**Project Design Phase**

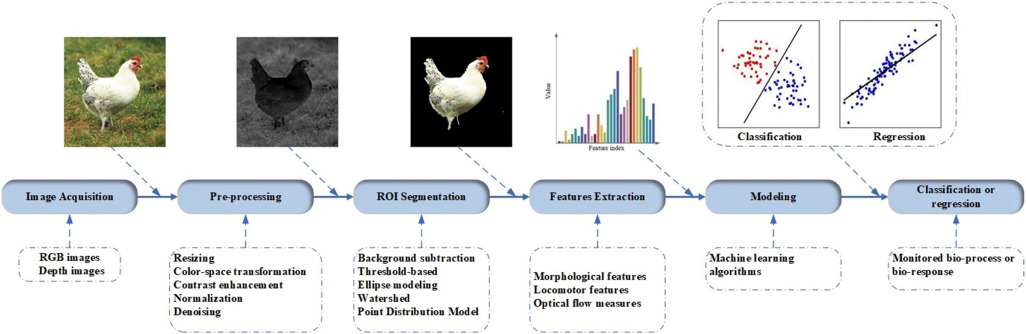
**Solution Architecture**

|  |  |
| --- | --- |
| Date | 22 JUNE 2025 |
| Team ID | LTVIP2025TMID35419 |
| Project Name | Transfer learning-based classification of poultry diseases for enhanced health management |
| Maximum Marks | 4 Marks |

**Solution Architecture:**

**A solution architecture for poultry disease classification using transfer learning involves leveraging pre-trained deep learning models to identify diseases from images, such as those of fecal samples. This approach allows for efficient disease detection, even with limited labeled data, by adapting a model trained on a large dataset (like ImageNet) to the specific task of poultry disease classification.**

**Example - Solution Architecture Diagram:**

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