



Model Development Phase Template

Date	15 July 2024	
Team ID	740067	
Project Title	Crop Prediction using machine learning	
Maximum Marks	4 Marks	

Initial Model Training Code, Model Validation and Evaluation Report

The initial model training code will be showcased in the future through a screenshot. The model validation and evaluation report will include classification reports, accuracy, and confusion matrices for multiple models, presented through respective screenshots.

Initial Model Training Code:

Paste the screenshot of the model training code

Model Validation and Evaluation Report:

Model	Classification Report	Accuracy	Confusion Matrix
1. K Nearest Neighbors Model	The second	0.98579	Image: Internation of the property of
			accuracy 8.97 440 macro avg 8.97 8.97 0.97 440 weighted avg 8.97 8.97 0.97 440





2. SVM Model	The state of the s	0.97784	svm-sVc() svm.fit(X\train,y_train) y_pred-svm.predict(X\test) print(classification_report(y_test,y_pred)) precision recall f1-score support
3.Decision Tree Model	Particular in control to the control of the control	0.7613	● definitive sentimensembler() Proceedings Proceedings Procedings
4. Random Forest Model	Section of the s	0.9954	● rfclassifie-Amodemorestilastifier() refclassifie-Amodemorestilastifier() print(classifier, print), train) precision recall f1.5core support apple 1.00 1.00 1.00 23 22 </td