**Project Design Phase**

**Problem – Solution Fit Template**

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| Date | 27 June 2025 |
| Team ID | LTVIP2025TMID40145 |
| Project Name | Transfer Learning-Based on Classification of Poultry Diseases for Enhanced Health Management |
| Maximum Marks | 2 Marks |

**Problem – Solution Fit Template:**

The Problem–Solution Fit simply means that we have identified a real and recurring problem faced by our target users—poultry farmers—and have designed a solution that effectively addresses this need through accessible technology. This fit helps innovators align their solutions with actual user behaviors and pain points.

Purpose:

* Solve complex problems in a way that aligns with the current realities and limitations of poultry farmers, especially in rural areas.
* Accelerate success and solution adoption by leveraging existing behaviours such as mobile usage, image sharing, and need for low-cost tools.
* Sharpen communication by using key triggers like “prevent disease early,” “save your flock,” and “predict instantly.”
* Build trust and increase user engagement by addressing high-cost, urgent issues (e.g., disease outbreaks) that directly affect livelihoods.
* Understand the day-to-day practices of poultry farmers and improve them through technology-based interventions.

**Template:**

