Project Design Phase-I
Proposed Solution Template

Date	31 OCTOBER 2023
Team ID	591955
Project Name	IMAGE CAPTION GENERATION
Maximum Marks	2 Marks

Proposed Solution Template:

Project team shall fill the following information in proposed solution template.

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	To generate image captions using a trained deep leaning model trained on a vivid variety of images.
2.	Idea / Solution description	We will use CNN/RNN to do feature extraction and use LSTM for the caption generation
3.	Novelty / Uniqueness	Voice generated captions for visually impaired Simplified User Interface
4.	Social Impact / Customer Satisfaction	Instagram will not be cringe anymore Content moderation
5.	Business Model (Revenue Model)	Subscription for better results Higher image count per batch can be monetized
6.	Scalability of the Solution	API access from social media platform directly for easier caption generation The model can be trained with even bigger data sets for better and vivid generation