Project Design Phase-II
Data Flow Diagram & User Stories

Date	17-112023
Team ID	PNT2022TMID591920
Project Name	Image Caption Generation
Maximum Marks	4 Marks

Data Flow Diagrams:

A Data Flow Diagram (DFD) is a traditional visual representation of the information flows within a system. A neat and clear DFD can depict the right amount of the system requirement graphically. It shows how data enters and leaves the system, what changes the information, and where data is stored.
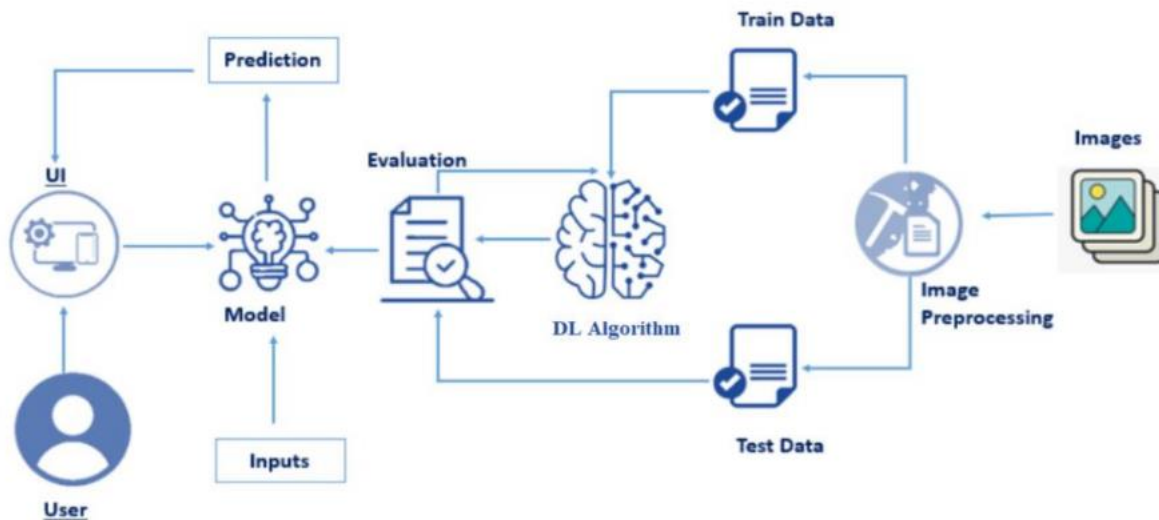
User Stories:

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
Content Creators and Social Media Managers	Image Caption Generation	USN-1	"As a content creator, I want the image caption generator to provide accurate and creative captions for my uploaded images."	The system should accept image uploads and generate captions that accurately describe the content.	High	Sprint-1
Photographers and Graphic Designers	Customization and Style Preferences	USN-2	"As a photographer, I want the ability to customize the style and tone of captions generated by the system."	The system provides insights into caption engagement, click-through rates, and user interactions for each uploaded image.	Medium	Sprint-2
Marketing Teams and Advertisers	Caption Analytics and Performance	USN-3	"As a marketing team member, I want analytics on the performance of captions for data-driven decision-making."	The system provides insights into caption engagement, click-through rates, and user interactions for each uploaded image.	High	Sprint-3
Educational Institutions and Teachers	Support	USN-4	"As an educator, I want the image caption generator to assist in creating educational content with informative captions."	The system generates captions that enhance the educational value of images, providing relevant information for learning.	Mediu m	Sprint-4