

Ideation Phase

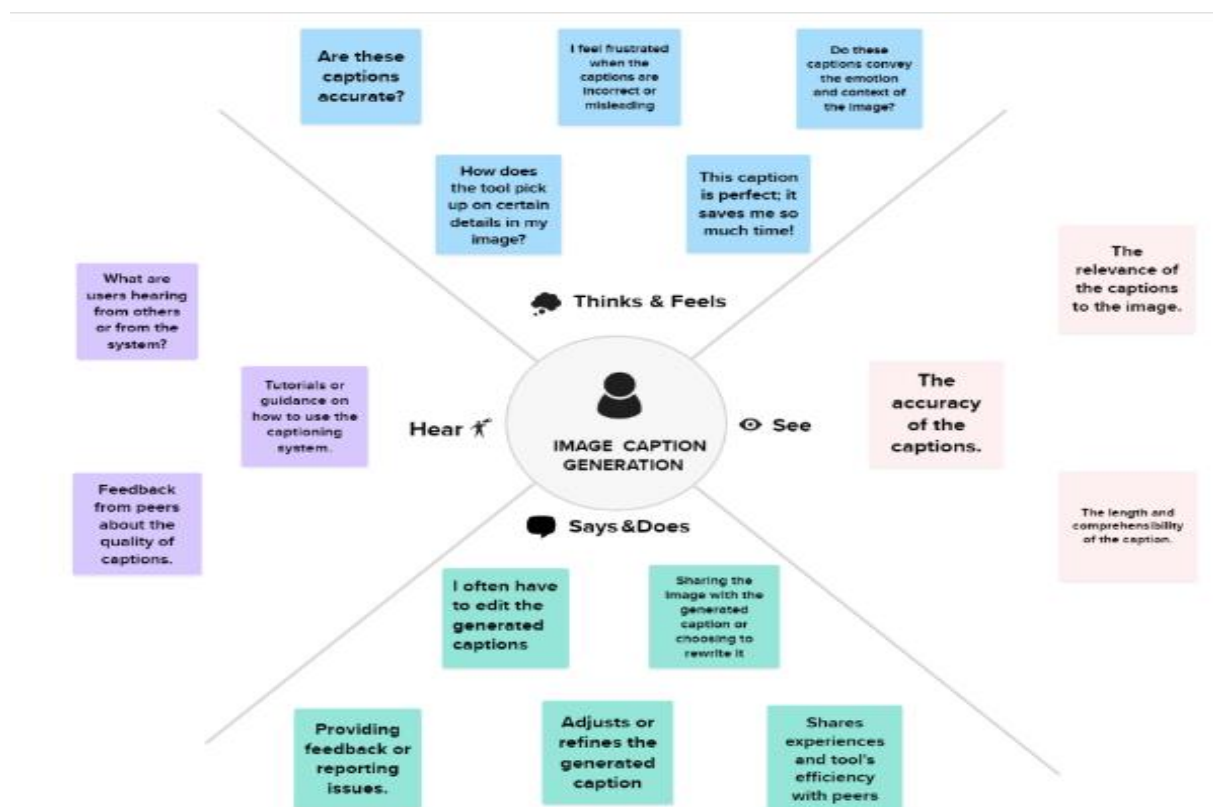
Empathize & Discover

Date	18 October 2023
Team ID	Team-592149
Project Name	Image caption generation
Maximum Marks	4 Marks

Empathy Map:

Image Caption Generation:

An image caption generation is a written caption that explains the important details of a picture. It involves generating a human-readable textual description given an image, such as a photograph. For a human, it is a very simple task, but for a computer, it is extremely difficult since it requires both understanding the content of an image and how to translate this understanding into natural language. Recently, deep learning methods have displaced classical methods and are achieving state-of-the-art results for the problem of automatically generating descriptions, called “captions,” for images. In this project, we will see how deep neural network models can be used to automatically generate descriptions for images, such as photographs. In this project, we use CNN and LSTM to generate the caption of the image. As the deep learning techniques are growing, huge datasets and computer power are helpful to build models that can generate captions for an image. This is what we are going to implement in this Python-based project where we will use deep learning techniques like CNN and RNN.



Pain



Gain

