

Ideation Phase

Define the Problem Statements

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Project Name	Transfer learning based classification of poultry diseases for enhanced health management
Maximum Marks	

Customer Problem Statement Template:

1. Who is the customer?

Describe the person or group facing the health-related challenge.

Example:

Patients in rural areas, hospital administrators, general practitioners, or caretakers of elderly patients.

2. What problem are they facing?

Clearly define the healthcare challenge or frustration they are experiencing.

Example:

Patients struggle to access accurate and timely medical information, leading to delays in diagnosis and treatment. Health records are often disorganized or missing.

3. Why is this a problem for them?

Explain the impact of this issue on their health, time, money, or well-being.

Example:

Without a centralized health management system, patients receive fragmented care, which results in repeated tests, increased medical costs, and poor health outcomes.

4. How are they currently solving the problem (if at all)?

Identify existing methods or workarounds being used.

Example:

Patients maintain paper records, rely on memory for past treatments, or depend on local clinics with limited data access. Doctors manually search for records or request them from other facilities.

5. What are the limitations of current solutions?

List the gaps in existing approaches.

Example:

Manual processes are time-consuming, error-prone, and inaccessible during emergencies. Paper records are easily lost or damaged, and there's no real-time data sharing.

6. What would an ideal solution look like for them?

Describe what customers would consider a perfect solution.

Example:

A digital health management system that provides secure, real-time access to comprehensive patient records, supports automated diagnosis assistance, and integrates with lab results and prescriptions.