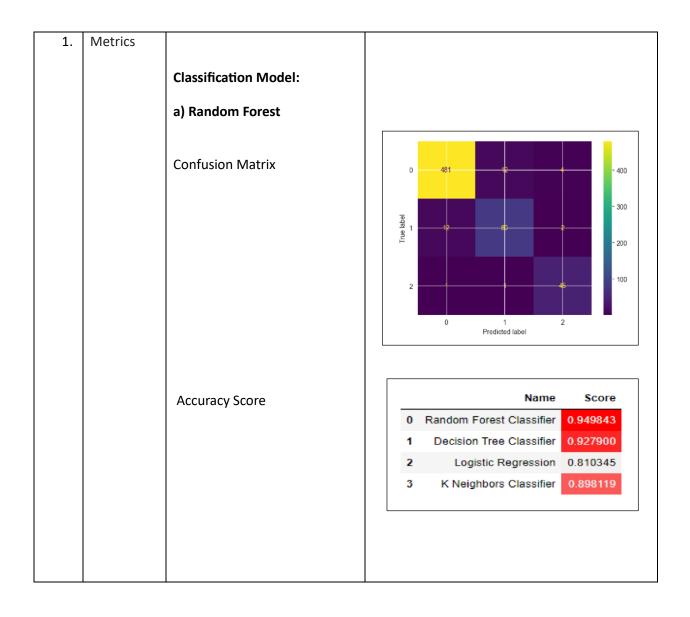
## Project Development Phase Model Performance Test

Project Name	FetalAI: USING MACHINE LEARNING TO PREDICT AND MONITOR FETAL HEALTH
Maximum Marks	10 Marks

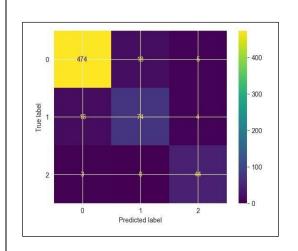
## **Model Performance Testing:**

S.No.	Parameter	Values	Screenshot



## b) Decision Tree

**Confusion Matrix** 

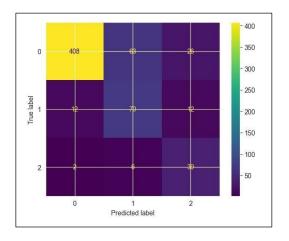


Accuracy Score

	Name	Score
0	Random Forest Classifier	0.949843
1	Decision Tree Classifier	0.927900
2	Logistic Regression	0.810345
3	K Neighbors Classifier	0.898119

## c) Logistic Regression

**Confusion Matrix** 



Accuracy Score

	Name	Score
0	Random Forest Classifier	0.949843
1	Decision Tree Classifier	0.927900
2	Logistic Regression	0.810345
3	K Neighbors Classifier	0.898119



	<pre>1 RF_model.predict([[0.001,26,0,41,132,8.2,133,0.005]]) array([1.])  1 RF_model.predict([[0.001,34,0,116,131,12.4,99,0.002]]) array([2.])  1 RF_model.predict([[0,87,71.0,0,125,3.4,124,0]])</pre>
	1   RF_model.predict([[0,87,71.0,0,125,3.4,124,0]]) array([3.])