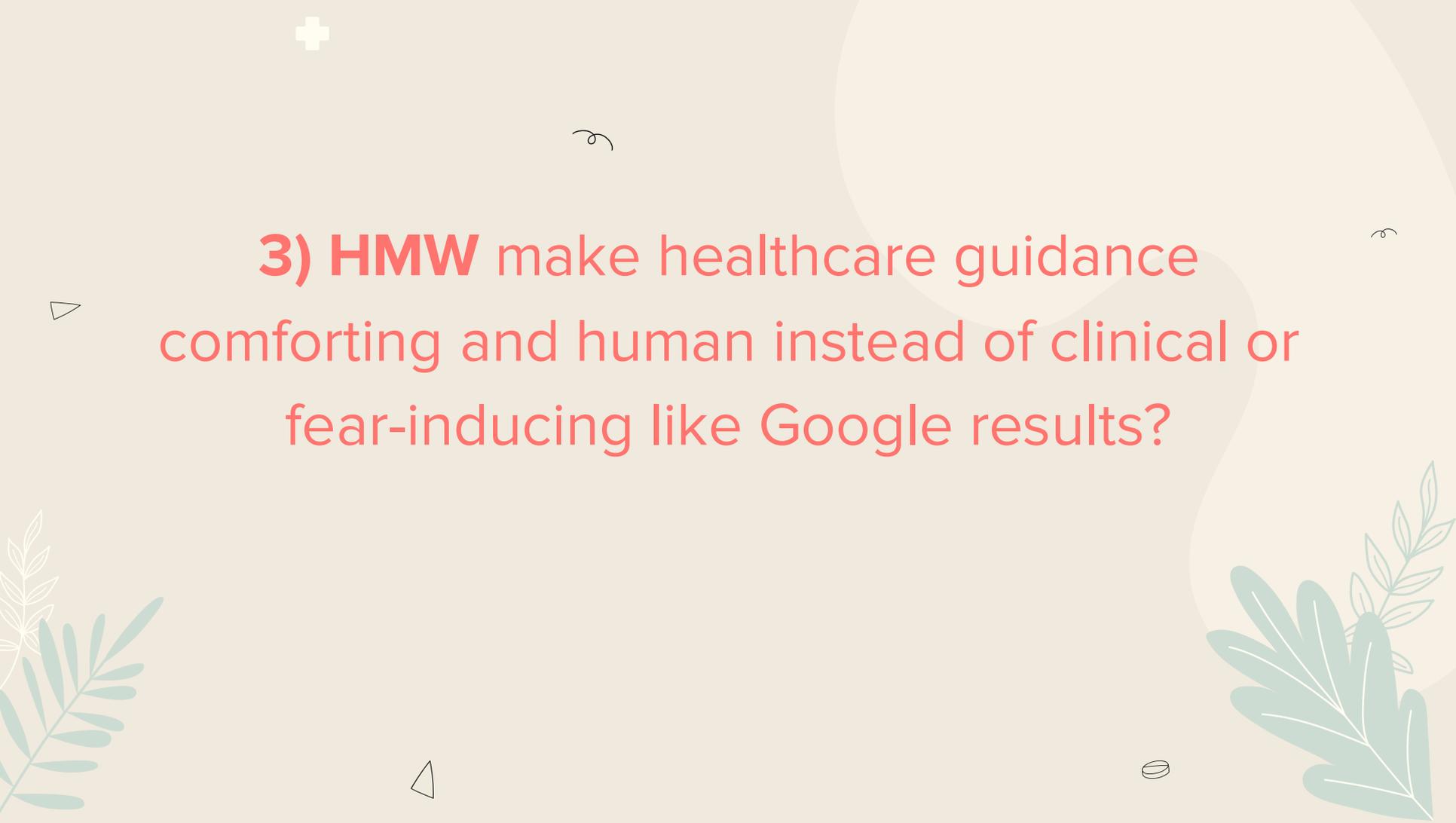
## They need to be told which resources are available

Observation: Patients **did not seem to know how to articulate** what resources they need, but become **highly interested when they discover/learn** about a resource that they think is needed. Example: Participant became highly interested when learning about free dental benefits and kept asking about it. He was **not able to articulate this need at the start** when we asked him about which healthcare benefits he wanted.

Insights: When patients are exposed to new information, they may **discover new needs** that they were previously not aware of.

### Key Takeaways:

- ❖ Knowing that users may not be able to articulate their needs, we will need to make free resources discoverable and feed it to the user. On the other hand, a search bar may not be as effective.
- ❖ Ethical consideration: free benefits that are most commonly used should be listed on the top. This will help more people avoid paying for benefits they can access at no cost.



**3) HMW** make healthcare guidance comforting and human instead of clinical or fear-inducing like Google results?

# Solution 3



## Medic-aid

A trusted voice AI that delivers Medi-Cal information through recorded community ambassadors to embody trust and closeness. Users can ask any query and the voice AI will provide a comprehensive response.

**Ethical Considerations:** Do community ambassadors give consent to their voices being used by AI? How do we make sure that the voice AI always give accurate responses, as errors may cause harm? How do we prevent users from becoming overly dependent on AI? Can we design systems that build trust without manipulating the user?

# Participants



Liam

64-year-old  
unhoused  
veteran



Nancy

43-year-old  
hairstresser  
working at PHC  
(low-income,  
on Medi-Cal)



Olivia

31-year-old  
staff working  
at PHC (low-  
income, on  
Medi-Cal)



# Assumptions

- ★ **Crucial:** If this assumption does not hold, Medic-aid should not exist.
- ★ **Non-obvious:** There may be privacy concerns as health information is highly private. Users may also not be comfortable bonding with a machine.



“Patients are comfortable with talking to an AI voice agent about their health.”

**MEDIC-AID**  
Trusted Voice AI



WHY should it exist? (Existential)

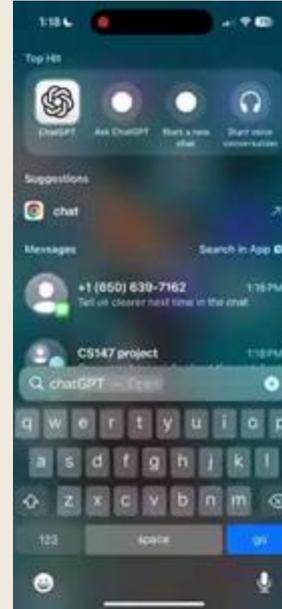
HOW does it work? (Implementation)

“Patients are satisfied with the AI voice agent’s response.”

“Patients feel warmth and rapport when talking to AI systems.”

# Prototype Description

- Had a GPT bot act as a medical resource tool specifically tasked to answer questions from participants (Prop)
- Had participants verbally ask questions to the bot and after receiving answers, had them give us their thoughts (Scene, Role)
- How it tests our assumption: Based on the participant's interaction with the bot, we can gauge whether they were comfortable with the interaction.



## Sample Questions:

- "What can I even do with MediCal?"
- "Does MediCal pay for prescriptions or gym memberships?"
- "I just got a big hospital bill — what should I do?"
- "I don't really go to doctors unless it's serious — what can you do for me?"
- "How do I use MediCal for mental health or dental stuff?"

# How it went!



Participant asking the AI voice agent for email addresses and next steps. We noticed that this was a typical interaction pattern - more details in "Key Insights".



Participants came in with their own queries too: e.g., will Medi-Cal transfer to her kids? Participant concentrated when listening to AI and looked convinced, treating it as a legitimate source.

# Observations

True or false: Participants are comfortable with talking to an AI voice agent about their health.



## What worked

- Most participants agreed that the AI voice agent gave them answers, information, and advice that they wanted.
- Some participants fully trusted the AI voice agent.
  - This may be caused by misunderstanding of how AI works.
  - For example, One participant fully trusted the AI voice agent because they thought AI was created by a professor. He believed that all AI-generated facts originate from human input, and therefore, these facts must be correct.



## What didn't work

- Some participants highlighted that they would need to do further fact checks to verify AI-generated information, especially for high-stake scenarios.
  - Though, this is a procedure they would perform for most information sources, not just AI.
- One participant preferred talking to humans.
  - She felt genuine connection and support when talking to humans. When talking to AI, she only feels that AI analyzes what she wants to hear and says it.

# Key Insights and Analysis



## Asking for hotlines and sources

**Observation:** When asking about resources, most participants asked AI to leave contact information about how to access the resource: e.g., hotline, email. They would also ask AI to cite their sources.

**Insight:** Most participants may not fully trust the AI and wish to seek confirmation from an actual person/resource provider.



## Advice without Action

**Observation:** Some participants highlighted that AI only gives advice, but that it does not do anything for you.  
**Example:** One participant was interested in Medi-Cal's dental benefits. She highlighted that although the AI agent gave all the answers she wanted, she had to locate the dental clinic, find their contact person, and book an appointment on her own. So, she felt that AI's help was inadequate.

**Insight:** Information on its own is not valuable, as patients are already overwhelmed by the complexities of Medi-Cal. What they need is the support that helps them act on the info.



## Understood vs Helped

**Observation:** One participant highlighted that when she gets help from humans, she feels a sense of solidarity and connection because the counterparty truly wanted her to succeed. But when she gets help from AI, she feels that she is navigating the situation alone. She also feels that AI would analyze what she likes and only say what she wants to hear.

**Insight:** People need more than just answers and help, as they also want to feel that others truly care about their wellbeing. Whilst human connection is authentic, AI help may be seen as calculated and insincere.

### Key Takeaways:

- ❖ It would help to list a contact person (and their contact information) for every healthcare benefit that users learn about.
- ❖ We can explore streamlining the whole procedure of obtaining a healthcare benefit into a simple task.
- ❖ The main design challenge will be to make users feel understood and supported - this does not necessarily need to be achieved by AI (e.g., building an online community / support groups)
- ❖ Ethical consideration: We need to inform users up front that they are interacting with AI.



# Next Steps

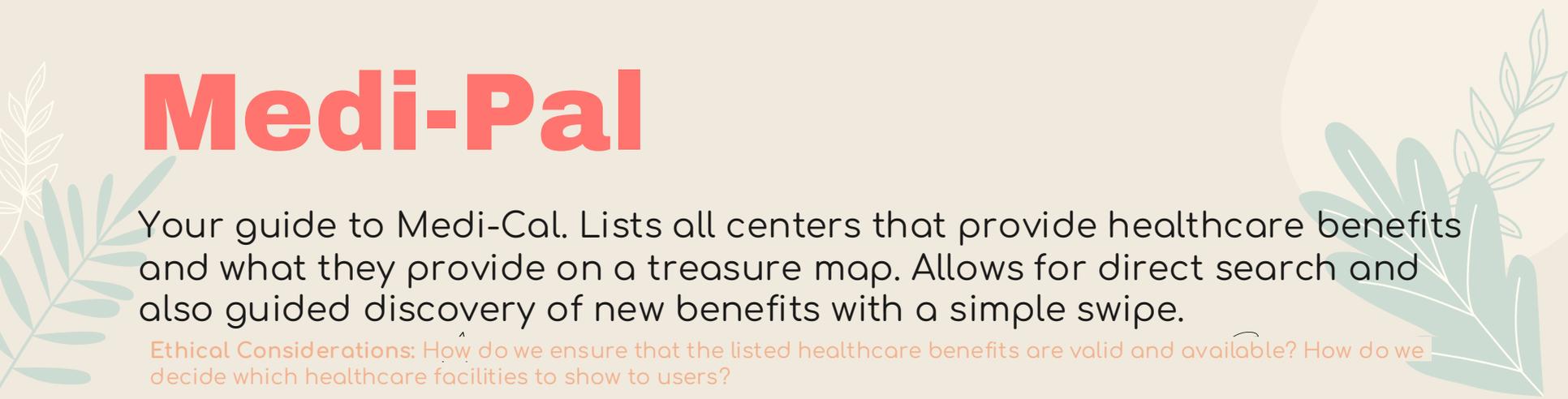


# Chosen Solution

## Medi-Pal

Your guide to Medi-Cal. Lists all centers that provide healthcare benefits and what they provide on a treasure map. Allows for direct search and also guided discovery of new benefits with a simple swipe.

**Ethical Considerations:** How do we ensure that the listed healthcare benefits are valid and available? How do we decide which healthcare facilities to show to users?



# Why Medi-Pal

01

**Most  
Universal  
Issue across  
User  
Interviews**



02

**High  
Frequency  
Problem:  
Large  
Budget  
Allocations**



03

**Magnitude of  
Impact  
across  
Geographies**



04

**Lowest  
Barrier for  
Adoption**



# Target User and Scope

## Out of Scope (by intention)



Not low-income



Different role: clinic admin (though he will be influenced by Medi-Pal)

Not a California resident

**Target User Group:** low-income patients in California, usually with (but not excluding) Medi-Cal coverage



Unhoused  
Individuals

Housed,  
low-income

## May be excluded



No personal electronic device / Low digital literacy

→ Support alternatives (e.g., voice interface via hotline at public phone booth)

Low-income patients who are not aware of Medi-Pal (information asymmetry)

→ Ask social workers / outreach teams to help with promotion  
→ Use offline promotional material (e.g., flyers) at community centers / public facilities

# Ethical Implications

**Only in California  
(left out)**

**Medical Resource  
Overburden**

**Data and Personal  
Privacy**

**Assuming People  
are Technology  
Forward (leaves out  
people with no  
device)**

# Appendix



# Solution Brainstorming

HMW make MediCal feel like a visible life-enhancing membership, with perks people actually enjoy discovering, using, and benefiting from?

|  |   |   |
|--|---|---|
| Community sharing with friends   | Rewards app   | Tiered membership program   |
| Milestone events   | Everyone has AI agent that is member of MediCal   | Community - get more perks if you share   |
| Themed communities - e.g., dental group, fitness group   | Personal trainer for all  | A MediCal "Fun Rewards" program where users could choose to have small and big rewards to engage in rewards                   |
| Based on date & achievements, give future projections  | League tables - more perks used gives you higher rank   | Storyboard of progress  |
| Calendar   | Neighborhood map - e.g., Snapchat   | Personas for the app that encourage patients to explore around and view things in hospitals that provide healthcare resources |
| Tracker like app where patients can enter signs or symptoms they feel and can be notified for benefits they don't have. Algorithm shows preferences. | Use the patient to find all content that provide healthcare benefits and what they provide. Users can search for benefits that they need built into benefits. |   |

HMW make healthcare guidance comforting and human instead of clinical or fear-inducing like Google results?

|   |   |  |
|---|---|--|
| Voice AI from trusted person  | A trusted voice for that offers medical information through recorded community experiences to enhance trust and outcomes. | Voice AI from celebrities  |
| Peer-to-Peer Coaching   | Illustrated health comics   | System/platform that connects you to actual humans or volunteers |
| Diary + Journaling of journey   | Day in the life stories   | Healthcare guidance from "not female/male"                       |
| Care healthcare provider with AI and use as an interaction                  | Careful and visual design (graphics)  | Compare results to previous and see how much you give back help. |
| AI chat interface that checks in with participant and knows them personally | Comfort coaches   | Talk to future self who is doing well                            |
| Talk to a real nurse  | Talk with peers/ neighborhood   | Themed community groups  |

HMW redefine MediCal from a safety net for emergencies to a proactive wellness toolkit?

|  |                                |  |
|--|--------------------------------|--|
| share your story to others (platform)                  | Comfort peers / buddies        | Fitness buddies  |
| Preventative care bingo card                           | ask medical hotline/ text bot  | You get points for wellness commitments  |
| Wine journaling that impacts and makes recommendations | Community wellness ambassadors | App where people can give "gifts" that point to resources  |
| Daily check in AI chats                                |                                | App that shows daily self-care tasks and health status over 36 months through full integration and analysis. |
| Benefits discovery map                                 | Trust circles                  | Discover page for benefits   |

HMW make credible medical advice as engaging and accessible as misleading online content?

|  |  |   |
|--|--|---|
| Cite all sources for all information   | Youtube shorts "myth vs truth"           | Ask me anything live streams  |
| AI generated short form videos using Medi-Cal resources                                  | Healthy memes (story of shareable memes) | Person who read book about how to read different resources and how to use them effectively. Also can be used to create content. |
| Daily levit nudges from credible sources   | Verified by doctors label on content     | Games to learn about medical advice   |
| AI fact checker for all health-related information that has been shared with participant | Doctor duets/ stitches on videos         | Story sharing where they talk about medical advice  |
| Twitter like fact checker that comments on sources and mentions behind source            | Mythbusters                              |   |

