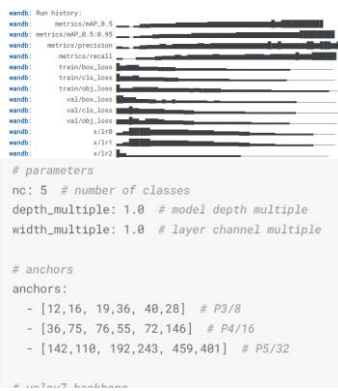
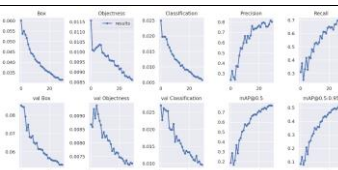



Project Development Phase Model Performance Test

Date	12 November 2023
Team ID	591703
Project Name	Project – Arming against violence – Yolo Based weapon Detection
Maximum Marks	10 Marks

Model Performance Testing:

Project team shall fill the following information in model performance testing template.

S.No	Parameter	Values	Screenshot
1.	Model Summary	No of classes : 5 Anchors: - [12,16, 19,36, 40,28] # P3/8 - [36,75, 76,55, 72,146] # P4/16 - [142,110, 192,243, 459,401] # P5/32	<pre>wandb: Run summary: wandb: metrics/mAP_0.5 0.80037 wandb: metrics/mAP_0.5:0.95 0.55897 wandb: metrics/precision 0.80774 wandb: metrics/recall 0.73724 wandb: train/box_loss 0.02885 wandb: train/cls_loss 0.00479 wandb: train/obj_loss 0.00794 wandb: val/box_loss 0.04836 wandb: val/cls_loss 0.00888 wandb: val/obj_loss 0.0072 wandb: x/lr0 0.00104 wandb: x/lr1 0.00104 wandb: x/lr2 0.00104 wandb:</pre>  <pre># parameters nc: 5 # number of classes depth_multiple: 1.0 # model depth multiple width_multiple: 1.0 # layer channel multiple # anchors anchors: - [12, 16, 19, 36, 40, 28] # P3/8 - [36, 75, 76, 55, 72, 146] # P4/16 - [142, 110, 192, 243, 459, 401] # P5/32</pre>
2.	Accuracy	Training Accuracy - 89 Validation Accuracy - 86	

3.	Confidence Score (Only Yolo Projects)	Class Detected - 1.Grenade 2.Knife 3.Missile 4.pistol 5.Rifle Confidence Score - 0.89	
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