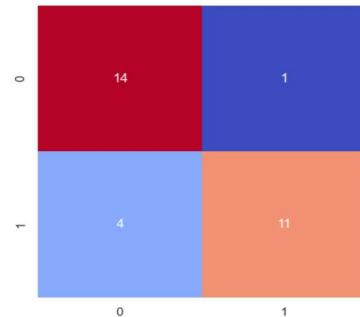


Project Development Phase Model Performance Test

Date	10 NOvember 2022
Team ID	PNT2022TMID11558
Project Name	Project - Detecting Parkinson's Disease using Machine Learning

Model Performance Testing :

S.NO	PARAMETER	VALUES	SCREENSHOT									
1.	Metrics	Classification Model: Ensemble Model(Voting Classifier)- KNN(KNearest Neighbor,Decision Tree,Random Forest) Confusion Matrix , Accuray Score- 95.93% & Classification Report	<div><pre>In [17]: plt.figure(figsize=(5,5)) sns.heatmap(cnf , annot=True , cmap="coolwarm" , cbar=False) plt.show()</pre></div>  <table><thead><tr><th></th><th>0</th><th>1</th></tr></thead><tbody><tr><th>0</th><td>14</td><td>1</td></tr><tr><th>1</th><td>4</td><td>11</td></tr></tbody></table>		0	1	0	14	1	1	4	11
	0	1										
0	14	1										
1	4	11										
2.	Tuning The Model	Validation Method	<div><pre>In [14]: model = RandomForestClassifier(n_estimators=100) model.fit(trainX,trainY) Out[14]: RandomForestClassifier()</pre></div>									