CONCLUSION AND FUTURE WORK :

Many people consume news from social media instead of traditional news media. However, social media has also been used to spread fake news, which has negative impacts on individual people and society. In this paper, an innovative model for fake news detection using machine learning algorithms has been presented. This model takes news events as an input and based on twitter reviews and classification algorithms it predicts the percentage of news being fake or real.
The feasibility of the project is analyzed in this phase and business proposal is put forth with a very general plan for the project and some cost estimates. During system analysis the feasibility study of the proposed system is to be carried out. This is to ensure that the proposed system is not a burden to the company. For feasibility analysis, some understanding of the major requirements for the system is essential.This study is carried out to check the economic impact that the system will have on the organization. The amount of fund that the company can pour into the research and development of the system is limited. The expenditures must be justified. Thus the developed system as well within the budget and this was achieved because most of the technologies used are freely available. Only the customized products had to be purchased.

SOURCE CODE

```
from PyQt5 import QtCore, QtGui, QtWidgets
from Admin import Ui_Admin
import pandas as pd
class Ui_Dialog(object): def admin(self, event):
try:
self.admn = QtWidgets.QDialog()
 self.ui = Ui_Admin(self.admn)
 self.ui.setupUi(self.admn) self.admn.show()
except Exception as e: print(e.args[0])
tb = sys.exc_info()[2]
print(tb.tb_lineno) event.accept()
def setupUi(self, Dialog): Dialog.setObjectName("Dialog")
Dialog.resize(702, 435)
Dialog.setStyleSheet("background-color: rgb(0, 85, 127);")
```

```
self.label = QtWidgets.QLabel(Dialog)
self.label.setGeometry(QtCore.QRect(60, 60, 601, 41))
self.label.setStyleSheet("color: rgb(255, 255, 255);\n"
"font: 75 18pt \"Tahoma\";")
self.label.setObjectName("label")
self.label_2 = QtWidgets.QLabel(Dialog)
self.label_2.setGeometry(QtCore.QRect(200, 150, 261, 181)) 35
self.label_2.setStyleSheet("image: url(../N-Grams/images/admin.png);")
self.label_2.setText("")
self.label_2.setObjectName("label_2")
self.label_2.mousePressEvent = self.admin
self.retranslateUi(Dialog)
QtCore.QMetaObject.connectSlotsByName(Dialog)
def retranslateUi(self, Dialog):
_translate = QtCore.QCoreApplication.translate
Dialog.setWindowTitle(_translate("Dialog", "Online Fake News"))
self.label.setText(_translate("Dialog", "Detection of Online Fake News
Using N-
Gram Analysis"))
if _name_ == "_main_": import sys
app = QtWidgets.QApplication(sys.argv) Dialog = QtWidgets.QDialog()
ui = Ui_Dialog() ui.setupUi(Dialog) Dialog.show() sys.exit(app.exec_())
```