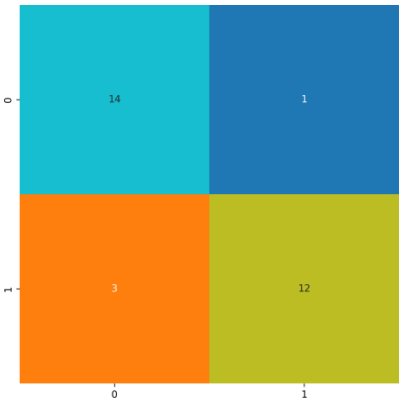
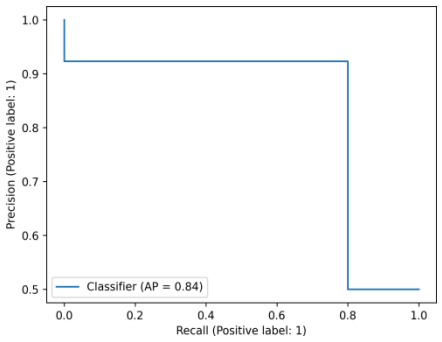
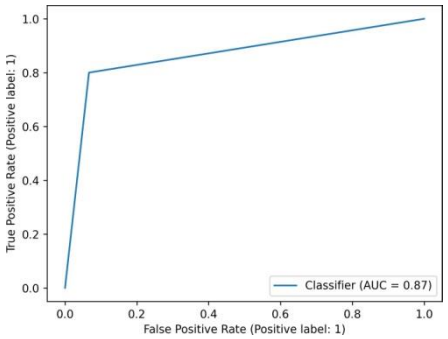
MODEL PERFORMANCE TESTING

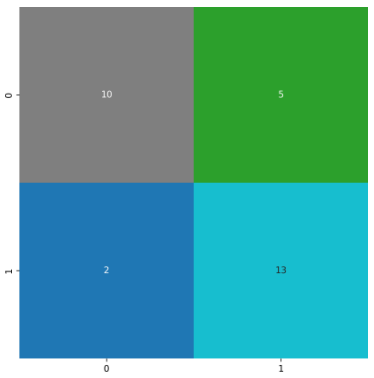
Date	10 November 2022
Team ID	PNT2022TMID32370
Project Name	Detecting Parkinsons' Disease Using Machine Learning
Maximum Marks	10 Marks

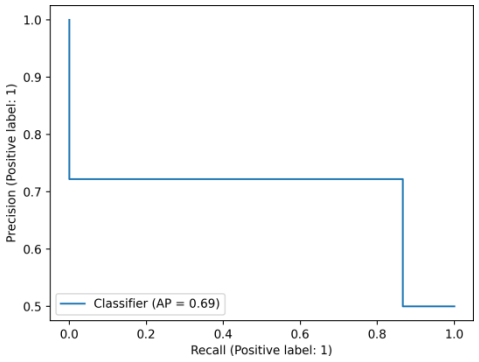
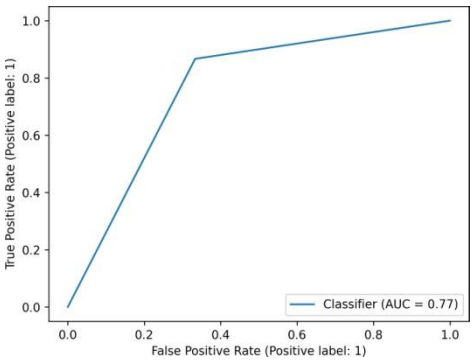
SPIRAL MODEL - RANDOM FOREST CLASSIFIER

S.No.	Parameter	Value
1	Accuracy	86.667%
2	Recall	80%
3	Precision	92.308%
4	Specificity	82.353%
5	F1 Score	85.714%
6	ROC AUC Score	86.667%
7	Confusion Matrix	

8	Precision-Recall Curve	
9	ROC Curve	

WAVE MODEL - K-NEIGHBOR CLASSIFIER

S.No.	Parameter	Value
1	Accuracy	76.667%
2	Recall	86.667%
3	Precision	72.222%
4	Specificity	83.333%
5	F1 Score	78.788%
6	ROC AUC Score	76.667%
7	Confusion Matrix	

8	Precision-Recall Curve	
9	ROC Curve	

VOICE MODEL - SNAP BOOSTING MACHINE CLASSIFIER (AUTO AI)

S. No	Parameter	Value
1	Accuracy	92.6%
2	Precision	94.2%
3	Recall	96.2%
4	F1 Score	95.2%
5	ROC AUC Score	94.2%