Ideation phase
Emathize & Discover

Date	5th December 2023
Team ID	Team-593094
Project name	image caption generation
Maximum marks	4 marks

Empathy Map

Thinks and Feels:
- *Thinks:* Aims to understand the essence of the image through CNN-derived features.
- *Feels:* Strives to capture emotions and context embedded in the image to create meaningful captions.

Hears:
- *Hears:* Receives feedback from users and adapts to generate more accurate and contextually relevant captions.

Sees:
- *Sees:* Images in various forms and tries to interpret them through CNN to extract relevant features.

Says and Does:
- *Says:* Communicates the generated captions for images based on visual and contextual understanding.
- *Does:* Utilizes CNN for image feature extraction, RNN for sequential learning, and generation of coherent captions.

Pain

- *Pains:* Difficulty in understanding abstract or complex images, leading to inaccurate or irrelevant captions.
- *Pains:* Inability to capture nuanced emotions or subtle context within the image.

Gain

- *Gains:* Improving accuracy by incorporating larger datasets for diverse image-caption pairs.
- *Gains:* Enhancing contextual understanding by fine-tuning CNN and RNN architectures.
- *Gains:* Positive user feedback and improved performance metrics indicate successful caption generation.