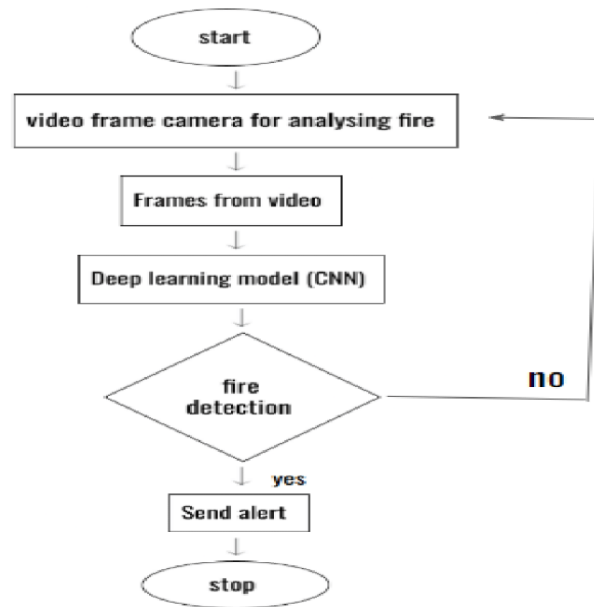
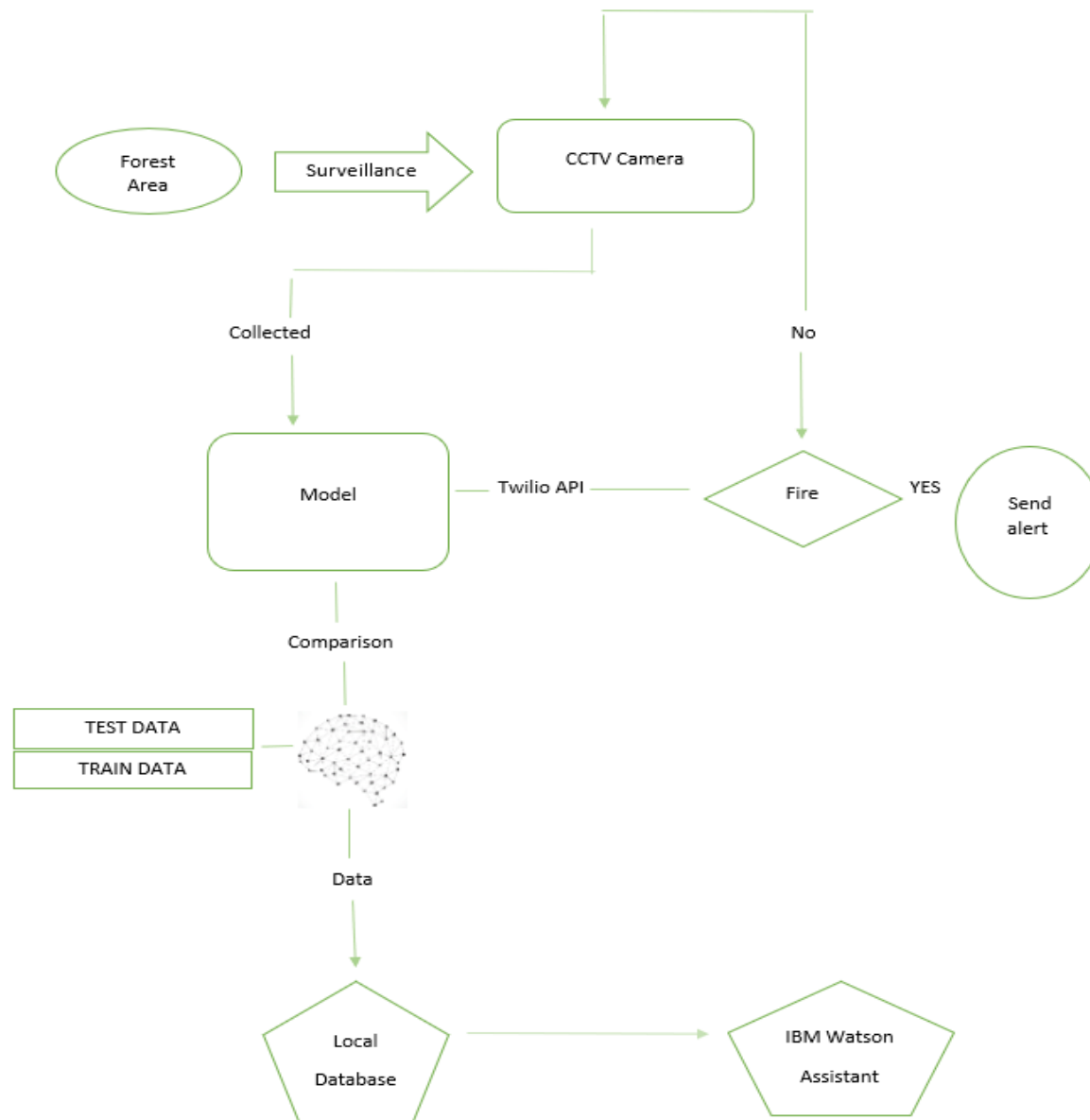


Project Design Phase-II
Data Flow Diagram & User Stories

Date	15 October 2022
Team ID	PNT2022TMID28246
Project Name	Emerging methods for early detection of forest fires
Maximum Marks	4 Marks

Data Flow 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
civilian	capturing Images	USN-1	Forest is proctored around the clock and checked for fire.	Can capture image of forest	Medium	Sprint - 1
			The images are then converted to frameset and sent	images is converted into framesets	High	Sprint - 1
			The frameset is then compared with the model.	frameset is in pixels	Medium	Sprint - 2
	Deep Learning		Model is trained with all different images of fire and is trained with enough data	Model should be well trained with fire images	Hlgh	Sprint - 1
			The compared image is checked with intensity of smoke and is warned accordingly	Intensity is denoted in YBR	High	Sprint - 2
	Alert	USN-1	If the intensity of fire is high, then alert is given using alarm	alarm is used	High	Sprint - 2
		USN-2	If the intensity is too high, alert is sent with the help of twilio API	The API sends alert	High	Sprint - 1
Admin	Manage Database		Admin manages and maintains the Database	IBM watson assistance is used	Low	Sprint - 2