

Project Design Phase-II
Data Flow Diagram & User Stories

Date	03 October 2022
Team ID	PNT2022TMIDxxxxxx
Project Name	Project - xxx
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.



Figure 1: Data Flow Diagram Level 0

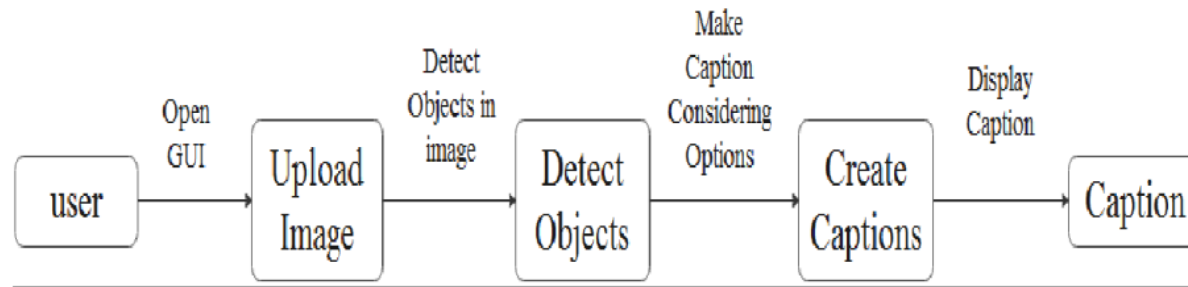


Figure 4: Data Flow Diagram Level 1

Figure 2: Data Flow Diagram Level 1

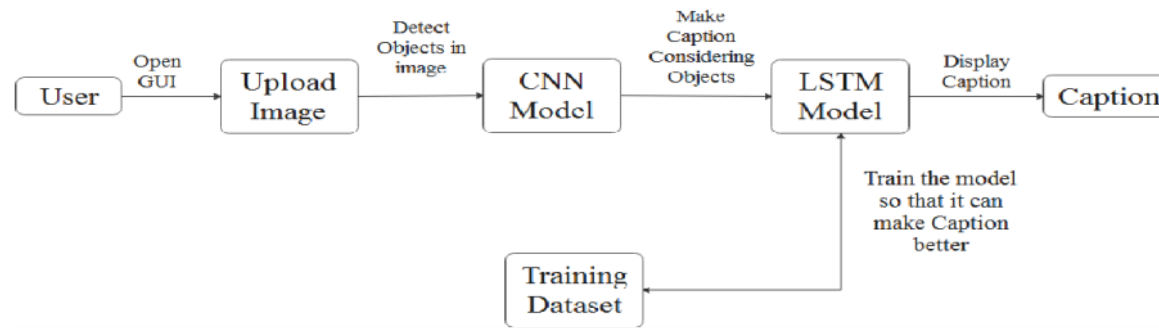


Figure 3: Data Flow Diagram Level 2

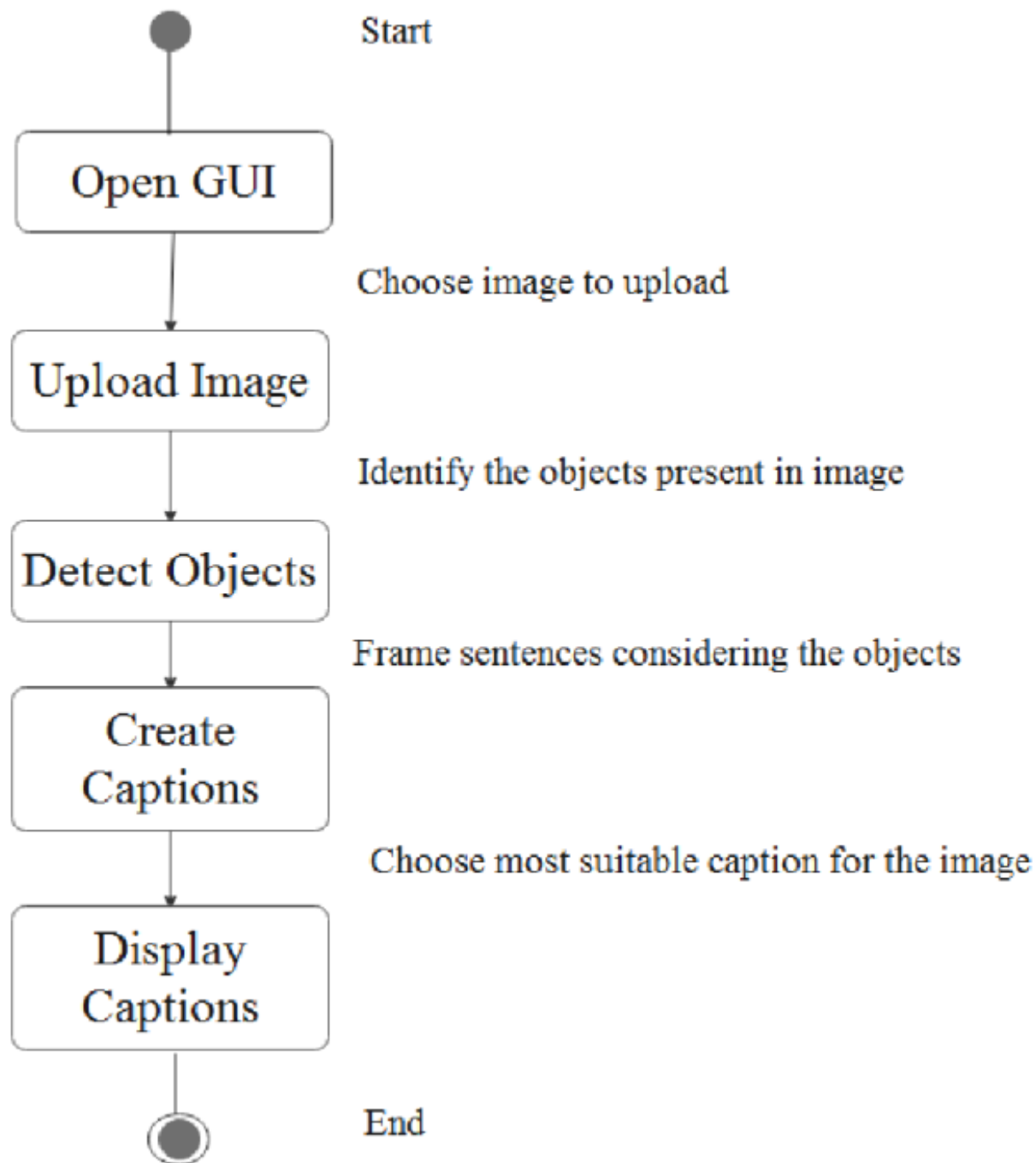


Figure 4: State Chart Diagram of Steps taken by the System

User Stories:

User Type	Functional Requirement (Epic)	User Story Number	User Story/ Task	Acceptance criteria	Priority	Release
Customer (Mobile 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
		USN-2	As a user, I will receive confirmation emailonce I have registered for the application	I can receive confirmation email & clickconfirm	High	Sprint-1
		USN-3	As a user, I can register for theapplication through Facebook	I can register & access the dashboard with Facebook Login	Low	Sprint-2

		USN-4	As a user, I can register for the application through Gmail	I can register & access the dashboard with Gmail Login	Medium	Sprint-1
	Login	USN-5	As a user, I can log into the application by entering email & password	I can access the dashboard by clicking log in	High	Sprint-1
	Dashboard	USN-6	As user, I can upload an image by clicking upload and selecting the source for uploading the image file and then select the image file to upload	The image is successfully uploaded and a message is displayed as such.	High	Sprint-3
		USN-7	As user, I can view the displayed resultant generated captions for the uploaded image.	The generated caption is successfully displayed.	High	Sprint-3
Customer (Web user)	Registration	USN-8	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
		USN-9	As a user, I can register for the application through Facebook	I can register & access the dashboard with Facebook Login	Low	Sprint-2

		USN-10	As a user, I can register for the application through Gmail	I can register & access the dashboard with Gmail Login	Medium	Sprint-1
	Login	USN-11	As a user, I can log into the application by entering email & password	I can access the dashboard by clicking log in	High	Sprint-1
	Dashboard	USN-12	As user, I can upload an image by clicking upload and selecting the source for uploading the image file and then select the image file to upload	The image is successfully uploaded and a message is displayed as such.	High	Sprint-3
		USN-13	As user, I can view the displayed resultant generated captions for the uploaded image.	The generated caption is successfully displayed.	High	Sprint-3
		USN-14	As user, I can copy the generated captions onto the clipboard	I can click 'copy onto clipboard' and paste the generated captions elsewhere	Medium	Sprint-4
		USN-15	As user, I can refresh and upload a new image for the captions to be generated	I can click 'new image' and the webpage is refreshed to allow for a new image to be uploaded	High	Sprint-3
Customer Care Executive	Registration	USN-16	As a executive, I can register for the application by entering my email, password, confirming my password and selecting executive as my role.	I can access my account / dashboard	High	Sprint-1

		USN-17	As a executive, I will receive confirmation email oncel have registered for the application	I can receiveconfirmation email &click confirm	High	Sprint -1
	Login	USN-18	As a executive, I can log into the application by entering email & password	I can access the dashboard by clicking log in	High	Sprint -1
	Dashboard	USN-19	As executive, I can view the number of queries recived.	The number of queries recived is displayed.	Mediu m	Sprint -5
		USN-20	As an executive, I can view the log of customer interactions, including uploaded images and generated captions.	The log of images with their captions is displayed.	Mediu m	Sprint -5
Administrator	Registration	USN-21	As administrator, I can register for the application by entering my email, password, confirming my password and selecting administartor as my role.	I can access my account / dashboard	High	Sprint -1
	Login	USN-22	As administrator, I can log into the application by entering email & password	I can access the dashboard by clicking log in	High	Sprint -1

	Dashboard	USN-23	As administrator, I can view the accounts made, with their roles and permissions.	I can view all accounts registered on the website with their details.	Medium	Sprint-6
		USN-24	As an administrator, I can view the backend code for the machine learning model so as to be able to change and configure the model	I can view the code for the model	Low	Sprint-7