Ideation Phase Empathize & Discover

Date	18 th October 2023
Team ID	PNT2023TMID593189
Project Name	Project – Crime Vision
Maximum Marks	4 Marks

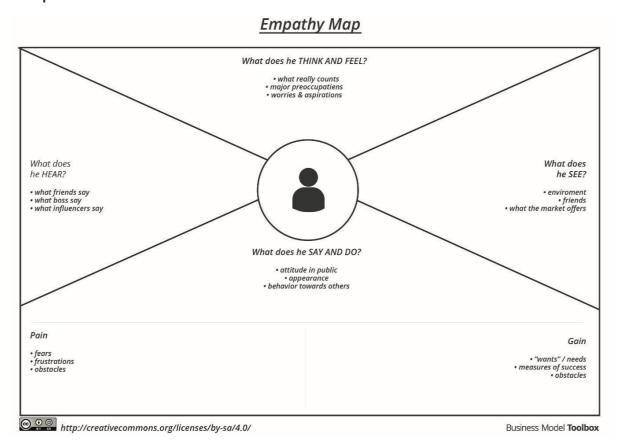
Empathy Map Canvas:

An empathy map is a simple, easy-to-digest visual that captures knowledge about a user's behaviours and attitudes.

It is a useful tool to helps teams better understand their users.

Creating an effective solution requires understanding the true problem and the person who is experiencing it. The exercise of creating the map helps participants consider things from the user's perspective along with his or her goals and challenges.

Example:



Reference: https://www.mural.co/templates/empathy-map-canvas

Crime Vision (Team ID: 593189)

Project Description:

This project uses a special kind of computer technology called deep learning to help identify different types of crimes from pictures and videos. Deep learning is like teaching a computer to recognize patterns in images. We can use it to look at pictures or videos of crime scenes and figure out what kind of crime happened. This is really helpful for police and investigators. It helps them investigate crime scenes better and analyze evidence. It can also be used to watch a lot of video footage and spot any unusual or suspicious activities. This way, they can plan ways to stop crimes from happening in the future.



Empathy map canvas

Use this framework to empathize with a customer, user, or any person who is affected by a team's work. Document and discuss your observations and note your

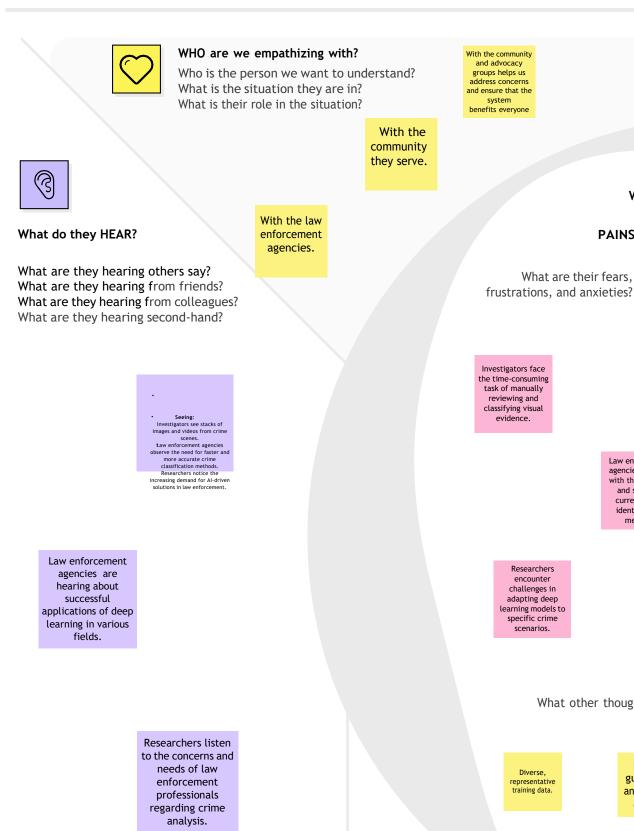
assumptions to gain more empathy for the people you serve.





Develop shared understanding and empathy

Summarize the data you have gathered related to the people that are impacted by your work. It will help you generate ideas, prioritize features, or discuss decisions.



PAINS

Law enforcement

agencies struggle with the accuracy

and speed of

current crime identification

Ethical

guidelines

and regular

audits.

What are their fears,

GOAL

What do they THINK and FEEL?

 $(\tilde{\mathbb{A}}_{\tilde{\mathbb{A}}})$

GAINS

What are their wants,

needs, hopes, and dreams?

breakthroughs in the field of crime analysis and greater collaboration with

What do they need to DO? What do they need to do differently?

What job(s) do they want or need to get done? What decision(s) do they need to make? How will we know they were successful?

Investigators see stacks of images and videos from crime scenes.

Provide user training and implement strong privacy prote

Law enforcement agencies observe the need for faster and more accurate crime classification methods.

(1)

Researchers notice the demand for Aldriven solutions in law enforcement.

What do they SEE?

What do they see in the marketplace? What do they see in their immediate environment? What do they see others saying and doing? What are they watching and reading?



What do they SAY?

What have we heard them say? What can we magine them saying?

discuss the need for automated tools to aid in crime identification.

discuss the need for automated tools to aid in crime identification.

Investigators discuss the need for automated tools to aid in crime

What do they DO?

What do they do today? What behavior have we observed? What can we imagine them doing?

Utilize the Crime Identification
System to analyze images and videos from crime scenes.

> Incorporate the system's insights into their investigative

They addresses the needs and concerns of both law enforcement and the communi

What other thoughts and feelings might influence their behavior?

User-

friendly

feedback

platform.



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