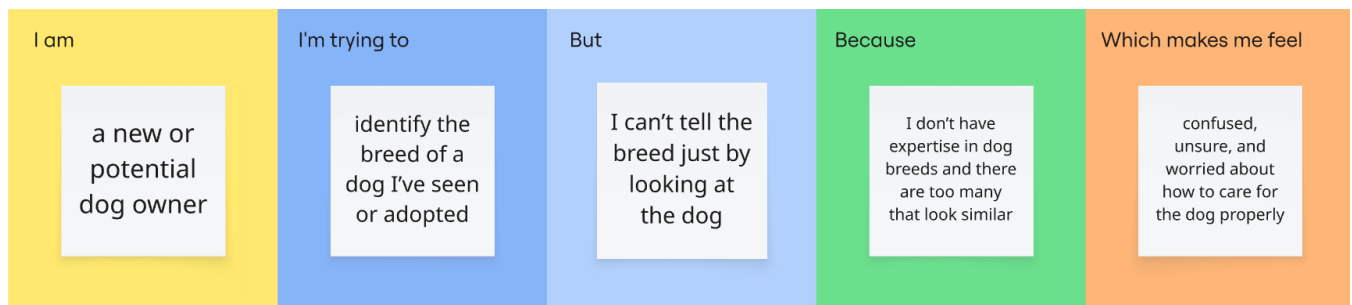


## Project Initialization and Planning Phase

Date	14 June 2025
Team ID	SWTID1749820017
Project Name	Dog Breed Identification using Transfer Learning
Maximum Marks	3 Marks

### Problem Statement:

Understanding the needs of our users is crucial to building a solution that truly adds value. Many first-time or potential dog owners often struggle to identify the breed of their dog accurately. They try to search online or rely on guesses, but with hundreds of breeds and subtle differences between them, this becomes overwhelming and unreliable. This uncertainty prevents them from providing the best care, nutrition, or training suited for their pet. On the other hand, veterinary professionals and shelter workers are under pressure to identify breeds quickly and accurately, but the process is often manual and error-prone. These challenges highlight a clear need for a reliable, easy-to-use dog breed classification tool that empowers users with accurate information, reduces confusion, and enhances the care and experience for both pets and their humans..



Problem Statement (PS)	I am (Customer)	I'm trying to	But	Because	Which makes me feel
PS-1	a new or potential dog owner	identify the breed of a dog I've seen or adopted	I can't tell the breed just by looking at the	I don't have expertise in dog breeds and there	confused, unsure, and worried about how to care for the dog properly

			dog	are too many that look similar	
PS-2	a veterinarian or animal shelter worker	quickly classify a dog's breed for medical, nutritional, or behavioral assessments	manual breed identification is time-consuming and prone to errors	visual characteristics aren't always reliable or distinct	frustrated, inefficient, and concerned about providing incorrect treatment or guidance