

Project Design Phase-I

Proposed Solution Template:

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	Develop a system to automatically identify dog breeds from images, addressing the need for accurate, efficient, and scalable breed identification in various real-world applications.
2.	Idea / Solution description	Automate dog breed identification using machine learning, particularly convolutional neural networks (CNNs), trained on a dataset of labeled dog images to accurately predict breeds from input images.
3.	Novelty / Uniqueness	The novelty lies in leveraging machine learning to automate dog breed identification, offering a unique solution that combines image recognition technology with a comprehensive understanding of diverse dog breeds.
4.	Social Impact / Customer Satisfaction	Enhance customer satisfaction by providing a convenient and accurate solution for dog breed identification, fostering better understanding and care of dogs, and promoting responsible pet ownership.
5.	Business Model (Revenue Model)	Generate revenue through subscription plans, where users pay for access to advanced features and unlimited breed identification. Additional income streams may include partnerships, advertisements, or data licensing.
6.	Scalability of the Solution	The solution should be capable of handling a large and diverse dataset of dog breeds, accommodating new breeds seamlessly, and scaling efficiently to meet increasing demand and data volume.