Empathy Map

Early Diagnosis Of Diseases Using Image Processing Of Human Nails

In healthcare, nail color and shape can indicate diseases in the body, but human observation is limited. To address this, we're creating a model for early Nail Disease detection. Users capture nail images, send them to the model, which analyzes and identifies potential diseases. This technology overcomes human limitations in detecting subtle color changes, enabling timely disease prevention and diagnosis.

WHO are we empathizing with?

- Healthcare Professionals
- Researchers
- Individuals seeking early disease detection

GOAL

What do they need to DO?

- Transition from relying solely on subjective observations to integrating a new technology into their practice.
- Improved patient care through early intervention.
- Assess the accuracy and reliability of the technology in real-world scenarios.

What do they HEAR?

- They learn about technology's advantages, like enhanced disease detection and workflow
- Friends in the medical field share stories of successful technology implementation and its positive impact on patient care.
- Colleagues engage in discussions about integrating the technology into their practice, providing insights into its effectiveness.
- Second-hand information from industry publications and conferences informs them about the latest advancements in medical technology, including nail disease detection.

What do they THINK and FEEL?

PAINS
What are their fears, frustrations, and anxieties?

- They think about the potential benefits of advanced technology in healthcare.
- They feel a mix of hope and skepticism about adopting new technology.
- Fears and frustrations may revolve around the accuracy and reliability of the technology.
- Anxiety may arise from the learning curve, resistance to change, and concerns about false results or misdiagnoses.

GAINS
What are their wants, needs, hopes, and dreams?

- They want advanced technology to improve healthcare and disease detection.
- Their needs include accurate and reliable diagnostic tools.
- They hope for enhanced patient care and well-being through innovation.
- Their dream is a future where healthcare technology makes a positive impact on their work and health.

What other thoughts and feelings might influence their behavior?

- **Curiosity**: A desire to explore and understand new technology.
- **Competitiveness**: A drive to stay ahead in their field by embracing innovation.
- **Responsibility**: A sense of duty to provide the best care or conduct impactful research.
- **Ethical Concerns**: Consideration of the ethical implications and privacy issues related to healthcare technology.
- **Patient Outcomes**: Concern for the well-being and health outcomes of patients.

What do they SEE?

- Healthcare Professionals see the potential for technology to improve disease detection.
- Researchers see opportunities for groundbreaking contributions through innovative tech.
- Individuals seeking early disease detection see the potential for self-monitoring using health-related technology.
- All of them observe growing interest and demand for healthcare technology in the marketplace

What do they SAY?

- They've expressed optimism about the potential of new technology.
- We can imagine them saying that adopting this technology will significantly benefit them and their work.
- They've shared excitement about the possibilities of healthcare innovation.

What do they DO?

- Currently, they rely on traditional methods and observations for disease detection.
- We've observed them seeking out information on the latest healthcare technology.
- We can imagine them actively adopting and integrating advanced technology into their practices for more accurate disease detection and better patient care

Team Members

- Harsh Pandey- 21BCE0617
- Rahul Kumar- 21BCE0625
- Kabir Chawla- 21BCE0950
- Akshat Goyal- 21BCE2686