Project Design Phase-II
Data Flow Diagram & User Stories

Date	18-11-2023
Team ID	**Team-592198**
Project Name	Image Caption Generation
Maximum Marks	4 Marks

Data Flow Diagrams:

A Data Flow Diagram (DFD) is a graphical representation that illustrates the flow of data within a system or process. It is a visual tool used to depict how data moves through various stages of a system and how it is processed, stored, and exchanged. DFDs are commonly used in system analysis and design to model the information flow and transformations within a system. Below are the Data Flow Diagrams for the project "Image Caption Generation".
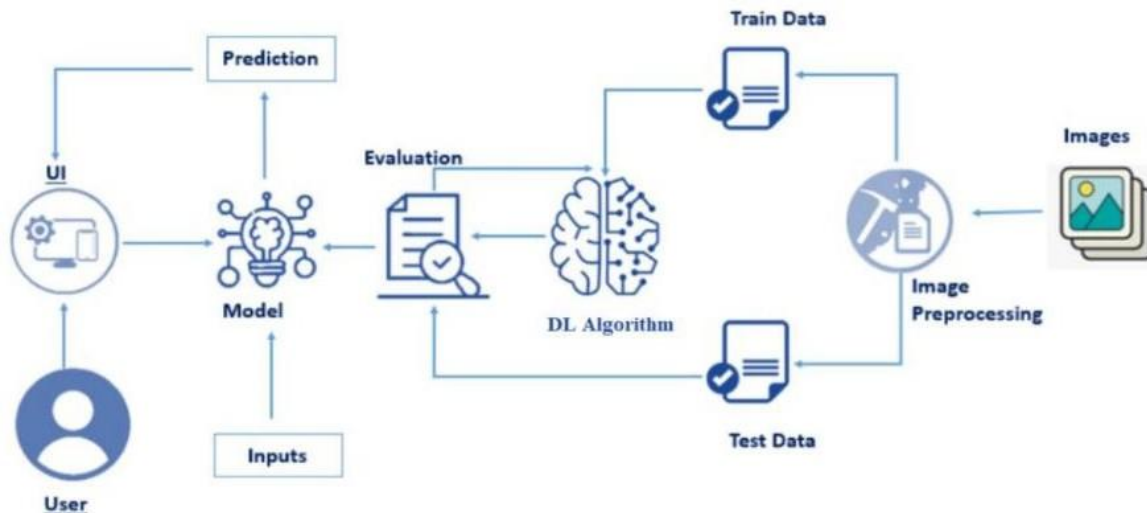
User Stories:

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
Administrators and Developers	Customization and Integration	USN-2	"As a website administrator, I want the image caption generator to seamlessly integrate into my website, allowing for customization to match the website's style and branding."	The image caption generator should provide an easy-to-implement API for integration and should be able to customize the appearance of captions (font, color, size) to align with the website's design	Medium	Sprint-2
Content consumers with visual impairments	Image Caption Accessibility	USN-3	" As a content consumer, I want the image caption generator to provide descriptive captions for images on websites and social media so that I can better understand the content without relying solely on visuals."	The system should automatically generate captions for images on websites. Captions must be concise and easy to understand.	High	Sprint-3
Language Enthusiasts and Learners	Multilingual Support	USN-4	"As a user interested in language diversity, I want the image caption generator to support multiple languages, allowing me to explore content in languages other than English."	The system should recognize and generate captions in multiple languages. Users should have the option to select their preferred language for captions.	Medium	Sprint-4