

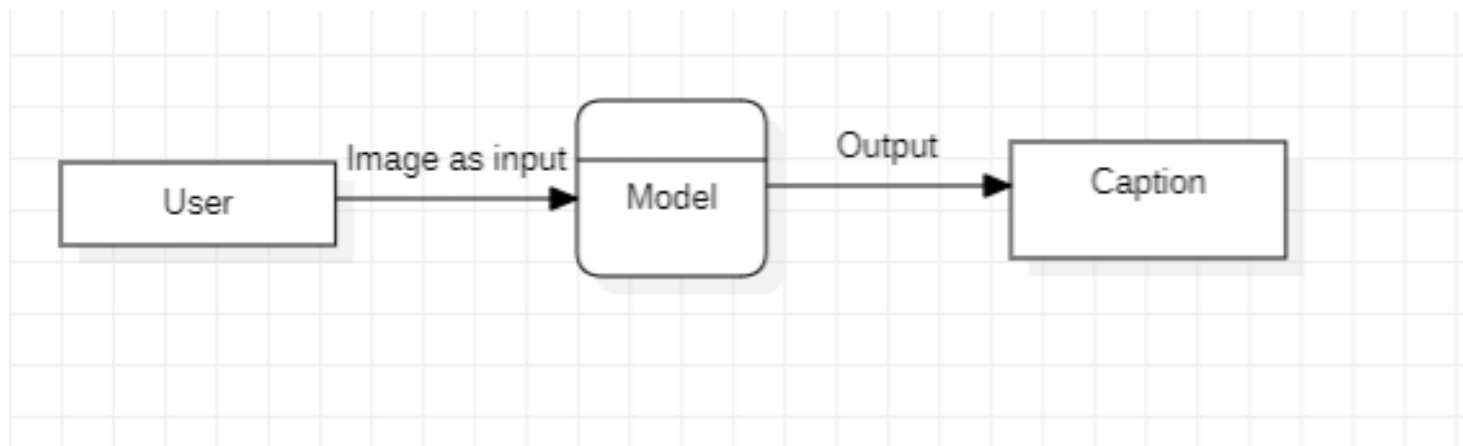
Project Design Phase-II
Data Flow Diagram & User Stories

Date	22 October 2023
Team ID	PNT2022TMIDxxxxxx
Project Name	Project – Image Caption Generation
Maximum Marks	4 Marks

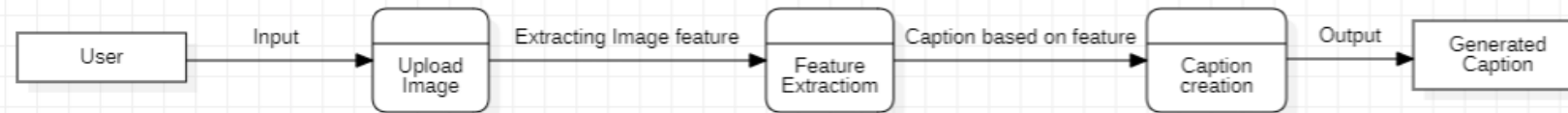
Data Flow Diagrams:

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.

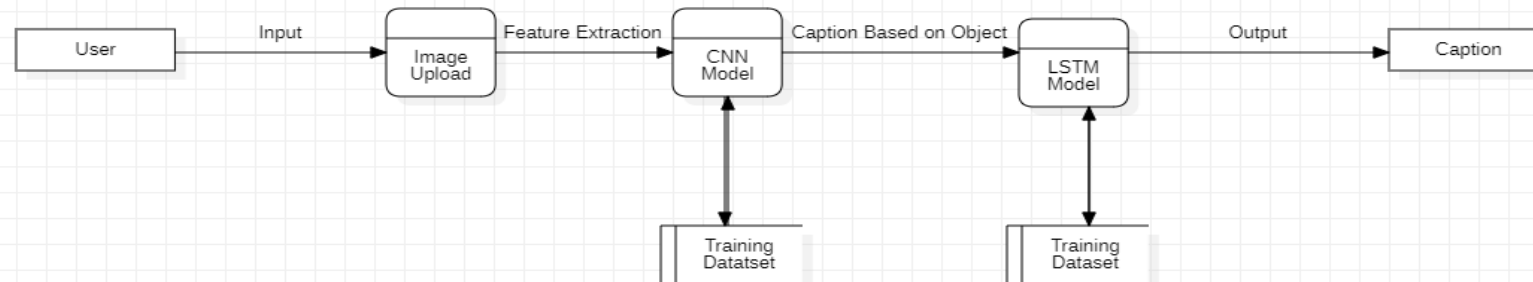
Zero Level Diagram:



1st Level Diagram:



2nd Level Diagram:



User Stories

Use the below template to list all the user stories for the product.

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
End User	Registration	USN-1	As a user, I can register for the application by entering my email, password, and confirming my password.	I can access my account / dashboard	High	Sprint-1
End User	Registration	USN-2	As a user, I will receive confirmation email once I have registered for the application	I can receive confirmation email & click confirm	High	Sprint-1
End User	Registration	USN-3	As a user, I can register for the application through Facebook	I can register & access the dashboard with Facebook Login	Low	Sprint-2
End User	Login	USN-4	As a user, I can log into the application by entering email & password	I can login into the app using email, password	High	Sprint-1
Data Analyst	Dashboard	USN-5	As an data analyst, i want to see the diffrent stats of the application to analyse.	A diffrent credentials for the analyst to login and view the dashboard in web	high	sprint-1
Customer (Web user)	interface	USN-6	As an web user i want a good and simple UI to interact with the application	I can see the guided tutorial for this.	medium	Initial release
AI model trainer	Model improvement	USN-7	As a developer of AI models, I aim to enhance the image caption generation model by facilitating retraining with fresh data and advanced algorithms, ensuring a continuous improvement of the system over time.	The system should be able to seamlessly integrate new data sources for image caption generation	high	sprint-2
database Administrator	Permissions (backend)	USN-8	As a cloud administrator i want to access the complete database with no restrictions	I can login into the backend application using the given cridentials	high	Initial release
Frontend Dev	Permissions (Frontend)	USN-9	As a frontend dev i want to access the website/ app in the hosted server	I can login into the hosting servece using credentials	high	Initial release