Ideation Phase
Empathize & Discover

Date	6 November 2023
Team ID	Team-592316
Project Name	Project - Detecting COVID-19 From Chest X-Rays Using Deep Learning Techniques
Maximum Marks	4 Marks

Project Empathy Map Link : LINK
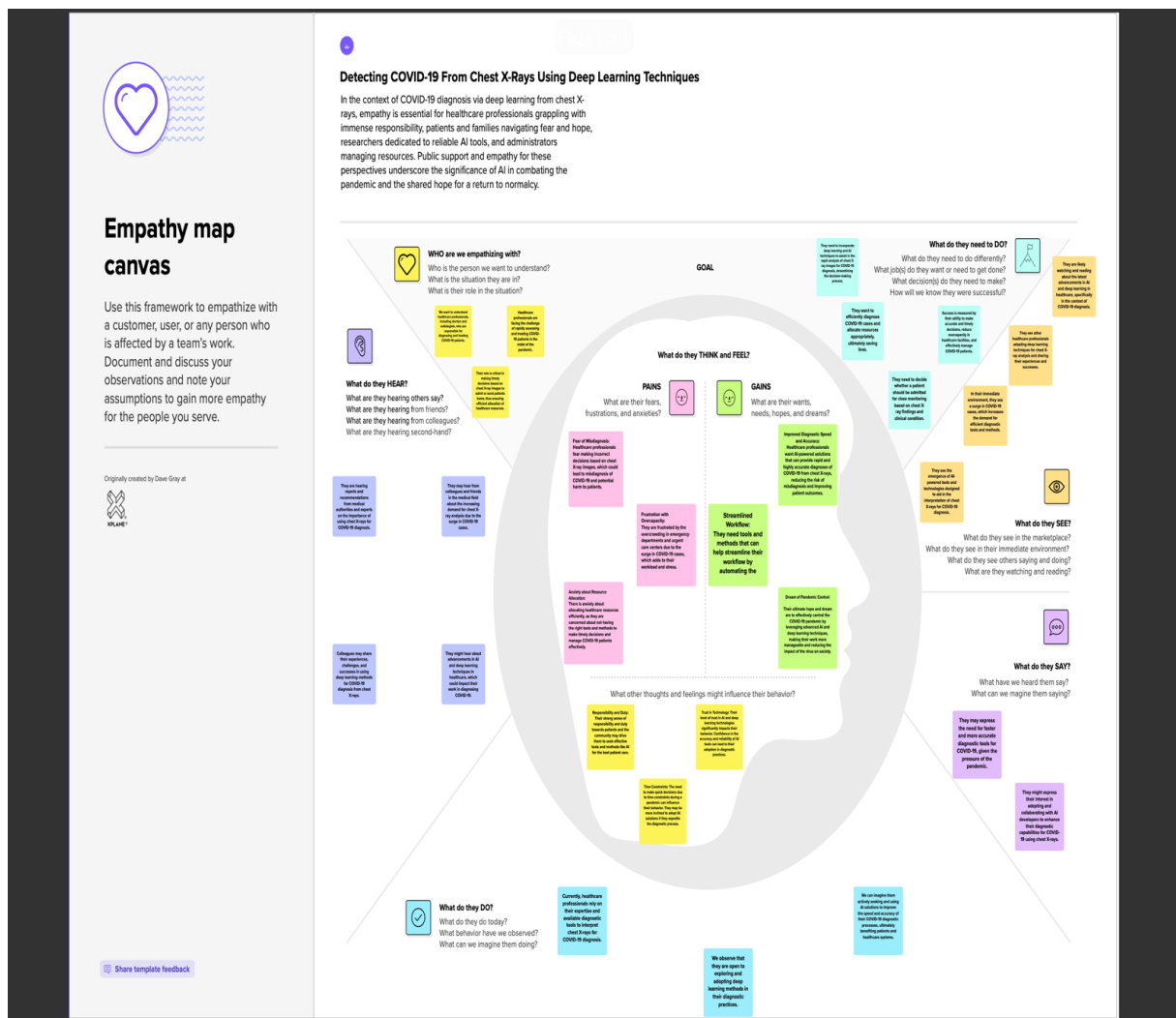
Ideation Phase
Brainstorm & Idea Prioritization Template

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Brainstrom Link : LINK

Step-1: Team Gathering, Collaboration and Select the Problem Statement

Step-2: Brainstorm, Idea Listing and Grouping

2 Brainstorm

Write down any ideas that come to mind that address your problem statement.

🕐 10 minutes

TIP
You can select a sticky note and hit the pencil (switch to sketch) icon to start drawing!

Person 1

Develop an AI-powered mobile app that healthcare professionals can use to analyze chest X-ray images and receive instant COVID-19 diagnostic recommendations.

Create an online platform where radiologists and AI developers can collaborate and share AI models for cloud X-ray analysis, fostering a community-driven approach to improve accuracy.

Organize a virtual conference with experts in AI and radiology to discuss the latest advancements and best practices in AI-assisted COVID-19 diagnosis from chest X-rays.

Person 2

Establish a public-private partnership to provide AI training and resources to healthcare institutions for implementing AI solutions in COVID-19 diagnosis.

Develop an AI-driven chatbot for patients that offers information about the chest X-ray process, reducing patient anxiety and improving the overall healthcare experience.

Create an AI adoption roadmap with clear milestones and KPIs to guide healthcare professionals and institutions through the process of integrating AI into their workflow.

Person 3

Form a multi-disciplinary task force, including clinicians, radiologists, and AI experts, to validate and validate AI models for COVID-19 diagnosis, ensuring their accuracy and safety.

Establish partnerships with universities and research institutions to conduct in-depth studies on the impact of AI adoption in healthcare settings, addressing concerns and preparing solutions.

Develop a comprehensive AI training program for healthcare professionals, including certification options, to build competence in using AI to COVID-19 diagnosis.

Person 4

Create an AI-powered feedback loop for healthcare professionals to report issues and provide input for AI model improvement, fostering continuous refinement and adaptation.

Launch a public awareness campaign to educate the general population about the benefits and limitations of AI in COVID-19 diagnosis, promoting informed decision making and support.

Collaborate with tech companies to provide AI toolkits for rapid development of AI solutions tailored to specific healthcare facilities, accelerating the adoption of AI in diagnosis.

3 Group ideas

Take turns sharing your ideas while clustering similar or related notes as you go. Once all sticky notes have been grouped, give each cluster a sentence-like label. If a cluster is bigger than six sticky notes, try and see if you can break it up into smaller sub-groups.

🕐 20 minutes

TIP
Add customizable tags to sticky notes to make it easier to find, browse, organize, and categorize important ideas as themes within your mural.

Develop an AI-powered mobile app for real-time chest X-ray analysis and COVID-19 diagnostic recommendations.

Establish a task force consisting of experts to validate and endorse AI models for COVID-19 diagnosis, ensuring accuracy and safety.

Form a public-private partnership to provide comprehensive AI training and resources for healthcare institutions, facilitating the seamless integration of AI in healthcare settings.

Create an AI adoption roadmap with clear milestones and KPIs to guide healthcare professionals and institutions in AI integration.

Step-3: Idea Prioritization

4 Prioritize

Your team should all be on the same page about what's important moving forward. Place your ideas on this grid to determine which ideas are important and which are feasible.

🕐 20 minutes

TIP
Participants can use their cursors to point at where sticky notes should go on the grid. The facilitator can confirm the spot by using the laser pointer holding the **H key** on the keyboard.

Importance
If each of these tasks could get done without any difficulty or cost, which would have the most positive impact?

Develop an AI-powered mobile app for real-time chest X-ray analysis and COVID-19 diagnostic recommendations (High Importance, High Feasibility).

Establish a task force consisting of experts to validate and endorse AI models for COVID-19 diagnosis (High Importance, High Feasibility).

Form a public-private partnership to provide comprehensive AI training and resources for healthcare institutions (High Importance, High Feasibility).

Create an AI adoption roadmap with clear milestones and KPIs to guide healthcare professionals and institutions in AI integration (High Importance, Medium Feasibility).

Feasibility
Regardless of their importance, which tasks are more feasible than others? (Cost, time, effort, complexity, etc.)

After you collaborate

You can export the mural as an image or pdf to share with members of your company who might find it helpful.

Quick add-ons

Share the mural
Share a view link to the mural with stakeholders to keep them in the loop about the outcomes of the session.

Export the mural
Export a copy of the mural as a PNG or PDF to attach to emails, include in slides, or save in your drive.

Keep moving forward

Strategy blueprint
Define the components of a new idea or strategy.
Open the template →

Customer experience journey map
Understand customer needs, motivations, and obstacles for an experience.
Open the template →

Strengths, weaknesses, opportunities & threats
Identify strengths, weaknesses, opportunities, and threats (SWOT) to develop a plan.
Open the template →