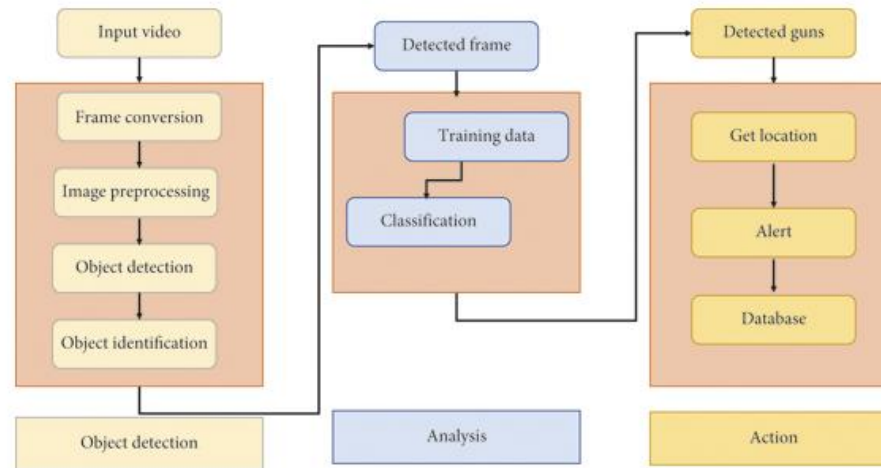


Project Design Phase-II
Data Flow Diagram & User Stories

Date	6-11-2023
Team ID	591703
Project Name	Project – Arming Against Violence – Yolo Based Weapon Detection
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.



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
Security Officer	Arming Weapon Detection	USN-1	As a Security Officer, I want the system to detect and highlight potential arming weapons in real-time to enhance security measures.	successfully configured with all necessary tools and frameworks	High	Sprint-1
System Administrator	Centralized Monitoring and Reporting	USN-2	As a System Administrator, I want to have a centralized monitoring dashboard to track arming weapon detection across multiple cameras.	Gathered a diverse dataset of images depicting various types of weapons	High	Sprint-1

Law Enforcement	Evidence Collection	USN-3	As a Law Enforcement Officer, I want the system to capture and store evidence when arming weapons are detected.	preprocessed the dataset	Low	Sprint-2
Emergency Response Team	Integration with Emergency Services	USN-4	As a member of the Emergency Response Team, I want the system to automatically alert emergency services when a potential threat is detected.	we could explore yolo v7	Medium	Sprint-1
System Integrator	Customization and Integration	USN-5	As a System Integrator, I want the ability to customize and integrate the arming weapon detection system with existing security infrastructure	we could do validation	High	Sprint-1