

Ideation Phase

Brainstorm & Idea Prioritization

Date	23 October 2023
Team ID	NM2023TMID08529
Project Name	Vaccine Tracking Transparency
Maximum Marks	

Literature survey

Certainly, conducting a literature survey on vaccine tracking and transparency is crucial for understanding the current state of research and developments in this field. Here are a few key points you might want to consider when conducting your literature survey:

1. Historical Perspective:

Look into the historical development of vaccine tracking systems. Understand how tracking methods have evolved over time and the impact of technological advancements.

2. Technological Solutions:

Explore the various technologies used for vaccine tracking, such as RFID (Radio-Frequency Identification), QR codes, and blockchain. Understand their advantages, limitations, and real-world applications in vaccine transparency.

3. Data Security and Privacy:

Investigate how vaccine tracking systems ensure data security and user privacy. Understand the protocols in place to protect sensitive information while maintaining transparency.

4. Global Initiatives:

Research international efforts and collaborations aimed at improving vaccine tracking and transparency. Understand how different countries and organizations are working together to combat global health challenges.

5. Public Health Impact:

Examine the impact of transparent vaccine tracking on public health outcomes. Look for studies or reports that demonstrate how effective tracking systems contribute to disease prevention and control.

6.Challenges and Barriers:

Identify challenges faced in implementing transparent vaccine tracking systems. This could include technological challenges, policy issues, or public acceptance barriers.

7.Policy and Regulation:

Study the existing policies and regulations related to vaccine tracking and transparency. Understand how governments and international bodies regulate these systems to ensure safety and reliability.

8.Case Studies:

Look for case studies from different regions or countries where transparent vaccine tracking systems have been successfully implemented. Analyze the factors that contributed to their success.

9.Future Trends:

Investigate emerging trends and future developments in vaccine tracking technology. This could include advancements in AI, IoT (Internet of Things), or other innovative solutions that are shaping the future of vaccine transparency.

Remember, academic databases, research journals, and official publications are valuable sources for your literature survey. Be sure to critically evaluate the quality and relevance of the sources you consult.

