**Project Initialization and Planning Phase**

| Date | 15 April 2024 |
| --- | --- |
| Team ID | Team-738205 |
| Project Name | Dog Breed Identification Using Transfer Learning |
| Maximum Marks | 3 Marks |

**Define Problem Statements (Customer Problem Statement Template):**

Create a problem statement to understand your customer's point of view. The Customer Problem Statement template helps you focus on what matters to create experiences people will love. A well-articulated customer problem statement allows you and your team to find the ideal solution for your customers' challenges. Throughout the process, you’ll also be able to empathize with your customers, which helps you better understand how they perceive your product or service.

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| Problem Statement (PS) | Frustrated Shelter Worker  (PS-1) | Confused Dog Owner  (PS-2) |
| I am | Shelter Worker | New Dog Owner |
| I’m Trying To | Quickly and accurately identify the breeds of dogs entering the shelter. | Understand my dogs breed mix and how it affects their needs. |
| But | Relying on visual comparisons and limited online recourse is time consuming and often leads to misidentification. | Comparing my dog’s look to online pictures is confusing and leaves me unsure about their specific breed. |
| Because | Many dogs are mixed breeds or have uncommon appearances, making it difficult to pinpoint their exact breed. | There are so many dog breed, and mixed breeds can have a combination of traits. |
| Which Makes Me Feel | Frustrated and worried that I might be providing the wrong care or hindering their adoption chances due to inaccurate breed information. | Anxious that I might not be providing the right training, nutrition, or care for my dog because of the unknown breed factors. |