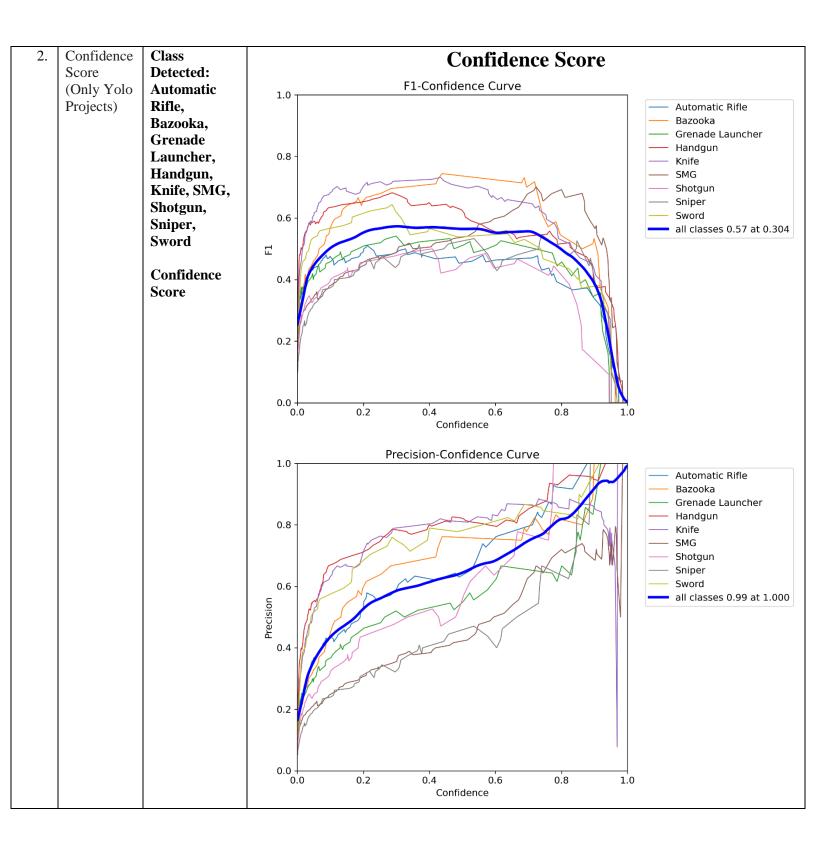
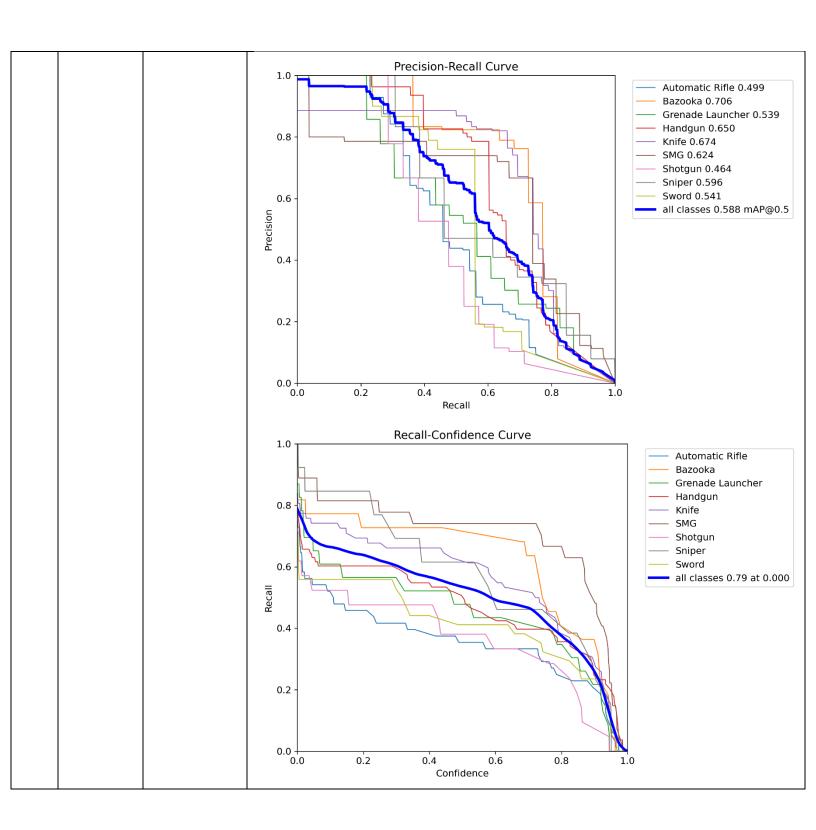
Project Development Phase Model Performance Test

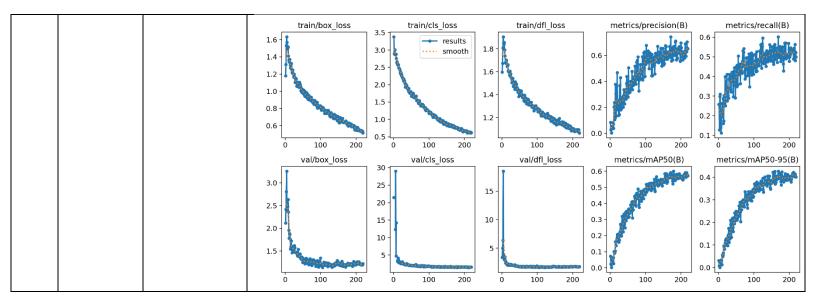
Date	07 November 2022
Team ID	Team - 592720
Project Name	Arming Against Violence - YOLO-Based
	Weapon Detection
Maximum Marks	10 Marks

Model Performance Testing:

S.No	Parameter	Values	Screenshot											
1.	Model Summary	Train Set Size: 477	Summary of the Model											
		Valid Set Size 210	Model summary (fused): 268 layers, 43613547 parameters, 0 gradients, 164.9 GFLOPs											
		Total Dataset: 687	Class	Images	Instances	Box(P	R	mAP50	mAP50-95):	100% 7/7 [00:08<00:00,	1.20s/it]			
			all	210	323	0.588	0.602	0.588	0.427					
			Automatic Rifle	210	48	0.603	0.417	0.499	0.328					
			Bazooka	210	22	0.671	0.727	0.706	0.493					
			Grenade Launcher	210	23	0.515	0.554	0.539	0.398					
			Handgun	210	73	0.783	0.593	0.65	0.486					
			Knife	210	62	0.791	0.661	0.674	0.455					
			SMG	210	27	0.37	0.778	0.624	0.513					
			Shotgun	210	21	0.484	0.476	0.464	0.321					
			Sniper	210	13	0.331	0.692	0.596	0.436					
			Sword	210	34	0.746	0.518	0.541	0.412					
			Speed: 0.3ms preprocess,	16.6ms in	ference, 0.0	ms loss, 5.	7ms postprod	cess per i	mage					







SCREENSHOTS

Model Summary

```
Model summary (fused): 268 layers, 43613547 parameters, 0 gradients, 164.9 GFLOPs
                                                                         mAP50 mAP50-95): 100% 7/7 [00:08<00:00, 1.20s/it]
                           Images
                                                   0.588
                                                              0.602
                                                                         0.588
                                                                                     0.427
       Automatic Rifle
                                                   0.603
                                                                         0.499
                                                                                     0.328
                                                              0.417
               Bazooka
                                                   0.671
                                                              0.727
                                                                         0.706
                                                                                     0.493
      Grenade Launcher
                              210
                                                   0.515
                                                              0.554
                                                                         0.539
                                                                                     0.398
               Handgun
                                                                                     0.486
                 Knīfe
                                                   0.791
                                                              0.661
                                                                         0.674
                                                                                     0.455
                   SMG
                                                   0.37
                                                              0.778
                                                                         0.624
                                                                                     0.513
               Shotgun
                              210
                                                   0.484
                                                              0.476
                                                                         0.464
                                                                                     0.321
                Sniper
                                                              0.692
                                                                                     0.436
                 Sword
                                                   0.746
                                                                                     0.412
Speed: 0.3ms preprocess, 16.6ms inference, 0.0ms loss, 5.7ms postprocess per image
```

Confidence Score

