\*\*Full Stack Development with MERN\*\*

# Project Documentation

## 1. Introduction

\*\*Project Title:\*\* Transfer Learning-Based Classification of Poultry for Enhanced Health Management

Team Members:

\*\*Team ID:\*\* LTVIP2025TMID42122

\*\*Team Size:\*\* 5

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Abstract:

Poultry farming is a vital component of the agricultural economy. Diseases in poultry can lead to substantial economic losses and food insecurity. This project proposes a machine learning solution using transfer learning to classify poultry health conditions from images, thereby enabling early intervention and health monitoring. The goal is to assist poultry farmers with a reliable and scalable technology-based solution.