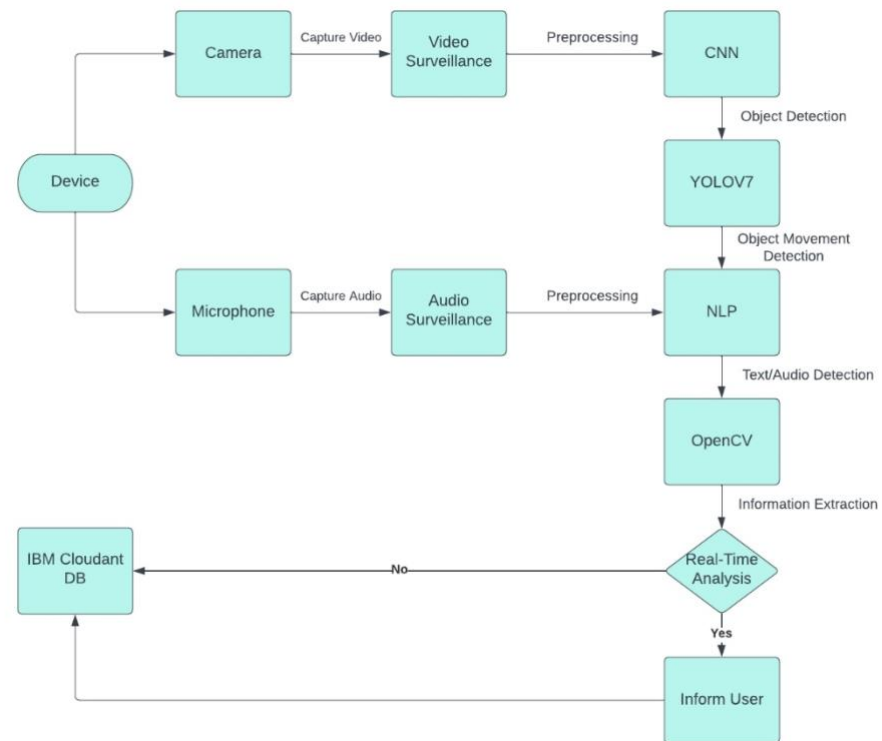


Project Design Phase-II

Data Flow Diagram & User Stories

Date	14 October 2022
Team ID	PNT2022TMID30205
Project Name	Project - Real-Time Communication System Powered by AI for Specially Abled
Maximum Marks	4 Marks

Data Flow Diagrams:



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 usage reason as for visually impaired or hearing impaired	Camera & microphone are setup according to preference	High	Sprint-1
	Pre-processing	USN-2	Train and test the model	Train the model according to the datasets received	High	Sprint-1
	Real-Time Surrounding activity detection	USN-3	The user with visually impaired will be informed with activities happening around him/her via their device	Camera surveillance	High	Sprint-1
	Real-Time Surrounding audio detection	USN-4	The user with hearing impaired will be informed with speech to text functionality via their device	Audio surveillance	High	Sprint-1
	Personal Voice Assistant	USN-5	To assist the user who is visually impaired	Alert the user	High	Sprint-2
	Personal Text Assistant	USN-6	To assist the user who is hearing impaired	Alert the user	High	Sprint-2
	User Understanding	USN-7	The user understands the surrounding activity	Understanding	High	Sprint-2
Administrator	Register	USN-8	Register into the application	Admin can access the account	Medium	Sprint-3
	Login	USN-9	Login and manage the application	Manage application	Medium	Sprint-3
		USN-10	Store's in the database	Data Storage	Medium	Sprint-3