

**Project Development Phase**  
**Model Performance Test**

Date	13 November,2022
Team ID	PNT2022TMID43374
Project name	project-Real Time River Water Quality Monitoring And Control System
Maximum Marks	4 Mks

**Model Performance Testing:**

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

S.no	Parameter	Values	Screenshot
1.	<b>Model summary</b>	<b>-Real time river water quality monitoring system is based on iot which is implemented such a way for best product performance.</b>	
2.	<b>Accuracy</b>	<b>Training accuracy- While training the start point may be front end or back end.so there is no disturbance while training as</b>	

		<p>objects,module s and methods are perfectly implemented. Validation accuracy- Risk management is immediate and efficient as risk resources act immediately.its because resources are implemented long before testing of products.</p>	
3.	Confidence level(only yolo project)	<p>Class detected- Yes Confidence score- 90%</p>	<p>The figure contains two plots for MV normal data with a variance ratio of 1:1. The left plot is a True Positive Rate (TPR) vs. False Positive Rate (FPR) curve, and the right plot is a Precision vs. Recall curve. Both plots compare four methods: YOLO (blue line with circles), PNet (red line with squares), Haar (green line with triangles), and ROI (black line with crosses). In the TPR-FPR plot, YOLO and PNet show significantly higher performance than Haar and ROI. In the Precision-Recall plot, YOLO and PNet also outperform the other two methods, maintaining higher precision across most recall levels.</p>