**PROJECT NAME :** PLANT DISEASE DETECTION APP

**SUBJECT :** REGARDING CODING APPROVAL

**Group Number :** 15

**Group Members :**

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**Project Guide :**

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**CODING IMPLEMENTATION:**

* **PROGRAMMING LANGUAGES:-**
* Model Train :- Python
* Andriod App:- JAVA

**Operating System:-** windows 7 or above

**Editor / IDE:-** Visual studio code OR Andriod Studio

**Browser:-** chrome or Mozilla Firefox

**Database:-** SQLITE3

* **PYTHON MODULES:-**
* PYTHON 3.6 OR >
* NUMPY
* KERAS
* KERAS-APPLICATION
* KERAS PREPROCESSING
* SCIKIT-LEARN
* TENSERFLOW
* OPENCV-CONTRIB-PYTHON
* OPENCV-PYTHON
* JUPITER NOTEBOOK
* MATPLOTLIB
* **ALGORITHM :-**
* Convolutional Neural Network
* **IDE USED FOR MODEL TRAINING :-**
* Google Colab
* JUPITER NOTEBOOK
* **DEVELOPMENT KIT:-**
* JDK (Java Development Kit)
* SDK (Software Development Kit)
* Build CNN using some popularly used open-source Libraries for the development of AI, Machine Learning and also Deep Learning.
* **Matplotlib** : a plotting library for the Python programming language and its numerical mathematics extension.
* **Keras** : Keras is an open source neural network library written in Python.