

COMPUTER SCIENCE AND ENGINEERING

Project Title:

INSTITUTE CHECKPOST MANAGEMENT SYSTEM

**

SUBMITTED BY:

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CERTIFICATE

This is to certify that the project entitled, “INSTITUTE CHECKPOST MANAGEMENT SYSTEM" submitted by Naresh Kumar, Shubham Sinha, Saurabh Oraon in partial fulfillment of the requirements for the "DBMS LAB" in "CSE, B.TECH" at the "Maulana Azad National Institute Of Technology,Bhopal" is an authentic work carried out by them under my supervision and guidance.

To the best of my knowledge, the matter embodied in the project has not been submitted to any other University / Institute for the award of any Degree or Diploma.

Date:   
  
Shweta Jain  
  
Asst. Prof, MANIT

ACKNOWLEDGEMENT

In performing our project, we had to take the help and guideline of some respected persons, who deserve our greatest gratitude. The completion of this project gives us much pleasure. We would like to show our gratitude to **Prof. Shweta Jain** DBMS course instructor, MANIT for giving us a good guideline for assignment throughout numerous consultations. Also special mention to our lab coordinator **Mr. Lokesh Chouhan** sir for assisting us .we would also like to expand our deepest gratitude to all those who have directly and indirectly guided us in writing this assignment.

Many people, especially our classmates and team members itself, have made valuable comment suggestions on this proposal which gave us an inspiration to improve our project. We thank all the people for their help directly and indirectly to complete our project.

Introduction

Institute Checkpost Management System is our project for database management system course. This is the desktop application based project. The application is intended to be used by the institute to check and keep record of incoming and outgoing vehicle. It will also keep records of students, staffs and all the residents of the institute who are having different types of vehicles.

The application is useful not only for keeping check on who is coming and going out but to ensure safety of the institute.

This application is developed by the combined efforts of **Mr. Naresh Chaudhary, Mr. Shubham Sinha** and **Mr. Saurabh oraon.** The design tool used for user interface is Qt designer , coding and connection to the database is done in Python and MySQL is used for storing and retrieving data in the database.

Why to use our application?

* Easy to use.
* Interface is user friendly.
* No internet connection required as it is desktop based application.
* Platform independent.

Overview of the project

* Desktop based application.
* User interface designed in 'Qt designer' tool and coding of the entire application is done in PYTHON 2.7.8.
* MySQL used for doing all operations on data (I.E storing in database, updating, deleting etc.)
* Python used for creating connection to the database.
* CSS is also used with the Python Script so as to provide an attractive look to the User Interfaces.
* The system comprises of 9 major modules User\_login,Options,Data\_entry,Purpose,Queries,Search\_by\_name,Search\_by\_address,Search\_by\_ID,Data\_retrieval.
* The admin will have the right to access the database.
* Password and username required to login into main page.
* Platform independent.

Functionalities to end user

* Unique id given to each person having bikes.
* Entry in form.
* Unique id and password for each user.
* Query related to the database can be done.
* User can see the data present in database but can’t modify it.

Existing software

The existing sysytem that we have taken into consideration is Gatehouse software .It is both offline and online application system. The gatehouse visitor and resident management program has two distinct applications. The administrator interface is designed for community database maintenance while the guard interface provides security personnel all the tools needed for processing guest entries. When combined with a gatehouse networking solutions and a gatehouse website solution, computer functionality is maximized*.*

**Administrator interface:** the administrator interface allows a set group of users exclusive access to certain areas of the database. Multiple usernames and passwords may be set, each with different access levels. All permanent resident information is entered via the administrator interface.

* Customize resident information fields displayed
* Display resident picture, automobiles, and guests neatly on main screen
* One-click status reports
* Create a separate record for each occupant of the residence
* One-click database maintenance utilities
* Search by any field or use quick searches
* Directories for multiple phone numbers and email addresses.

**Guard interface:** The guard interface offers an intuitive screen display, easily navigated by the user via touchscreen, function key or mouse-click options. The system quickly and efficiently processes guest access requests, thereby promoting the operational effectiveness of security personnel. Temporary guest information can be added or amended in this interface.

* Fills the entire screen, reducing distractions and touchscreen compatible
* Easy to read enlarged text
* Customizable access prompts, including license plate tag entry
* Guard can't change resident data
* Man down checks
* Visual icons for permanent, temporary and denied guests
* Simple to teach and learn
* Prints standard guest pass

Difference between our software and gatehouse software solution

* Our software is only desktop based application while gatehouse software solution is both online and offline based application.
* Two interface for both admin and guard is there in gatehouse software solution while in our case only one interface for both guard and admin.
* Touchscreen compatible : gatehouse software solution

No touchscreen compatibility: checkpost management system

* Prints standard guest pass: gatehouse software solution

No printing facility provided: checkpost management system

* Multiple usernames and passwords may be set, each with different access levels: gatehouse software solution

Only one username and password per user: checkpost management system

E-R Diagram

Person

is a

a

student

Staff member

other

has

Vehicle

Purpose of visit

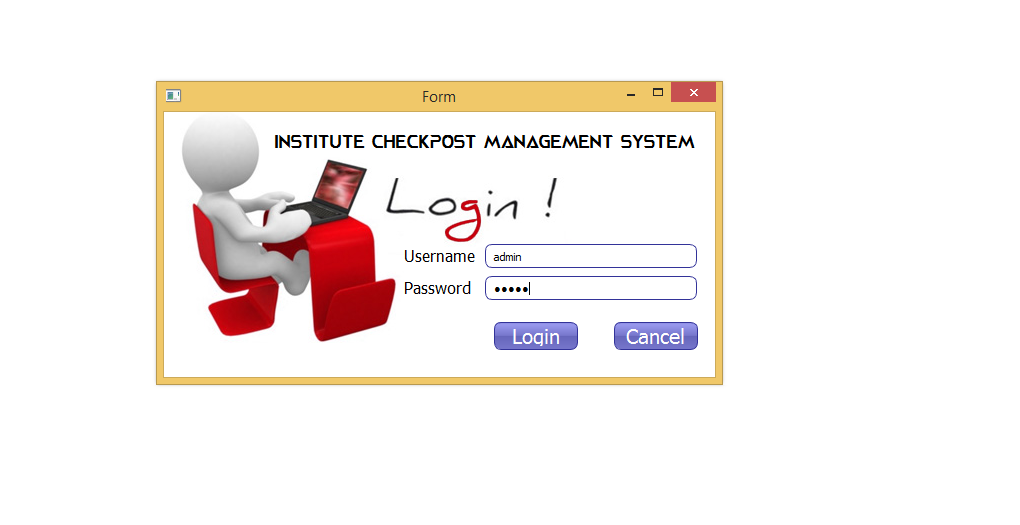
has

M

N

SCREENSHOTS :

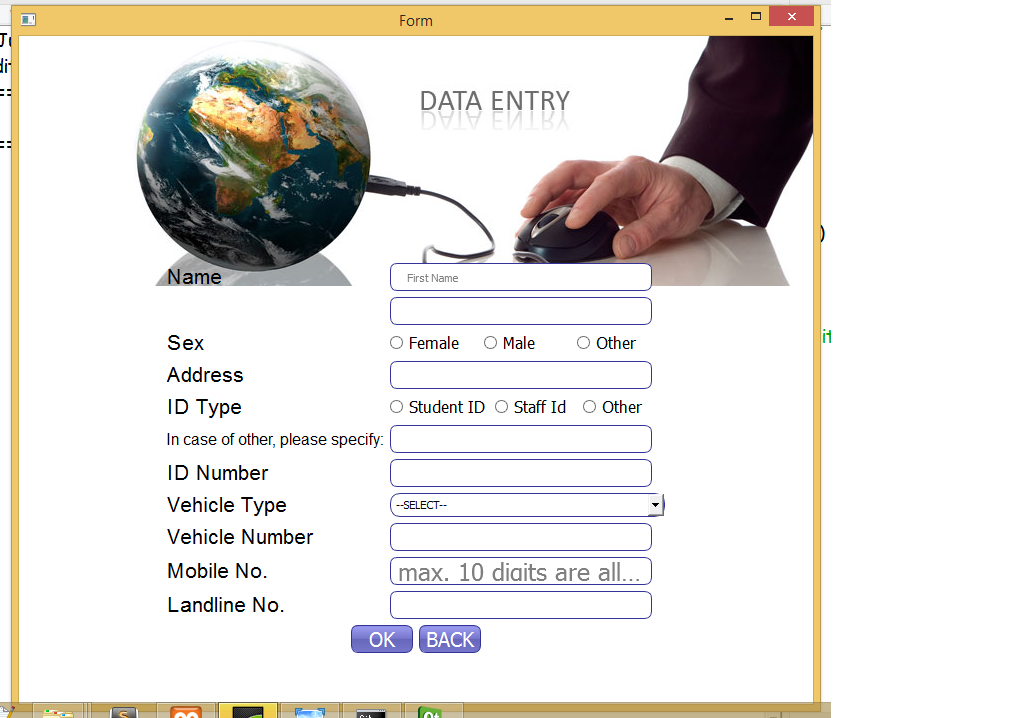
1. USER LOGIN:



1. OPTIONS:



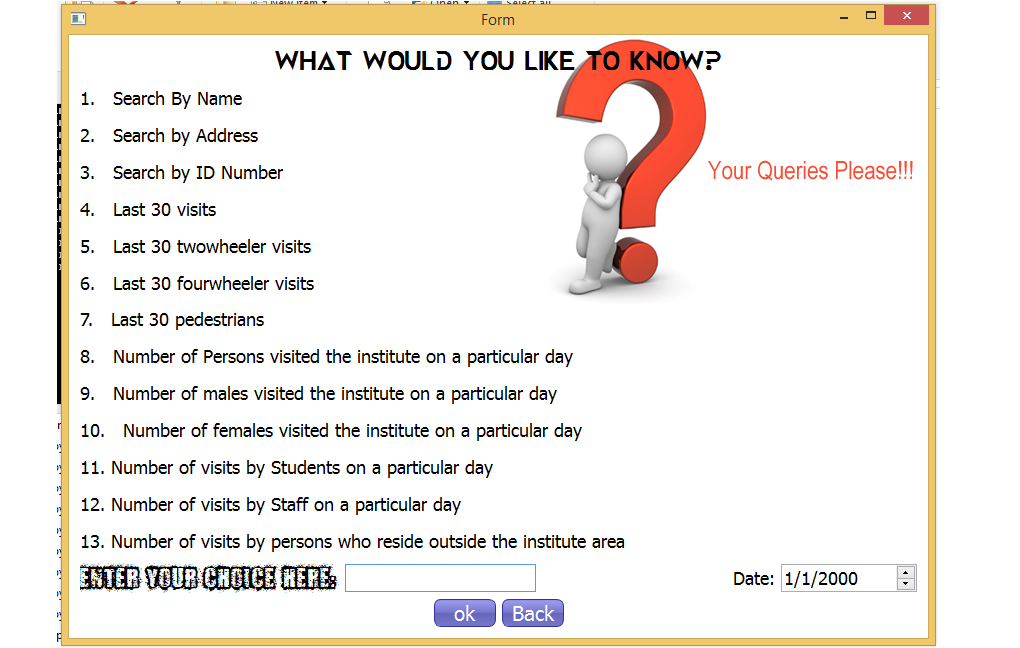
1. DATA ENTRY:



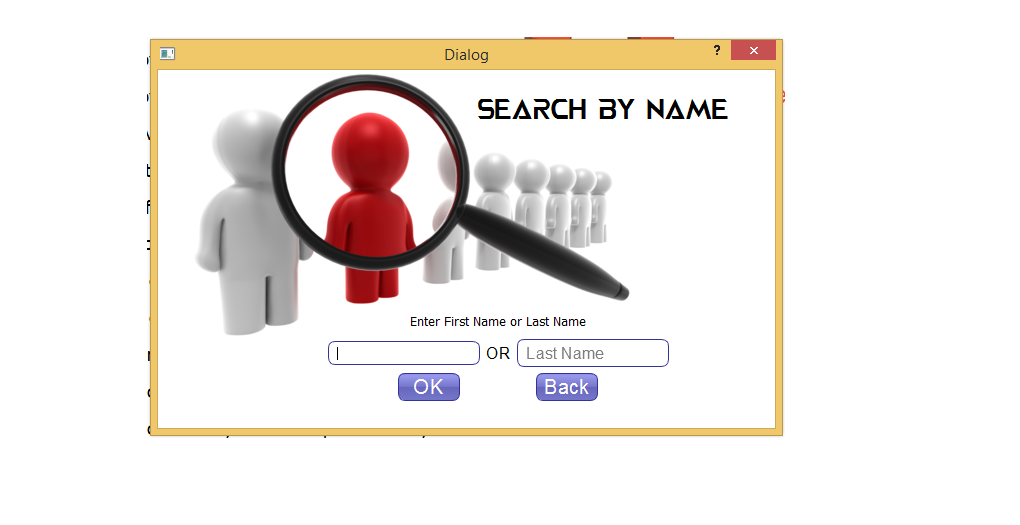
1. PURPOSE:



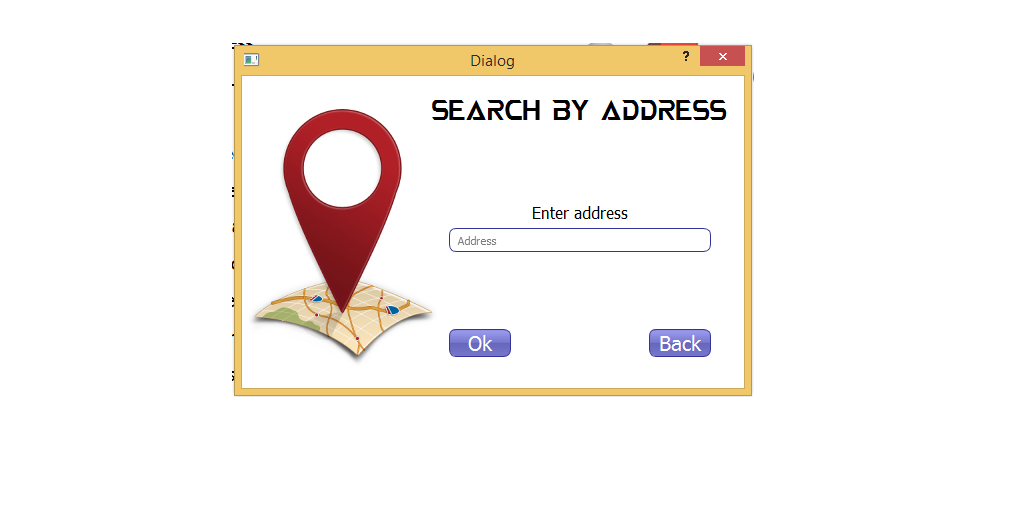
1. QUERIES:



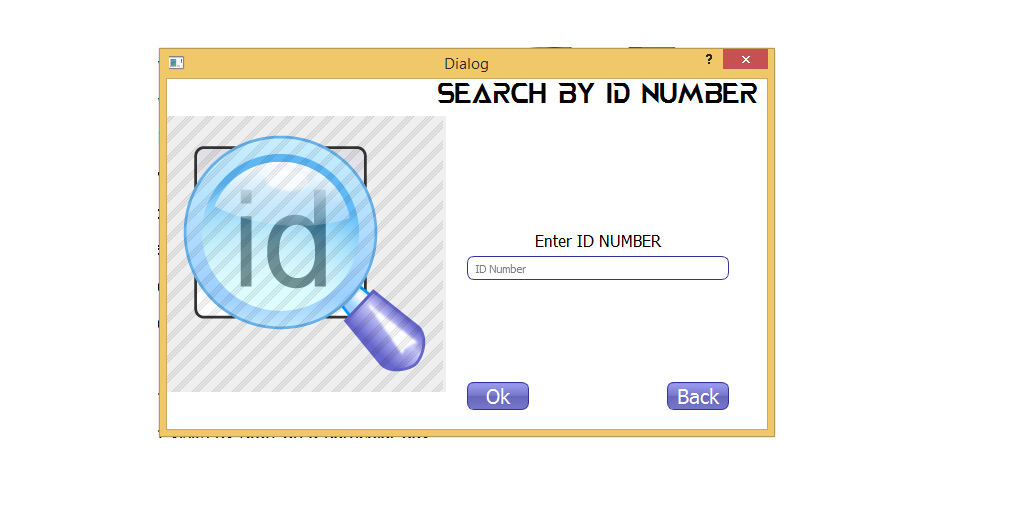
1. SEARCH BY NAME:



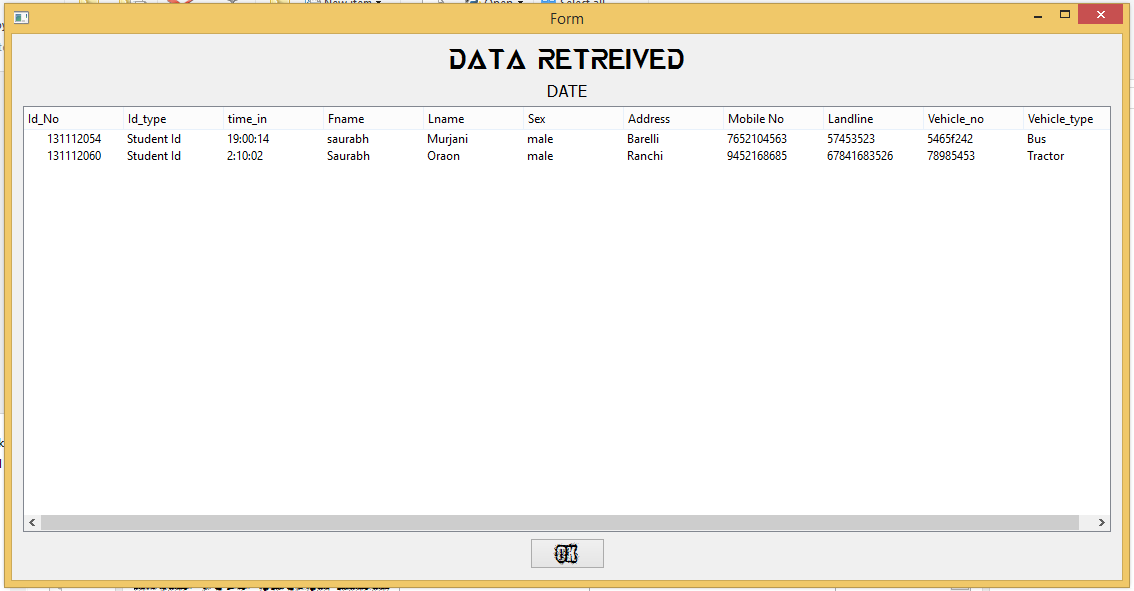
1. SEARCH BY ADDRESS:



1. SEARCH BY ID:



1. DATA RETREIVED:



CONCLUSION

In our project, we designed an application called Institute Checkpost Management System. The target users of the system are various institutes who want to keep track of record of person visited the institute.

We have learned much through the project. We were challenged by the complexity of the technologies needed to build the system. None of us had experience with UI designing and database applications before the project. We needed to learn different concepts and techniques quickly and apply them in the system. The project also provided a chance for us to accumulate experience in Python and SQL. This project experience has greatly enriched our knowledge and sharpened our technical skills.

CODE:

(Language: Python 2.7.8)

Module-1 (Main ):

import sys

import user\_login

from PyQt4 import QtGui,QtCore

if \_\_name\_\_ == "\_\_main\_\_":

app = QtGui.QApplication(sys.argv)

Form = QtGui.QWidget()

ui = user\_login.Ui\_Form()

ui.setupUi(Form)

Form.show()

sys.exit(app.exec\_())

Module-2( User\_Login):

#!/usr/bin/env python

# -\*- coding: utf-8 -\*-

# Form implementation generated from reading ui file 'user\_login.ui'

#

# Created: Tue Apr 14 21:52:43 2015

# by: PyQt4 UI code generator 4.11.3

#

# WARNING! All changes made in this file will be lost!

import options

import sys

from PyQt4 import QtCore, QtGui

try:

\_fromUtf8 = QtCore.QString.fromUtf8

except AttributeError:

def \_fromUtf8(s):

return s

try:

\_encoding = QtGui.QApplication.UnicodeUTF8

def \_translate(context, text, disambig):

return QtGui.QApplication.translate(context, text, disambig, \_encoding)

except AttributeError:

def \_translate(context, text, disambig):

return QtGui.QApplication.translate(context, text, disambig)

class Ui\_Form(QtGui.QWidget):

def \_\_init\_\_(self):

QtGui.QWidget.\_\_init\_\_(self)

self.setupUi(self)

self.confirm = None

def setupUi(self, Form):

Form.setObjectName(\_fromUtf8("Form"))

Form.resize(551, 265)

Form.setStyleSheet(\_fromUtf8("#Form{\n"

"background-image: url(C:/Python27/ICPMS/login.jpg);\n"

"background-repeat:no repeat;\n"

"background-position:left;\n"

"background-color:white;\n"

"}\n"

"QPushButton{\n"

"color: white;\n"

"background-color: QLinearGradient( x1: 0, y1: 0, x2: 0, y2: 1, stop: 0 #88d, stop: 0.1 #99e, stop: 0.49 #77c, stop: 0.5 #66b, stop: 1 #77c);\n"

"border-width: 1px;\n"

"border-color: #339;\n"

"border-style: solid;\n"

"border-radius: 7;\n"

"padding: 3px;\n"

"font-size: 20px;\n"

"padding-left: 5px;\n"

"padding-right: 5px;\n"

"min-width: 50px;\n"

"max-width: 50px;\n"

"min-height: 18px;\n"

"max-height: 20px;}\n"

"\n"

"QLineEdit{\n"

"border-width: 1px;\n"

"border-color: #339;\n"

"border-style: solid;\n"

"border-radius: 7;\n"

"padding: 3px;\n"

"padding-left: 5px;\n"

"padding-right: 5px;\n"

"}\n"

"\n"

""))

self.cancel\_btn = QtGui.QPushButton(Form)

self.cancel\_btn.setGeometry(QtCore.QRect(450, 210, 84, 28))

sizePolicy = QtGui.QSizePolicy(QtGui.QSizePolicy.Fixed, QtGui.QSizePolicy.Fixed)

sizePolicy.setHorizontalStretch(0)

sizePolicy.setVerticalStretch(0)

sizePolicy.setHeightForWidth(self.cancel\_btn.sizePolicy().hasHeightForWidth())

self.cancel\_btn.setSizePolicy(sizePolicy)

self.cancel\_btn.setMinimumSize(QtCore.QSize(84, 26))

self.cancel\_btn.setStyleSheet(\_fromUtf8("width:72px"))

self.cancel\_btn.setObjectName(\_fromUtf8("cancel\_btn"))

self.login\_btn = QtGui.QPushButton(Form)

self.login\_btn.setGeometry(QtCore.QRect(330, 210, 84, 28))

sizePolicy = QtGui.QSizePolicy(QtGui.QSizePolicy.Fixed, QtGui.QSizePolicy.Fixed)

sizePolicy.setHorizontalStretch(0)

sizePolicy.setVerticalStretch(0)

sizePolicy.setHeightForWidth(self.login\_btn.sizePolicy().hasHeightForWidth())

self.login\_btn.setSizePolicy(sizePolicy)

self.login\_btn.setMinimumSize(QtCore.QSize(84, 26))

self.login\_btn.setStyleSheet(\_fromUtf8("width:72px"))

self.login\_btn.setObjectName(\_fromUtf8("login\_btn"))

self.widget = QtGui.QWidget(Form)

self.widget.setGeometry(QtCore.QRect(240, 130, 293, 60))

self.widget.setObjectName(\_fromUtf8("widget"))

self.verticalLayout = QtGui.QVBoxLayout(self.widget)

self.verticalLayout.setMargin(0)

self.verticalLayout.setObjectName(\_fromUtf8("verticalLayout"))

self.horizontalLayout = QtGui.QHBoxLayout()

self.horizontalLayout.setObjectName(\_fromUtf8("horizontalLayout"))

self.username\_label = QtGui.QLabel(self.widget)

font = QtGui.QFont()

font.setPointSize(12)

self.username\_label.setFont(font)

self.username\_label.setObjectName(\_fromUtf8("username\_label"))

self.horizontalLayout.addWidget(self.username\_label)

self.username\_lineEdit = QtGui.QLineEdit(self.widget)

sizePolicy = QtGui.QSizePolicy(QtGui.QSizePolicy.Fixed, QtGui.QSizePolicy.Fixed)

sizePolicy.setHorizontalStretch(0)

sizePolicy.setVerticalStretch(0)

sizePolicy.setHeightForWidth(self.username\_lineEdit.sizePolicy().hasHeightForWidth())

self.username\_lineEdit.setSizePolicy(sizePolicy)

self.username\_lineEdit.setStyleSheet(\_fromUtf8("width:200px"))

self.username\_lineEdit.setObjectName(\_fromUtf8("username\_lineEdit"))

self.horizontalLayout.addWidget(self.username\_lineEdit)

self.verticalLayout.addLayout(self.horizontalLayout)

self.horizontalLayout\_2 = QtGui.QHBoxLayout()

self.horizontalLayout\_2.setObjectName(\_fromUtf8("horizontalLayout\_2"))

self.password\_label = QtGui.QLabel(self.widget)

font = QtGui.QFont()

font.setPointSize(12)

self.password\_label.setFont(font)

self.password\_label.setObjectName(\_fromUtf8("password\_label"))

self.horizontalLayout\_2.addWidget(self.password\_label)

self.password\_lineEdit = QtGui.QLineEdit(self.widget)

sizePolicy = QtGui.QSizePolicy(QtGui.QSizePolicy.Fixed, QtGui.QSizePolicy.Fixed)

sizePolicy.setHorizontalStretch(0)

sizePolicy.setVerticalStretch(0)

sizePolicy.setHeightForWidth(self.password\_lineEdit.sizePolicy().hasHeightForWidth())

self.password\_lineEdit.setSizePolicy(sizePolicy)

self.password\_lineEdit.setStyleSheet(\_fromUtf8("width:200px"))

self.password\_lineEdit.setEchoMode(QtGui.QLineEdit.Password)

self.password\_lineEdit.setObjectName(\_fromUtf8("password\_lineEdit"))

self.horizontalLayout\_2.addWidget(self.password\_lineEdit)

self.verticalLayout.addLayout(self.horizontalLayout\_2)

self.label = QtGui.QLabel(Form)

self.label.setGeometry(QtCore.QRect(30, 0, 501, 61))

font = QtGui.QFont()

font.setFamily(\_fromUtf8("NEOTERIQUE"))

font.setPointSize(14)

self.label.setFont(font)

self.label.setAlignment(QtCore.Qt.AlignRight|QtCore.Qt.AlignTrailing|QtCore.Qt.AlignVCenter)

self.label.setObjectName(\_fromUtf8("label"))

QtCore.QObject.connect(self.login\_btn, QtCore.SIGNAL(\_fromUtf8("clicked()")), self.Login\_btn)

QtCore.QObject.connect(self.cancel\_btn, QtCore.SIGNAL(\_fromUtf8("clicked()")), Form.close)

self.retranslateUi(Form)

QtCore.QMetaObject.connectSlotsByName(Form)

def retranslateUi(self, Form):

Form.setWindowTitle(\_translate("Form", "Form", None))

self.cancel\_btn.setText(\_translate("Form", "Cancel", None))

self.login\_btn.setText(\_translate("Form", "Login", None))

self.username\_label.setText(\_translate("Form", "Username", None))

self.password\_label.setText(\_translate("Form", "Password", None))

self.label.setText(\_translate("Form", "INSTITUTE CHECKPOST MANAGEMENT SYSTEM", None))

def Login\_btn(self):

username = self.username\_lineEdit.text()

password = self.password\_lineEdit.text()

if not username:

QtGui.QMessageBox.warning(self, 'Guess What?', 'Username Missing!')

elif not password:

QtGui.QMessageBox.warning(self, 'Guess What?', 'Password Missing!')

else:

self.AttemptLogin(username, password)

def AttemptLogin(self, username, password):

if username == 'admin':

if password == '12345':

self.options=options.Ui\_Options\_form()

self.options.show()

self.close()

else:

QtGui.QMessageBox.warning(self, 'Dang it!', 'Password incorrect...')

return

if \_\_name\_\_ == "\_\_main\_\_":

import sys

app = QtGui.QApplication(sys.argv)

Form = QtGui.QWidget()

ui = Ui\_Form()

ui.setupUi(Form)

Form.show()

sys.exit(app.exec\_())

Module-3(Options):

# -\*- coding: utf-8 -\*-

# Form implementation generated from reading ui file 'options.ui'

#

# Created: Tue Apr 14 21:40:25 2015

# by: PyQt4 UI code generator 4.11.3

#

# WARNING! All changes made in this file will be lost!

from PyQt4 import QtCore, QtGui

from PyQt4 import QtCore, QtGui

import sys

import data\_entry,queries

try:

\_fromUtf8 = QtCore.QString.fromUtf8

except AttributeError:

def \_fromUtf8(s):

return s

try:

\_encoding = QtGui.QApplication.UnicodeUTF8

def \_translate(context, text, disambig):

return QtGui.QApplication.translate(context, text, disambig, \_encoding)

except AttributeError:

def \_translate(context, text, disambig):

return QtGui.QApplication.translate(context, text, disambig)

class Ui\_Options\_form(QtGui.QWidget):

flag=0

def \_\_init\_\_(self):

QtGui.QWidget.\_\_init\_\_(self)

self.setupUi(self)

self.confirm=None

def setupUi(self, Options\_form):

Options\_form.setObjectName(\_fromUtf8("Options\_form"))

Options\_form.resize(475, 291)

palette = QtGui.QPalette()

brush = QtGui.QBrush(QtGui.QColor(0, 0, 255))

brush.setStyle(QtCore.Qt.SolidPattern)

palette.setBrush(QtGui.QPalette.Active, QtGui.QPalette.WindowText, brush)

brush = QtGui.QBrush(QtGui.QColor(255, 255, 255))

brush.setStyle(QtCore.Qt.SolidPattern)

palette.setBrush(QtGui.QPalette.Active, QtGui.QPalette.Button, brush)

brush = QtGui.QBrush(QtGui.QColor(0, 0, 255))

brush.setStyle(QtCore.Qt.SolidPattern)

palette.setBrush(QtGui.QPalette.Active, QtGui.QPalette.ButtonText, brush)

brush = QtGui.QBrush(QtGui.QColor(255, 255, 255))

brush.setStyle(QtCore.Qt.SolidPattern)

palette.setBrush(QtGui.QPalette.Active, QtGui.QPalette.Base, brush)

brush = QtGui.QBrush(QtGui.QColor(255, 255, 255))

brush.setStyle(QtCore.Qt.SolidPattern)

palette.setBrush(QtGui.QPalette.Active, QtGui.QPalette.Window, brush)

brush = QtGui.QBrush(QtGui.QColor(0, 0, 255))

brush.setStyle(QtCore.Qt.SolidPattern)

palette.setBrush(QtGui.QPalette.Inactive, QtGui.QPalette.WindowText, brush)

brush = QtGui.QBrush(QtGui.QColor(255, 255, 255))

brush.setStyle(QtCore.Qt.SolidPattern)

palette.setBrush(QtGui.QPalette.Inactive, QtGui.QPalette.Button, brush)

brush = QtGui.QBrush(QtGui.QColor(0, 0, 255))

brush.setStyle(QtCore.Qt.SolidPattern)

palette.setBrush(QtGui.QPalette.Inactive, QtGui.QPalette.ButtonText, brush)

brush = QtGui.QBrush(QtGui.QColor(255, 255, 255))

brush.setStyle(QtCore.Qt.SolidPattern)

palette.setBrush(QtGui.QPalette.Inactive, QtGui.QPalette.Base, brush)

brush = QtGui.QBrush(QtGui.QColor(255, 255, 255))

brush.setStyle(QtCore.Qt.SolidPattern)

palette.setBrush(QtGui.QPalette.Inactive, QtGui.QPalette.Window, brush)

brush = QtGui.QBrush(QtGui.QColor(120, 120, 120))

brush.setStyle(QtCore.Qt.SolidPattern)

palette.setBrush(QtGui.QPalette.Disabled, QtGui.QPalette.WindowText, brush)

brush = QtGui.QBrush(QtGui.QColor(255, 255, 255))

brush.setStyle(QtCore.Qt.SolidPattern)

palette.setBrush(QtGui.QPalette.Disabled, QtGui.QPalette.Button, brush)

brush = QtGui.QBrush(QtGui.QColor(120, 120, 120))

brush.setStyle(QtCore.Qt.SolidPattern)

palette.setBrush(QtGui.QPalette.Disabled, QtGui.QPalette.ButtonText, brush)

brush = QtGui.QBrush(QtGui.QColor(255, 255, 255))

brush.setStyle(QtCore.Qt.SolidPattern)

palette.setBrush(QtGui.QPalette.Disabled, QtGui.QPalette.Base, brush)

brush = QtGui.QBrush(QtGui.QColor(255, 255, 255))

brush.setStyle(QtCore.Qt.SolidPattern)

palette.setBrush(QtGui.QPalette.Disabled, QtGui.QPalette.Window, brush)

Options\_form.setPalette(palette)

font = QtGui.QFont()

font.setPointSize(16)

Options\_form.setFont(font)

Options\_form.setStyleSheet(\_fromUtf8("#Options\_form{\n"

"background-image: url(/Python27/ICPMS/options3.jpg);\n"

"background-repeat: no-repeat;\n"

"background-position: center;\n"

"background-size: 250px 250px;\n"

"background-color:white;\n"

"}\n"

"QPushButton {\n"

"color: white;\n"

"background-color: QLinearGradient( x1: 0, y1: 0, x2: 0, y2: 1, stop: 0 #88d, stop: 0.1 #99e, stop: 0.49 #77c, stop: 0.5 #66b, stop: 1 #77c);\n"

"border-width: 1px;\n"

"border-color: #339;\n"

"border-style: solid;\n"

"border-radius: 7;\n"

"padding: 3px;\n"

"font-size: 20px;\n"

"padding-left: 5px;\n"

"padding-right: 5px;\n"

"min-width: 50px;\n"

"max-width: 50px;\n"

"min-height: 18px;\n"

"max-height: 20px;\n"

"}\n"

""))

self.horizontalLayout\_4 = QtGui.QHBoxLayout(Options\_form)

self.horizontalLayout\_4.setObjectName(\_fromUtf8("horizontalLayout\_4"))

self.verticalLayout = QtGui.QVBoxLayout()

self.verticalLayout.setObjectName(\_fromUtf8("verticalLayout"))

self.label = QtGui.QLabel(Options\_form)

font = QtGui.QFont()

font.setFamily(\_fromUtf8("NEOTERIQUE"))

font.setPointSize(22)

self.label.setFont(font)

self.label.setStyleSheet(\_fromUtf8(""))

self.label.setAlignment(QtCore.Qt.AlignCenter)

self.label.setObjectName(\_fromUtf8("label"))

self.verticalLayout.addWidget(self.label)

spacerItem = QtGui.QSpacerItem(20, 40, QtGui.QSizePolicy.Minimum, QtGui.QSizePolicy.Expanding)

self.verticalLayout.addItem(spacerItem)

self.horizontalLayout = QtGui.QHBoxLayout()

self.horizontalLayout.setObjectName(\_fromUtf8("horizontalLayout"))

spacerItem1 = QtGui.QSpacerItem(40, 20, QtGui.QSizePolicy.Expanding, QtGui.QSizePolicy.Minimum)

self.horizontalLayout.addItem(spacerItem1)

spacerItem2 = QtGui.QSpacerItem(20, 40, QtGui.QSizePolicy.Minimum, QtGui.QSizePolicy.Expanding)

self.horizontalLayout.addItem(spacerItem2)

self.dataentry\_rbtn = QtGui.QRadioButton(Options\_form)

font = QtGui.QFont()

font.setPointSize(16)

self.dataentry\_rbtn.setFont(font)

self.dataentry\_rbtn.setStyleSheet(\_fromUtf8(""))

self.dataentry\_rbtn.setObjectName(\_fromUtf8("dataentry\_rbtn"))

self.buttonGroup = QtGui.QButtonGroup(Options\_form)

self.buttonGroup.setObjectName(\_fromUtf8("buttonGroup"))

self.buttonGroup.addButton(self.dataentry\_rbtn)

self.horizontalLayout.addWidget(self.dataentry\_rbtn)

spacerItem3 = QtGui.QSpacerItem(40, 20, QtGui.QSizePolicy.Expanding, QtGui.QSizePolicy.Minimum)

self.horizontalLayout.addItem(spacerItem3)

spacerItem4 = QtGui.QSpacerItem(40, 20, QtGui.QSizePolicy.Expanding, QtGui.QSizePolicy.Minimum)

self.horizontalLayout.addItem(spacerItem4)

self.queries\_rbtn = QtGui.QRadioButton(Options\_form)

font = QtGui.QFont()

font.setPointSize(16)

self.queries\_rbtn.setFont(font)

self.queries\_rbtn.setObjectName(\_fromUtf8("queries\_rbtn"))

self.buttonGroup.addButton(self.queries\_rbtn)

self.horizontalLayout.addWidget(self.queries\_rbtn)

spacerItem5 = QtGui.QSpacerItem(40, 20, QtGui.QSizePolicy.Expanding, QtGui.QSizePolicy.Minimum)

self.horizontalLayout.addItem(spacerItem5)

self.verticalLayout.addLayout(self.horizontalLayout)

self.horizontalLayout\_2 = QtGui.QHBoxLayout()

self.horizontalLayout\_2.setObjectName(\_fromUtf8("horizontalLayout\_2"))

spacerItem6 = QtGui.QSpacerItem(40, 20, QtGui.QSizePolicy.Expanding, QtGui.QSizePolicy.Minimum)

self.horizontalLayout\_2.addItem(spacerItem6)

self.ok\_btn = QtGui.QPushButton(Options\_form)

font = QtGui.QFont()

font.setPointSize(-1)

self.ok\_btn.setFont(font)

self.ok\_btn.setStyleSheet(\_fromUtf8("width:70px"))

self.ok\_btn.setObjectName(\_fromUtf8("ok\_btn"))

self.horizontalLayout\_2.addWidget(self.ok\_btn)

self.cancel\_btn = QtGui.QPushButton(Options\_form)

self.cancel\_btn.setMinimumSize(QtCore.QSize(82, 26))

font = QtGui.QFont()

font.setPointSize(-1)

self.cancel\_btn.setFont(font)

self.cancel\_btn.setStyleSheet(\_fromUtf8("width:70px"))

self.cancel\_btn.setObjectName(\_fromUtf8("cancel\_btn"))

self.horizontalLayout\_2.addWidget(self.cancel\_btn)

self.verticalLayout.addLayout(self.horizontalLayout\_2)

self.horizontalLayout\_4.addLayout(self.verticalLayout)

self.que=queries.Ui\_queries()

self.dat=data\_entry.Ui\_Form()

self.connect(self.dataentry\_rbtn, QtCore.SIGNAL("toggled(bool)"),self.setflag1)

self.connect(self.queries\_rbtn,QtCore.SIGNAL("toggled(bool)"),self.setflag2)

self.connect(self.ok\_btn, QtCore.SIGNAL("clicked()"),self.checkflag)

self.connect(self.cancel\_btn,QtCore.SIGNAL("clicked()"),self.close)

self.retranslateUi(Options\_form)

QtCore.QMetaObject.connectSlotsByName(Options\_form)

def setflag1(self,flag):

self.flag=1

def setflag2(self,flag):

self.flag=2

def checkflag(self):

if self.flag==1:

self.dat.show()

self.close()

elif self.flag==2:

self.que.show()

self.close()

def retranslateUi(self, Options\_form):

Options\_form.setWindowTitle(\_translate("Options\_form", "Form", None))

self.label.setText(\_translate("Options\_form", "What would you like to do??", None))

self.dataentry\_rbtn.setText(\_translate("Options\_form", "Data Entry", None))

self.queries\_rbtn.setText(\_translate("Options\_form", "Queries", None))

self.ok\_btn.setText(\_translate("Options\_form", "OK", None))

self.cancel\_btn.setText(\_translate("Options\_form", "Cancel", None))

if \_\_name\_\_ == "\_\_main\_\_":

import sys

app = QtGui.QApplication(sys.argv)

Options\_form = QtGui.QWidget()

ui = Ui\_Options\_form()

ui.setupUi(Options\_form)

Options\_form.show()

sys.exit(app.exec\_())

Module-4(Data\_Entry):

# -\*- coding: utf-8 -\*-

# Form implementation generated from reading ui file 'data\_entry.ui'

#

# Created: Tue Apr 14 21:32:53 2015

# by: PyQt4 UI code generator 4.11.3

#

# WARNING! All changes made in this file will be lost!

import DB\_manager,purpose,options

from PyQt4 import QtCore, QtGui

try:

\_fromUtf8 = QtCore.QString.fromUtf8

except AttributeError:

def \_fromUtf8(s):

return s

try:

\_encoding = QtGui.QApplication.UnicodeUTF8

def \_translate(context, text, disambig):

return QtGui.QApplication.translate(context, text, disambig, \_encoding)

except AttributeError:

def \_translate(context, text, disambig):

return QtGui.QApplication.translate(context, text, disambig)

class Ui\_Form(QtGui.QWidget):

flag\_id=0

flag\_sex=0

vehicle\_type=0

def \_\_init\_\_(self):

QtGui.QWidget.\_\_init\_\_(self)

self.setupUi(self)

self.confirm=None

def setupUi(self, Form):

Form.setObjectName(\_fromUtf8("Form"))

Form.resize(794, 668)

palette = QtGui.QPalette()

brush = QtGui.QBrush(QtGui.QColor(0, 0, 0))

brush.setStyle(QtCore.Qt.SolidPattern)

palette.setBrush(QtGui.QPalette.Active, QtGui.QPalette.WindowText, brush)

brush = QtGui.QBrush(QtGui.QColor(255, 255, 255))

brush.setStyle(QtCore.Qt.SolidPattern)

palette.setBrush(QtGui.QPalette.Active, QtGui.QPalette.Button, brush)

brush = QtGui.QBrush(QtGui.QColor(255, 255, 255))

brush.setStyle(QtCore.Qt.SolidPattern)

palette.setBrush(QtGui.QPalette.Active, QtGui.QPalette.Base, brush)

brush = QtGui.QBrush(QtGui.QColor(255, 255, 255))

brush.setStyle(QtCore.Qt.SolidPattern)

palette.setBrush(QtGui.QPalette.Active, QtGui.QPalette.Window, brush)

brush = QtGui.QBrush(QtGui.QColor(0, 0, 0))

brush.setStyle(QtCore.Qt.SolidPattern)

palette.setBrush(QtGui.QPalette.Inactive, QtGui.QPalette.WindowText, brush)

brush = QtGui.QBrush(QtGui.QColor(255, 255, 255))

brush.setStyle(QtCore.Qt.SolidPattern)

palette.setBrush(QtGui.QPalette.Inactive, QtGui.QPalette.Button, brush)

brush = QtGui.QBrush(QtGui.QColor(255, 255, 255))

brush.setStyle(QtCore.Qt.SolidPattern)

palette.setBrush(QtGui.QPalette.Inactive, QtGui.QPalette.Base, brush)

brush = QtGui.QBrush(QtGui.QColor(255, 255, 255))

brush.setStyle(QtCore.Qt.SolidPattern)

palette.setBrush(QtGui.QPalette.Inactive, QtGui.QPalette.Window, brush)

brush = QtGui.QBrush(QtGui.QColor(120, 120, 120))

brush.setStyle(QtCore.Qt.SolidPattern)

palette.setBrush(QtGui.QPalette.Disabled, QtGui.QPalette.WindowText, brush)

brush = QtGui.QBrush(QtGui.QColor(255, 255, 255))

brush.setStyle(QtCore.Qt.SolidPattern)

palette.setBrush(QtGui.QPalette.Disabled, QtGui.QPalette.Button, brush)

brush = QtGui.QBrush(QtGui.QColor(255, 255, 255))

brush.setStyle(QtCore.Qt.SolidPattern)

palette.setBrush(QtGui.QPalette.Disabled, QtGui.QPalette.Base, brush)

brush = QtGui.QBrush(QtGui.QColor(255, 255, 255))

brush.setStyle(QtCore.Qt.SolidPattern)

palette.setBrush(QtGui.QPalette.Disabled, QtGui.QPalette.Window, brush)

Form.setPalette(palette)

font = QtGui.QFont()

font.setPointSize(18)

Form.setFont(font)

Form.setCursor(QtGui.QCursor(QtCore.Qt.ArrowCursor))

Form.setFocusPolicy(QtCore.Qt.NoFocus)

Form.setStyleSheet(\_fromUtf8("#Form{\n"

"background-image: url(C:/Python27/ICPMS/data3.jpg);\n"

"background-repeat: no-repeat;\n"

"background-position: top right;\n"

"background-size: 250px 250px;\n"

"background-color:white;\n"

"}\n"

"QPushButton {\n"

"color: white;\n"

"background-color: QLinearGradient( x1: 0, y1: 0, x2: 0, y2: 1, stop: 0 #88d, stop: 0.1 #99e, stop: 0.49 #77c, stop: 0.5 #66b, stop: 1 #77c);\n"

"border-width: 1px;\n"

"border-color: #339;\n"

"border-style: solid;\n"

"border-radius: 7;\n"

"padding: 3px;\n"

"font-size: 20px;\n"

"padding-left: 5px;\n"

"padding-right: 5px;\n"

"min-width: 50px;\n"

"max-width: 50px;\n"

"min-height: 18px;\n"

"max-height: 20px;\n"

"}\n"

"QLineEdit{\n"

"border-width: 1px;\n"

"border-color: #339;\n"

"border-style: solid;\n"

"border-radius: 7;\n"

"padding: 3px;\n"

"padding-left: 5px;\n"

"padding-right: 5px;\n"

"width:250px;\n"

"height:20px;\n"

"}\n"

"\n"

"QComboBox{\n"

"border-width: 1px;\n"

"border-color: #339;\n"

"border-style: solid;\n"

"border-radius: 7;\n"

"padding: 3px;\n"

"padding-left: 5px;\n"

"padding-right: 5px;\n"

"width:245px;\n"

"}"))

self.verticalLayout = QtGui.QVBoxLayout(Form)

self.verticalLayout.setObjectName(\_fromUtf8("verticalLayout"))

spacerItem = QtGui.QSpacerItem(20, 40, QtGui.QSizePolicy.Minimum, QtGui.QSizePolicy.Expanding)

self.verticalLayout.addItem(spacerItem)

spacerItem1 = QtGui.QSpacerItem(20, 40, QtGui.QSizePolicy.Minimum, QtGui.QSizePolicy.Expanding)

self.verticalLayout.addItem(spacerItem1)

spacerItem2 = QtGui.QSpacerItem(20, 40, QtGui.QSizePolicy.Minimum, QtGui.QSizePolicy.Expanding)

self.verticalLayout.addItem(spacerItem2)

spacerItem3 = QtGui.QSpacerItem(20, 40, QtGui.QSizePolicy.Minimum, QtGui.QSizePolicy.Expanding)

self.verticalLayout.addItem(spacerItem3)

self.gridLayout = QtGui.QGridLayout()

self.gridLayout.setObjectName(\_fromUtf8("gridLayout"))

self.Lname\_lineEdit = QtGui.QLineEdit(Form)

sizePolicy = QtGui.QSizePolicy(QtGui.QSizePolicy.Fixed, QtGui.QSizePolicy.Fixed)

sizePolicy.setHorizontalStretch(0)

sizePolicy.setVerticalStretch(0)

sizePolicy.setHeightForWidth(self.Lname\_lineEdit.sizePolicy().hasHeightForWidth())

self.Lname\_lineEdit.setSizePolicy(sizePolicy)

self.Lname\_lineEdit.setStyleSheet(\_fromUtf8(""))

self.Lname\_lineEdit.setObjectName(\_fromUtf8("Lname\_lineEdit"))

self.gridLayout.addWidget(self.Lname\_lineEdit, 2, 2, 1, 1)

self.label\_6 = QtGui.QLabel(Form)

font = QtGui.QFont()

font.setFamily(\_fromUtf8("Arial"))

font.setPointSize(16)

self.label\_6.setFont(font)

self.label\_6.setObjectName(\_fromUtf8("label\_6"))

self.gridLayout.addWidget(self.label\_6, 3, 1, 1, 1)

self.label\_9 = QtGui.QLabel(Form)

font = QtGui.QFont()

font.setFamily(\_fromUtf8("Arial"))

font.setPointSize(16)

font.setUnderline(False)

self.label\_9.setFont(font)

self.label\_9.setObjectName(\_fromUtf8("label\_9"))

self.gridLayout.addWidget(self.label\_9, 4, 1, 1, 1)

self.label\_2 = QtGui.QLabel(Form)

font = QtGui.QFont()

font.setFamily(\_fromUtf8("Arial"))

font.setPointSize(16)

self.label\_2.setFont(font)

self.label\_2.setObjectName(\_fromUtf8("label\_2"))

self.gridLayout.addWidget(self.label\_2, 5, 1, 1, 1)

self.horizontalLayout = QtGui.QHBoxLayout()

self.horizontalLayout.setContentsMargins(0, 0, 0, -1)

self.horizontalLayout.setObjectName(\_fromUtf8("horizontalLayout"))

self.std\_id\_rbtn = QtGui.QRadioButton(Form)

font = QtGui.QFont()

font.setPointSize(12)

self.std\_id\_rbtn.setFont(font)

self.std\_id\_rbtn.setMouseTracking(True)

self.std\_id\_rbtn.setObjectName(\_fromUtf8("std\_id\_rbtn"))

self.buttonGroup\_2 = QtGui.QButtonGroup(Form)

self.buttonGroup\_2.setObjectName(\_fromUtf8("buttonGroup\_2"))

self.buttonGroup\_2.addButton(self.std\_id\_rbtn)

self.horizontalLayout.addWidget(self.std\_id\_rbtn)

self.staff\_id\_rbtn = QtGui.QRadioButton(Form)

font = QtGui.QFont()

font.setPointSize(12)

self.staff\_id\_rbtn.setFont(font)

self.staff\_id\_rbtn.setObjectName(\_fromUtf8("staff\_id\_rbtn"))

self.buttonGroup\_2.addButton(self.staff\_id\_rbtn)

self.horizontalLayout.addWidget(self.staff\_id\_rbtn)

self.other\_id\_rbtn = QtGui.QRadioButton(Form)

font = QtGui.QFont()

font.setPointSize(12)

self.other\_id\_rbtn.setFont(font)

self.other\_id\_rbtn.setObjectName(\_fromUtf8("other\_id\_rbtn"))

self.buttonGroup\_2.addButton(self.other\_id\_rbtn)

self.horizontalLayout.addWidget(self.other\_id\_rbtn)

self.gridLayout.addLayout(self.horizontalLayout, 5, 2, 1, 1)

self.adddress\_lineEdit = QtGui.QLineEdit(Form)

sizePolicy = QtGui.QSizePolicy(QtGui.QSizePolicy.Fixed, QtGui.QSizePolicy.Fixed)

sizePolicy.setHorizontalStretch(0)

sizePolicy.setVerticalStretch(0)

sizePolicy.setHeightForWidth(self.adddress\_lineEdit.sizePolicy().hasHeightForWidth())

self.adddress\_lineEdit.setSizePolicy(sizePolicy)

self.adddress\_lineEdit.setStyleSheet(\_fromUtf8("width:250px"))

self.adddress\_lineEdit.setObjectName(\_fromUtf8("adddress\_lineEdit"))

self.gridLayout.addWidget(self.adddress\_lineEdit, 4, 2, 1, 1)

self.Fname\_lineEdit = QtGui.QLineEdit(Form)

sizePolicy = QtGui.QSizePolicy(QtGui.QSizePolicy.Fixed, QtGui.QSizePolicy.Fixed)

sizePolicy.setHorizontalStretch(0)

sizePolicy.setVerticalStretch(0)

sizePolicy.setHeightForWidth(self.Fname\_lineEdit.sizePolicy().hasHeightForWidth())

self.Fname\_lineEdit.setSizePolicy(sizePolicy)

self.Fname\_lineEdit.setStyleSheet(\_fromUtf8("width:250px"))

self.Fname\_lineEdit.setObjectName(\_fromUtf8("Fname\_lineEdit"))

self.gridLayout.addWidget(self.Fname\_lineEdit, 1, 2, 1, 1)

self.vehicletype\_comboBox = QtGui.QComboBox(Form)

self.vehicletype\_comboBox.setEnabled(True)

sizePolicy = QtGui.QSizePolicy(QtGui.QSizePolicy.Fixed, QtGui.QSizePolicy.Fixed)

sizePolicy.setHorizontalStretch(0)

sizePolicy.setVerticalStretch(0)

sizePolicy.setHeightForWidth(self.vehicletype\_comboBox.sizePolicy().hasHeightForWidth())

self.vehicletype\_comboBox.setSizePolicy(sizePolicy)

self.vehicletype\_comboBox.setStyleSheet(\_fromUtf8("border-radius:10px;width:245px"))

self.vehicletype\_comboBox.setObjectName(\_fromUtf8("vehicletype\_comboBox"))

self.vehicletype\_comboBox.addItem(\_fromUtf8(""))

self.vehicletype\_comboBox.addItem(\_fromUtf8(""))

self.vehicletype\_comboBox.addItem(\_fromUtf8(""))

self.vehicletype\_comboBox.addItem(\_fromUtf8(""))

self.vehicletype\_comboBox.addItem(\_fromUtf8(""))

self.vehicletype\_comboBox.addItem(\_fromUtf8(""))

self.vehicletype\_comboBox.addItem(\_fromUtf8(""))

self.vehicletype\_comboBox.addItem(\_fromUtf8(""))

self.vehicletype\_comboBox.addItem(\_fromUtf8(""))

self.vehicletype\_comboBox.addItem(\_fromUtf8(""))

self.gridLayout.addWidget(self.vehicletype\_comboBox, 8, 2, 1, 1)

self.label\_7 = QtGui.QLabel(Form)

self.label\_7.setEnabled(True)

font = QtGui.QFont()

font.setFamily(\_fromUtf8("Arial"))

font.setPointSize(12)

font.setKerning(True)

self.label\_7.setFont(font)

self.label\_7.setMouseTracking(False)

self.label\_7.setObjectName(\_fromUtf8("label\_7"))

self.gridLayout.addWidget(self.label\_7, 6, 1, 1, 1)

self.label\_4 = QtGui.QLabel(Form)

font = QtGui.QFont()

font.setFamily(\_fromUtf8("Arial"))

font.setPointSize(16)

self.label\_4.setFont(font)

self.label\_4.setObjectName(\_fromUtf8("label\_4"))

self.gridLayout.addWidget(self.label\_4, 9, 1, 1, 1)

self.vehicle\_number\_lineEdit = QtGui.QLineEdit(Form)

sizePolicy = QtGui.QSizePolicy(QtGui.QSizePolicy.Fixed, QtGui.QSizePolicy.Fixed)

sizePolicy.setHorizontalStretch(0)

sizePolicy.setVerticalStretch(0)

sizePolicy.setHeightForWidth(self.vehicle\_number\_lineEdit.sizePolicy().hasHeightForWidth())

self.vehicle\_number\_lineEdit.setSizePolicy(sizePolicy)

self.vehicle\_number\_lineEdit.setObjectName(\_fromUtf8("vehicle\_number\_lineEdit"))

self.gridLayout.addWidget(self.vehicle\_number\_lineEdit, 9, 2, 1, 1)

self.label\_3 = QtGui.QLabel(Form)

font = QtGui.QFont()

font.setFamily(\_fromUtf8("Arial"))

font.setPointSize(16)

self.label\_3.setFont(font)

self.label\_3.setObjectName(\_fromUtf8("label\_3"))

self.gridLayout.addWidget(self.label\_3, 8, 1, 1, 1)

self.idnumber\_lineEdit = QtGui.QLineEdit(Form)

sizePolicy = QtGui.QSizePolicy(QtGui.QSizePolicy.Fixed, QtGui.QSizePolicy.Fixed)

sizePolicy.setHorizontalStretch(0)

sizePolicy.setVerticalStretch(0)

sizePolicy.setHeightForWidth(self.idnumber\_lineEdit.sizePolicy().hasHeightForWidth())

self.idnumber\_lineEdit.setSizePolicy(sizePolicy)

self.idnumber\_lineEdit.setObjectName(\_fromUtf8("idnumber\_lineEdit"))

self.gridLayout.addWidget(self.idnumber\_lineEdit, 7, 2, 1, 1)

self.label\_5 = QtGui.QLabel(Form)

font = QtGui.QFont()

font.setFamily(\_fromUtf8("Arial"))

font.setPointSize(16)

self.label\_5.setFont(font)

self.label\_5.setObjectName(\_fromUtf8("label\_5"))

self.gridLayout.addWidget(self.label\_5, 10, 1, 1, 1)

self.other\_lineEdit = QtGui.QLineEdit(Form)

sizePolicy = QtGui.QSizePolicy(QtGui.QSizePolicy.Fixed, QtGui.QSizePolicy.Fixed)

sizePolicy.setHorizontalStretch(0)

sizePolicy.setVerticalStretch(0)

sizePolicy.setHeightForWidth(self.other\_lineEdit.sizePolicy().hasHeightForWidth())

self.other\_lineEdit.setSizePolicy(sizePolicy)

self.other\_lineEdit.setStyleSheet(\_fromUtf8(""))

self.other\_lineEdit.setText(\_fromUtf8(""))

self.other\_lineEdit.setObjectName(\_fromUtf8("other\_lineEdit"))

self.gridLayout.addWidget(self.other\_lineEdit, 6, 2, 1, 1)

self.contact\_lineEdit = QtGui.QLineEdit(Form)

sizePolicy = QtGui.QSizePolicy(QtGui.QSizePolicy.Fixed, QtGui.QSizePolicy.Fixed)

sizePolicy.setHorizontalStretch(0)

sizePolicy.setVerticalStretch(0)

sizePolicy.setHeightForWidth(self.contact\_lineEdit.sizePolicy().hasHeightForWidth())

self.contact\_lineEdit.setSizePolicy(sizePolicy)

self.contact\_lineEdit.setMaxLength(10)

self.contact\_lineEdit.setObjectName(\_fromUtf8("contact\_lineEdit"))

self.gridLayout.addWidget(self.contact\_lineEdit, 10, 2, 1, 1)

self.label\_8 = QtGui.QLabel(Form)

font = QtGui.QFont()

font.setFamily(\_fromUtf8("Arial"))

font.setPointSize(16)

self.label\_8.setFont(font)

self.label\_8.setObjectName(\_fromUtf8("label\_8"))

self.gridLayout.addWidget(self.label\_8, 7, 1, 1, 1)

self.label = QtGui.QLabel(Form)

font = QtGui.QFont()

font.setFamily(\_fromUtf8("Arial"))

font.setPointSize(16)

self.label.setFont(font)

self.label.setTextFormat(QtCore.Qt.AutoText)

self.label.setScaledContents(False)

self.label.setWordWrap(False)

self.label.setMargin(0)

self.label.setIndent(0)

self.label.setOpenExternalLinks(False)

self.label.setObjectName(\_fromUtf8("label"))

self.gridLayout.addWidget(self.label, 1, 1, 1, 1)

spacerItem4 = QtGui.QSpacerItem(20, 40, QtGui.QSizePolicy.Minimum, QtGui.QSizePolicy.Expanding)

self.gridLayout.addItem(spacerItem4, 13, 1, 1, 1)

self.label\_10 = QtGui.QLabel(Form)

font = QtGui.QFont()

font.setFamily(\_fromUtf8("Arial"))

font.setPointSize(16)

self.label\_10.setFont(font)

self.label\_10.setObjectName(\_fromUtf8("label\_10"))

self.gridLayout.addWidget(self.label\_10, 11, 1, 1, 1)

self.lineEdit = QtGui.QLineEdit(Form)

sizePolicy = QtGui.QSizePolicy(QtGui.QSizePolicy.Fixed, QtGui.QSizePolicy.Fixed)

sizePolicy.setHorizontalStretch(0)

sizePolicy.setVerticalStretch(0)

sizePolicy.setHeightForWidth(self.lineEdit.sizePolicy().hasHeightForWidth())

self.lineEdit.setSizePolicy(sizePolicy)

self.lineEdit.setObjectName(\_fromUtf8("lineEdit"))

self.gridLayout.addWidget(self.lineEdit, 11, 2, 1, 1)

self.horizontalLayout\_3 = QtGui.QHBoxLayout()

self.horizontalLayout\_3.setContentsMargins(0, 0, -1, -1)

self.horizontalLayout\_3.setObjectName(\_fromUtf8("horizontalLayout\_3"))

spacerItem5 = QtGui.QSpacerItem(40, 20, QtGui.QSizePolicy.Expanding, QtGui.QSizePolicy.Minimum)

self.horizontalLayout\_3.addItem(spacerItem5)

self.ok\_btn = QtGui.QPushButton(Form)

font = QtGui.QFont()

font.setPointSize(-1)

self.ok\_btn.setFont(font)

self.ok\_btn.setObjectName(\_fromUtf8("ok\_btn"))

self.horizontalLayout\_3.addWidget(self.ok\_btn)

self.cancel\_btn = QtGui.QPushButton(Form)

self.cancel\_btn.setEnabled(True)

font = QtGui.QFont()

font.setPointSize(-1)

self.cancel\_btn.setFont(font)

self.cancel\_btn.setObjectName(\_fromUtf8("cancel\_btn"))

self.horizontalLayout\_3.addWidget(self.cancel\_btn)

spacerItem6 = QtGui.QSpacerItem(40, 20, QtGui.QSizePolicy.Expanding, QtGui.QSizePolicy.Minimum)

self.horizontalLayout\_3.addItem(spacerItem6)

self.gridLayout.addLayout(self.horizontalLayout\_3, 12, 1, 1, 2)

spacerItem7 = QtGui.QSpacerItem(40, 20, QtGui.QSizePolicy.Expanding, QtGui.QSizePolicy.Minimum)

self.gridLayout.addItem(spacerItem7, 4, 0, 1, 1)

spacerItem8 = QtGui.QSpacerItem(40, 20, QtGui.QSizePolicy.Expanding, QtGui.QSizePolicy.Minimum)

self.gridLayout.addItem(spacerItem8, 6, 3, 1, 1)

self.horizontalLayout\_2 = QtGui.QHBoxLayout()

self.horizontalLayout\_2.setObjectName(\_fromUtf8("horizontalLayout\_2"))

self.female\_rbtn = QtGui.QRadioButton(Form)

font = QtGui.QFont()

font.setPointSize(12)

self.female\_rbtn.setFont(font)

self.female\_rbtn.setObjectName(\_fromUtf8("female\_rbtn"))

self.buttonGroup = QtGui.QButtonGroup(Form)

self.buttonGroup.setObjectName(\_fromUtf8("buttonGroup"))

self.buttonGroup.addButton(self.female\_rbtn)

self.horizontalLayout\_2.addWidget(self.female\_rbtn)

self.male\_rbtn = QtGui.QRadioButton(Form)

font = QtGui.QFont()

font.setPointSize(12)

self.male\_rbtn.setFont(font)

self.male\_rbtn.setObjectName(\_fromUtf8("male\_rbtn"))

self.buttonGroup.addButton(self.male\_rbtn)

self.horizontalLayout\_2.addWidget(self.male\_rbtn)

self.other\_sex\_rbtn = QtGui.QRadioButton(Form)

font = QtGui.QFont()

font.setPointSize(12)

self.other\_sex\_rbtn.setFont(font)

self.other\_sex\_rbtn.setObjectName(\_fromUtf8("other\_sex\_rbtn"))

self.buttonGroup.addButton(self.other\_sex\_rbtn)

self.horizontalLayout\_2.addWidget(self.other\_sex\_rbtn)

self.gridLayout.addLayout(self.horizontalLayout\_2, 3, 2, 1, 1)

self.verticalLayout.addLayout(self.gridLayout)

self.retranslateUi(Form)

QtCore.QObject.connect(self.cancel\_btn, QtCore.SIGNAL(\_fromUtf8("clicked()")), self.cancel\_clicked)

QtCore.QObject.connect(self.std\_id\_rbtn, QtCore.SIGNAL(\_fromUtf8("clicked()")), self.label\_7.hide)

QtCore.QObject.connect(self.other\_id\_rbtn, QtCore.SIGNAL(\_fromUtf8("clicked()")), self.label\_7.show)

QtCore.QObject.connect(self.staff\_id\_rbtn, QtCore.SIGNAL(\_fromUtf8("clicked()")), self.other\_lineEdit.hide)

QtCore.QObject.connect(self.std\_id\_rbtn, QtCore.SIGNAL(\_fromUtf8("clicked()")), self.other\_lineEdit.hide)

QtCore.QObject.connect(self.other\_id\_rbtn, QtCore.SIGNAL(\_fromUtf8("clicked()")), self.other\_lineEdit.show)

QtCore.QObject.connect(self.staff\_id\_rbtn, QtCore.SIGNAL(\_fromUtf8("clicked()")), self.label\_7.hide)

QtCore.QObject.connect(self.ok\_btn, QtCore.SIGNAL(\_fromUtf8("clicked()")), self.ok\_clicked)

QtCore.QObject.connect(self.std\_id\_rbtn, QtCore.SIGNAL(\_fromUtf8("toggled(bool)")), self.set\_id\_flag1)

QtCore.QObject.connect(self.staff\_id\_rbtn, QtCore.SIGNAL(\_fromUtf8("toggled(bool)")), self.set\_id\_flag2)

QtCore.QObject.connect(self.other\_id\_rbtn, QtCore.SIGNAL(\_fromUtf8("toggled(bool)")), self.set\_id\_flag3)

QtCore.QObject.connect(self.male\_rbtn, QtCore.SIGNAL(\_fromUtf8("toggled(bool)")), self.set\_sex\_flag1)

QtCore.QObject.connect(self.female\_rbtn, QtCore.SIGNAL(\_fromUtf8("toggled(bool)")), self.set\_sex\_flag2)

QtCore.QObject.connect(self.other\_sex\_rbtn, QtCore.SIGNAL(\_fromUtf8("toggled(bool)")), self.set\_sex\_flag3)

QtCore.QObject.connect(self.vehicletype\_comboBox,QtCore.SIGNAL(\_fromUtf8("currentIndexChanged(QString)")), self.set\_vtype)

QtCore.QMetaObject.connectSlotsByName(Form)

def cancel\_clicked(self):

self.o=options.Ui\_Options\_form()

self.o.show()

self.close()

def set\_vtype(self):

self.vehicle\_type=self.vehicletype\_comboBox.currentText()

def set\_sex\_flag1(self):

self.flag\_sex=1

def set\_sex\_flag2(self):

self.flag\_sex=2

def set\_sex\_flag3(self):

self.flag\_sex=3

def set\_id\_flag1(self):

self.flag\_id=1

def set\_id\_flag2(self):

self.flag\_id=2

def set\_id\_flag3(self):

self.flag\_id=3

def ok\_clicked(self):

self.fname=self.Fname\_lineEdit.text()

self.sex='NA'

self.id\_type='NA'

if self.flag\_sex==3:

self.sex='other'

elif self.flag\_sex==2:

self.sex='female'

elif self.flag\_sex==1:

self.sex='male'

else:

QtGui.QMessageBox.warning(self, 'Guess What?', 'Sex Missing!')

if not self.fname:

QtGui.QMessageBox.warning(self, 'Guess What?', 'First Name Missing!')

self.lname=self.Lname\_lineEdit.text()

if not self.lname:

QtGui.QMessageBox.warning(self, 'Guess What?', 'Last Name Missing!')

self.address=self.adddress\_lineEdit.text()

if not self.address:

QtGui.QMessageBox.warning(self, 'Guess What?', 'Address Missing!')

if self.flag\_id==3:

self.id\_type=self.other\_lineEdit.text()

elif self.flag\_id==2:

self.id\_type='Staff Id'

elif self.flag\_id==1:

self.id\_type='Student Id'

else:

QtGui.QMessageBox.warning(self, 'Guess What?', 'Id type Missing!')

self.id\_no=self.idnumber\_lineEdit.text()

if not self.id\_no:

QtGui.QMessageBox.warning(self, 'Guess What?', 'Id Number Missing!')

self.mobile\_no=self.contact\_lineEdit.text()

self.landline=self.lineEdit.text()

self.vehicle\_no=self.vehicle\_number\_lineEdit.text()

if not self.vehicle\_no:

QtGui.QMessageBox.warning(self, 'Guess What?', 'Vehicle number Missing!')

#self.vehicle\_type=self.vehicletype\_comboBox.text()

if not self.vehicle\_type:

QtGui.QMessageBox.warning(self, 'Guess What?', 'vehicle type Missing!')

dbu=DB\_manager.DatabaseUtility('icpms','person','vehicle','purpose')

dbu.AddEntryToTable1(self.id\_no,self.id\_type,self.fname,self.lname,self.sex,self.address,self.mobile\_no,self.landline)

if self.vehicle\_type != 'Pedestrian':

dbu.AddEntryToTable2(self.id\_no,self.vehicle\_no,self.vehicle\_type)

if self.flag\_id==3:

self.d=dbu.date1

self.t=dbu.time

self.p=purpose.Ui\_Form(self.id\_no,self.d,self.t)

self.p.show()

self.close()

def retranslateUi(self, Form):

Form.setWindowTitle(\_translate("Form", "Form", None))

self.Lname\_lineEdit.setPlaceholderText(\_translate("Form", " Last Name", None))

self.label\_6.setText(\_translate("Form", "Sex", None))

self.label\_9.setText(\_translate("Form", "Address", None))

self.label\_2.setText(\_translate("Form", "ID Type", None))

self.std\_id\_rbtn.setText(\_translate("Form", "Student ID", None))

self.staff\_id\_rbtn.setText(\_translate("Form", "Staff Id", None))

self.other\_id\_rbtn.setText(\_translate("Form", "Other", None))

self.Fname\_lineEdit.setPlaceholderText(\_translate("Form", " First Name", None))

self.vehicletype\_comboBox.setItemText(0, \_translate("Form", "--SELECT--", None))

self.vehicletype\_comboBox.setItemText(1, \_translate("Form", "Pedestrian", None))

self.vehicletype\_comboBox.setItemText(2, \_translate("Form", "Motorcylcle", None))

self.vehicletype\_comboBox.setItemText(3, \_translate("Form", "Scooter", None))

self.vehicletype\_comboBox.setItemText(4, \_translate("Form", "Car", None))

self.vehicletype\_comboBox.setItemText(5, \_translate("Form", "Truck", None))

self.vehicletype\_comboBox.setItemText(6, \_translate("Form", "Rikshaw", None))

self.vehicletype\_comboBox.setItemText(7, \_translate("Form", "Van", None))

self.vehicletype\_comboBox.setItemText(8, \_translate("Form", "Tractor", None))

self.vehicletype\_comboBox.setItemText(9, \_translate("Form", "Bus", None))

self.label\_7.setText(\_translate("Form", "In case of other, please specify:", None))

self.label\_4.setText(\_translate("Form", "Vehicle Number", None))

self.label\_3.setText(\_translate("Form", "Vehicle Type", None))

self.label\_5.setText(\_translate("Form", "Mobile No.", None))

self.contact\_lineEdit.setPlaceholderText(\_translate("Form", "max. 10 digits are allowed", None))

self.label\_8.setText(\_translate("Form", "ID Number", None))

self.label.setText(\_translate("Form", "Name", None))

self.label\_10.setText(\_translate("Form", "Landline No.", None))

self.ok\_btn.setText(\_translate("Form", "OK", None))

self.cancel\_btn.setText(\_translate("Form", "BACK", None))

self.female\_rbtn.setText(\_translate("Form", "Female", None))

self.male\_rbtn.setText(\_translate("Form", "Male", None))

self.other\_sex\_rbtn.setText(\_translate("Form", "Other", None))

if \_\_name\_\_ == "\_\_main\_\_":

import sys

app = QtGui.QApplication(sys.argv)

Form = QtGui.QWidget()

ui = Ui\_Form()

ui.setupUi(Form)

Form.show()

sys.exit(app.exec\_())

Module-5(Purpose):

# -\*- coding: utf-8 -\*-

# Form implementation generated from reading ui file 'purpose.ui'

#

# Created: Fri Apr 10 16:13:41 2015

# by: PyQt4 UI code generator 4.11.3

#

# WARNING! All changes made in this file will be lost!

import DB\_manager

from PyQt4 import QtCore, QtGui

try:

\_fromUtf8 = QtCore.QString.fromUtf8

except AttributeError:

def \_fromUtf8(s):

return s

try:

\_encoding = QtGui.QApplication.UnicodeUTF8

def \_translate(context, text, disambig):

return QtGui.QApplication.translate(context, text, disambig, \_encoding)

except AttributeError:

def \_translate(context, text, disambig):

return QtGui.QApplication.translate(context, text, disambig)

class Ui\_Form(QtGui.QWidget):

def \_\_init\_\_(self,id\_no,date1,time):

QtGui.QWidget.\_\_init\_\_(self)

self.setupUi(self)

self.id\_no=id\_no

self.date1=date1

self.time=time

def setupUi(self, Form):

Form.setObjectName(\_fromUtf8("Form"))

Form.resize(397, 311)

palette = QtGui.QPalette()

brush = QtGui.QBrush(QtGui.QColor(255, 255, 255))

brush.setStyle(QtCore.Qt.SolidPattern)

palette.setBrush(QtGui.QPalette.Active, QtGui.QPalette.Base, brush)

brush = QtGui.QBrush(QtGui.QColor(170, 85, 255))

brush.setStyle(QtCore.Qt.SolidPattern)

palette.setBrush(QtGui.QPalette.Active, QtGui.QPalette.Window, brush)

brush = QtGui.QBrush(QtGui.QColor(255, 255, 255))

brush.setStyle(QtCore.Qt.SolidPattern)

palette.setBrush(QtGui.QPalette.Inactive, QtGui.QPalette.Base, brush)

brush = QtGui.QBrush(QtGui.QColor(170, 85, 255))

brush.setStyle(QtCore.Qt.SolidPattern)

palette.setBrush(QtGui.QPalette.Inactive, QtGui.QPalette.Window, brush)

brush = QtGui.QBrush(QtGui.QColor(170, 85, 255))

brush.setStyle(QtCore.Qt.SolidPattern)

palette.setBrush(QtGui.QPalette.Disabled, QtGui.QPalette.Base, brush)

brush = QtGui.QBrush(QtGui.QColor(170, 85, 255))

brush.setStyle(QtCore.Qt.SolidPattern)

palette.setBrush(QtGui.QPalette.Disabled, QtGui.QPalette.Window, brush)

Form.setPalette(palette)

font = QtGui.QFont()

font.setPointSize(12)

Form.setFont(font)

self.widget = QtGui.QWidget(Form)

self.widget.setGeometry(QtCore.QRect(10, 10, 379, 271))

self.widget.setObjectName(\_fromUtf8("widget"))

self.formLayout = QtGui.QFormLayout(self.widget)

self.formLayout.setFieldGrowthPolicy(QtGui.QFormLayout.AllNonFixedFieldsGrow)

self.formLayout.setMargin(0)

self.formLayout.setObjectName(\_fromUtf8("formLayout"))

spacerItem = QtGui.QSpacerItem(377, 31, QtGui.QSizePolicy.Minimum, QtGui.QSizePolicy.Expanding)

self.formLayout.setItem(0, QtGui.QFormLayout.SpanningRole, spacerItem)

self.label\_4 = QtGui.QLabel(self.widget)

font = QtGui.QFont()

font.setFamily(\_fromUtf8("NEOTERIQUE"))

font.setPointSize(22)

self.label\_4.setFont(font)

self.label\_4.setAlignment(QtCore.Qt.AlignCenter)

self.label\_4.setObjectName(\_fromUtf8("label\_4"))

self.formLayout.setWidget(1, QtGui.QFormLayout.SpanningRole, self.label\_4)

spacerItem1 = QtGui.QSpacerItem(377, 31, QtGui.QSizePolicy.Minimum, QtGui.QSizePolicy.Expanding)

self.formLayout.setItem(2, QtGui.QFormLayout.SpanningRole, spacerItem1)

self.label = QtGui.QLabel(self.widget)

font = QtGui.QFont()

font.setPointSize(12)

self.label.setFont(font)

self.label.setObjectName(\_fromUtf8("label"))

self.formLayout.setWidget(3, QtGui.QFormLayout.LabelRole, self.label)

self.lineEdit = QtGui.QLineEdit(self.widget)

self.lineEdit.setObjectName(\_fromUtf8("lineEdit"))

self.formLayout.setWidget(3, QtGui.QFormLayout.FieldRole, self.lineEdit)

self.label\_3 = QtGui.QLabel(self.widget)

font = QtGui.QFont()

font.setPointSize(12)

self.label\_3.setFont(font)

self.label\_3.setObjectName(\_fromUtf8("label\_3"))

self.formLayout.setWidget(4, QtGui.QFormLayout.LabelRole, self.label\_3)

self.lineEdit\_2 = QtGui.QLineEdit(self.widget)

self.lineEdit\_2.setObjectName(\_fromUtf8("lineEdit\_2"))

self.formLayout.setWidget(4, QtGui.QFormLayout.FieldRole, self.lineEdit\_2)

self.label\_2 = QtGui.QLabel(self.widget)

self.label\_2.setObjectName(\_fromUtf8("label\_2"))

self.formLayout.setWidget(5, QtGui.QFormLayout.LabelRole, self.label\_2)

self.lineEdit\_3 = QtGui.QLineEdit(self.widget)

self.lineEdit\_3.setObjectName(\_fromUtf8("lineEdit\_3"))

self.formLayout.setWidget(5, QtGui.QFormLayout.FieldRole, self.lineEdit\_3)

spacerItem2 = QtGui.QSpacerItem(260, 31, QtGui.QSizePolicy.Minimum, QtGui.QSizePolicy.Expanding)

self.formLayout.setItem(6, QtGui.QFormLayout.FieldRole, spacerItem2)

self.horizontalLayout = QtGui.QHBoxLayout()

self.horizontalLayout.setContentsMargins(-1, 10, -1, -1)

self.horizontalLayout.setObjectName(\_fromUtf8("horizontalLayout"))

spacerItem3 = QtGui.QSpacerItem(40, 20, QtGui.QSizePolicy.Expanding, QtGui.QSizePolicy.Minimum)

self.horizontalLayout.addItem(spacerItem3)

self.pushButton = QtGui.QPushButton(self.widget)

sizePolicy = QtGui.QSizePolicy(QtGui.QSizePolicy.Fixed, QtGui.QSizePolicy.Fixed)

sizePolicy.setHorizontalStretch(0)

sizePolicy.setVerticalStretch(0)

sizePolicy.setHeightForWidth(self.pushButton.sizePolicy().hasHeightForWidth())

self.pushButton.setSizePolicy(sizePolicy)

font = QtGui.QFont()

font.setFamily(\_fromUtf8("ZOMBIFIED"))

font.setPointSize(14)

self.pushButton.setFont(font)

self.pushButton.setObjectName(\_fromUtf8("pushButton"))

self.horizontalLayout.addWidget(self.pushButton)

spacerItem4 = QtGui.QSpacerItem(40, 20, QtGui.QSizePolicy.Expanding, QtGui.QSizePolicy.Minimum)

self.horizontalLayout.addItem(spacerItem4)

self.formLayout.setLayout(7, QtGui.QFormLayout.SpanningRole, self.horizontalLayout)

self.retranslateUi(Form)

QtCore.QObject.connect(self.pushButton,QtCore.SIGNAL(\_fromUtf8("clicked()")),self.ok\_btn\_clicked)

QtCore.QMetaObject.connectSlotsByName(Form)

def ok\_btn\_clicked(self):

#self.de=data\_entry.Ui\_Form()

self.dbu=DB\_manager.DatabaseUtility('icpms','person','vehicle','purpose')

self.whom\_to\_visit=self.lineEdit.text()

self.relationship=self.lineEdit\_2.text()

self.purpose\_of\_visit=self.lineEdit\_3.text()

#print self.id\_no,self.whom\_to\_visit,self.relationship,self.purpose\_of\_visit

self.dbu.AddEntryToTable3(self.id\_no,self.date1,self.time,self.whom\_to\_visit,self.relationship,self.purpose\_of\_visit)

self.close()

def retranslateUi(self, Form):

Form.setWindowTitle(\_translate("Form", "ICPMS", None))

self.label\_4.setText(\_translate("Form", "Purpose", None))

self.label.setText(\_translate("Form", "Whom to visit?", None))

self.label\_3.setText(\_translate("Form", "Relationship", None))

self.label\_2.setText(\_translate("Form", "Purpose of visit", None))

self.pushButton.setText(\_translate("Form", "OK", None))

if \_\_name\_\_ == "\_\_main\_\_":

import sys

app = QtGui.QApplication(sys.argv)

Form = QtGui.QWidget()

ui = Ui\_Form(125,'2015-04-11','00:23:13')

ui.setupUi(Form)

Form.show()

sys.exit(app.exec\_())

Module-6(Queries):

# -\*- coding: utf-8 -\*-

# Form implementation generated from reading ui file 'queries.ui'

#

# Created: Mon Apr 13 23:42:06 2015

# by: PyQt4 UI code generator 4.11.3

#

# WARNING! All changes made in this file will be lost!

import search\_by\_name,search\_by\_address,data\_retreived

import DB\_manager,options,search\_by\_id

from PyQt4 import QtCore, QtGui

try:

\_fromUtf8 = QtCore.QString.fromUtf8

except AttributeError:

def \_fromUtf8(s):

return s

try:

\_encoding = QtGui.QApplication.UnicodeUTF8

def \_translate(context, text, disambig):

return QtGui.QApplication.translate(context, text, disambig, \_encoding)

except AttributeError:

def \_translate(context, text, disambig):

return QtGui.QApplication.translate(context, text, disambig)

class Ui\_queries(QtGui.QWidget):

def \_\_init\_\_(self):

QtGui.QWidget.\_\_init\_\_(self)

self.setupUi(self)

def setupUi(self, queries):

queries.setObjectName(\_fromUtf8("queries"))

queries.resize(859, 603)

sizePolicy = QtGui.QSizePolicy(QtGui.QSizePolicy.Preferred, QtGui.QSizePolicy.Preferred)

sizePolicy.setHorizontalStretch(0)

sizePolicy.setVerticalStretch(0)

sizePolicy.setHeightForWidth(queries.sizePolicy().hasHeightForWidth())

queries.setSizePolicy(sizePolicy)

palette = QtGui.QPalette()

brush = QtGui.QBrush(QtGui.QColor(0, 0, 0))

brush.setStyle(QtCore.Qt.SolidPattern)

palette.setBrush(QtGui.QPalette.Active, QtGui.QPalette.WindowText, brush)

brush = QtGui.QBrush(QtGui.QColor(255, 255, 255))

brush.setStyle(QtCore.Qt.SolidPattern)

palette.setBrush(QtGui.QPalette.Active, QtGui.QPalette.Button, brush)

brush = QtGui.QBrush(QtGui.QColor(0, 0, 0))

brush.setStyle(QtCore.Qt.SolidPattern)

palette.setBrush(QtGui.QPalette.Active, QtGui.QPalette.Text, brush)

brush = QtGui.QBrush(QtGui.QColor(255, 255, 255))

brush.setStyle(QtCore.Qt.SolidPattern)

palette.setBrush(QtGui.QPalette.Active, QtGui.QPalette.Base, brush)

brush = QtGui.QBrush(QtGui.QColor(255, 255, 255))

brush.setStyle(QtCore.Qt.SolidPattern)

palette.setBrush(QtGui.QPalette.Active, QtGui.QPalette.Window, brush)

brush = QtGui.QBrush(QtGui.QColor(0, 0, 0))

brush.setStyle(QtCore.Qt.SolidPattern)

palette.setBrush(QtGui.QPalette.Inactive, QtGui.QPalette.WindowText, brush)

brush = QtGui.QBrush(QtGui.QColor(255, 255, 255))

brush.setStyle(QtCore.Qt.SolidPattern)

palette.setBrush(QtGui.QPalette.Inactive, QtGui.QPalette.Button, brush)

brush = QtGui.QBrush(QtGui.QColor(0, 0, 0))

brush.setStyle(QtCore.Qt.SolidPattern)

palette.setBrush(QtGui.QPalette.Inactive, QtGui.QPalette.Text, brush)

brush = QtGui.QBrush(QtGui.QColor(255, 255, 255))

brush.setStyle(QtCore.Qt.SolidPattern)

palette.setBrush(QtGui.QPalette.Inactive, QtGui.QPalette.Base, brush)

brush = QtGui.QBrush(QtGui.QColor(255, 255, 255))

brush.setStyle(QtCore.Qt.SolidPattern)

palette.setBrush(QtGui.QPalette.Inactive, QtGui.QPalette.Window, brush)

brush = QtGui.QBrush(QtGui.QColor(120, 120, 120))

brush.setStyle(QtCore.Qt.SolidPattern)

palette.setBrush(QtGui.QPalette.Disabled, QtGui.QPalette.WindowText, brush)

brush = QtGui.QBrush(QtGui.QColor(255, 255, 255))

brush.setStyle(QtCore.Qt.SolidPattern)

palette.setBrush(QtGui.QPalette.Disabled, QtGui.QPalette.Button, brush)

brush = QtGui.QBrush(QtGui.QColor(120, 120, 120))

brush.setStyle(QtCore.Qt.SolidPattern)

palette.setBrush(QtGui.QPalette.Disabled, QtGui.QPalette.Text, brush)

brush = QtGui.QBrush(QtGui.QColor(255, 255, 255))

brush.setStyle(QtCore.Qt.SolidPattern)

palette.setBrush(QtGui.QPalette.Disabled, QtGui.QPalette.Base, brush)

brush = QtGui.QBrush(QtGui.QColor(255, 255, 255))

brush.setStyle(QtCore.Qt.SolidPattern)

palette.setBrush(QtGui.QPalette.Disabled, QtGui.QPalette.Window, brush)

queries.setPalette(palette)

font = QtGui.QFont()

font.setFamily(\_fromUtf8("Arial"))

font.setPointSize(30)

font.setBold(False)

font.setWeight(50)

queries.setFont(font)

queries.setStyleSheet(\_fromUtf8("#queries{\n"

"background-image: url(C:/Python27/ICPMS/your-queries.jpg);\n"

"background-repeat: no-repeat;\n"

"background-position: top right;\n"

"background-size: 250px 250px;\n"

"background-color:white;\n"

"}\n"

"QPushButton {\n"

"color: white;\n"

"background-color: QLinearGradient( x1: 0, y1: 0, x2: 0, y2: 1, stop: 0 #88d, stop: 0.1 #99e, stop: 0.49 #77c, stop: 0.5 #66b, stop: 1 #77c);\n"

"border-width: 1px;\n"

"border-color: #339;\n"

"border-style: solid;\n"

"border-radius: 7;\n"

"padding: 3px;\n"

"font-size: 20px;\n"

"padding-left: 5px;\n"

"padding-right: 5px;\n"

"min-width: 50px;\n"

"max-width: 50px;\n"

"min-height: 18px;\n"

"max-height: 20px;\n"

"}\n"

""))

self.verticalLayout\_2 = QtGui.QVBoxLayout(queries)

self.verticalLayout\_2.setObjectName(\_fromUtf8("verticalLayout\_2"))

self.verticalLayout = QtGui.QVBoxLayout()

self.verticalLayout.setObjectName(\_fromUtf8("verticalLayout"))

self.label\_17 = QtGui.QLabel(queries)

font = QtGui.QFont()

font.setFamily(\_fromUtf8("NEOTERIQUE"))

font.setPointSize(20)

self.label\_17.setFont(font)

self.label\_17.setAlignment(QtCore.Qt.AlignCenter)

self.label\_17.setObjectName(\_fromUtf8("label\_17"))

self.verticalLayout.addWidget(self.label\_17)

self.label\_5 = QtGui.QLabel(queries)

self.label\_5.setStyleSheet(\_fromUtf8("font-size:18px"))

self.label\_5.setObjectName(\_fromUtf8("label\_5"))

self.verticalLayout.addWidget(self.label\_5)

self.label\_6 = QtGui.QLabel(queries)

self.label\_6.setStyleSheet(\_fromUtf8("font-size:18px"))

self.label\_6.setObjectName(\_fromUtf8("label\_6"))

self.verticalLayout.addWidget(self.label\_6)

self.label\_3 = QtGui.QLabel(queries)

self.label\_3.setStyleSheet(\_fromUtf8("font-size:18px"))

self.label\_3.setObjectName(\_fromUtf8("label\_3"))

self.verticalLayout.addWidget(self.label\_3)

self.label = QtGui.QLabel(queries)

palette = QtGui.QPalette()

brush = QtGui.QBrush(QtGui.QColor(255, 251, 246))

brush.setStyle(QtCore.Qt.SolidPattern)

palette.setBrush(QtGui.QPalette.Active, QtGui.QPalette.Midlight, brush)

brush = QtGui.QBrush(QtGui.QColor(255, 0, 0))

brush.setStyle(QtCore.Qt.SolidPattern)

palette.setBrush(QtGui.QPalette.Active, QtGui.QPalette.AlternateBase, brush)

brush = QtGui.QBrush(QtGui.QColor(255, 251, 246))

brush.setStyle(QtCore.Qt.SolidPattern)

palette.setBrush(QtGui.QPalette.Inactive, QtGui.QPalette.Midlight, brush)

brush = QtGui.QBrush(QtGui.QColor(255, 0, 0))

brush.setStyle(QtCore.Qt.SolidPattern)

palette.setBrush(QtGui.QPalette.Inactive, QtGui.QPalette.AlternateBase, brush)

brush = QtGui.QBrush(QtGui.QColor(255, 251, 246))

brush.setStyle(QtCore.Qt.SolidPattern)

palette.setBrush(QtGui.QPalette.Disabled, QtGui.QPalette.Midlight, brush)

brush = QtGui.QBrush(QtGui.QColor(255, 0, 0))

brush.setStyle(QtCore.Qt.SolidPattern)

palette.setBrush(QtGui.QPalette.Disabled, QtGui.QPalette.AlternateBase, brush)

self.label.setPalette(palette)

self.label.setStyleSheet(\_fromUtf8("font-size:18px"))

self.label.setObjectName(\_fromUtf8("label"))

self.verticalLayout.addWidget(self.label)

self.label\_4 = QtGui.QLabel(queries)

self.label\_4.setStyleSheet(\_fromUtf8("font-size:18px"))

self.label\_4.setObjectName(\_fromUtf8("label\_4"))

self.verticalLayout.addWidget(self.label\_4)

self.label\_7 = QtGui.QLabel(queries)

self.label\_7.setStyleSheet(\_fromUtf8("font-size:18px"))

self.label\_7.setObjectName(\_fromUtf8("label\_7"))

self.verticalLayout.addWidget(self.label\_7)

self.label\_8 = QtGui.QLabel(queries)

self.label\_8.setStyleSheet(\_fromUtf8("font-size:18px"))

self.label\_8.setObjectName(\_fromUtf8("label\_8"))

self.verticalLayout.addWidget(self.label\_8)

self.label\_9 = QtGui.QLabel(queries)

self.label\_9.setStyleSheet(\_fromUtf8("font-size:18px"))

self.label\_9.setObjectName(\_fromUtf8("label\_9"))

self.verticalLayout.addWidget(self.label\_9)

self.label\_2 = QtGui.QLabel(queries)

self.label\_2.setStyleSheet(\_fromUtf8("font-size:18px"))

self.label\_2.setObjectName(\_fromUtf8("label\_2"))

self.verticalLayout.addWidget(self.label\_2)

self.label\_10 = QtGui.QLabel(queries)

self.label\_10.setStyleSheet(\_fromUtf8("font-size:18px"))

self.label\_10.setObjectName(\_fromUtf8("label\_10"))

self.verticalLayout.addWidget(self.label\_10)

self.label\_11 = QtGui.QLabel(queries)

palette = QtGui.QPalette()

brush = QtGui.QBrush(QtGui.QColor(255, 170, 127))

brush.setStyle(QtCore.Qt.SolidPattern)

palette.setBrush(QtGui.QPalette.Active, QtGui.QPalette.Button, brush)

brush = QtGui.QBrush(QtGui.QColor(255, 255, 255))

brush.setStyle(QtCore.Qt.SolidPattern)

palette.setBrush(QtGui.QPalette.Active, QtGui.QPalette.Base, brush)

brush = QtGui.QBrush(QtGui.QColor(170, 85, 255))

brush.setStyle(QtCore.Qt.SolidPattern)

palette.setBrush(QtGui.QPalette.Active, QtGui.QPalette.Window, brush)

brush = QtGui.QBrush(QtGui.QColor(255, 170, 127))

brush.setStyle(QtCore.Qt.SolidPattern)

palette.setBrush(QtGui.QPalette.Inactive, QtGui.QPalette.Button, brush)

brush = QtGui.QBrush(QtGui.QColor(255, 255, 255))

brush.setStyle(QtCore.Qt.SolidPattern)

palette.setBrush(QtGui.QPalette.Inactive, QtGui.QPalette.Base, brush)

brush = QtGui.QBrush(QtGui.QColor(170, 85, 255))

brush.setStyle(QtCore.Qt.SolidPattern)

palette.setBrush(QtGui.QPalette.Inactive, QtGui.QPalette.Window, brush)

brush = QtGui.QBrush(QtGui.QColor(255, 170, 127))

brush.setStyle(QtCore.Qt.SolidPattern)

palette.setBrush(QtGui.QPalette.Disabled, QtGui.QPalette.Button, brush)

brush = QtGui.QBrush(QtGui.QColor(170, 85, 255))

brush.setStyle(QtCore.Qt.SolidPattern)

palette.setBrush(QtGui.QPalette.Disabled, QtGui.QPalette.Base, brush)

brush = QtGui.QBrush(QtGui.QColor(170, 85, 255))

brush.setStyle(QtCore.Qt.SolidPattern)

palette.setBrush(QtGui.QPalette.Disabled, QtGui.QPalette.Window, brush)

self.label\_11.setPalette(palette)

self.label\_11.setStyleSheet(\_fromUtf8("font-size:18px"))

self.label\_11.setObjectName(\_fromUtf8("label\_11"))

self.verticalLayout.addWidget(self.label\_11)

self.label\_12 = QtGui.QLabel(queries)

self.label\_12.setStyleSheet(\_fromUtf8("font-size:18px"))

self.label\_12.setObjectName(\_fromUtf8("label\_12"))

self.verticalLayout.addWidget(self.label\_12)

self.label\_13 = QtGui.QLabel(queries)

self.label\_13.setStyleSheet(\_fromUtf8("font-size:18px"))

self.label\_13.setObjectName(\_fromUtf8("label\_13"))

self.verticalLayout.addWidget(self.label\_13)

self.horizontalLayout\_3 = QtGui.QHBoxLayout()

self.horizontalLayout\_3.setObjectName(\_fromUtf8("horizontalLayout\_3"))

self.ente\_choice\_lbl = QtGui.QLabel(queries)

font = QtGui.QFont()

font.setFamily(\_fromUtf8("ZOMBIFIED"))

font.setPointSize(20)

font.setBold(False)

font.setWeight(50)

self.ente\_choice\_lbl.setFont(font)

self.ente\_choice\_lbl.setObjectName(\_fromUtf8("ente\_choice\_lbl"))

self.horizontalLayout\_3.addWidget(self.ente\_choice\_lbl)

self.choice\_lineEdit = QtGui.QLineEdit(queries)

font = QtGui.QFont()

font.setPointSize(-1)

self.choice\_lineEdit.setFont(font)

self.choice\_lineEdit.setStyleSheet(\_fromUtf8("font-size:18px"))

self.choice\_lineEdit.setObjectName(\_fromUtf8("choice\_lineEdit"))

self.horizontalLayout\_3.addWidget(self.choice\_lineEdit)

spacerItem = QtGui.QSpacerItem(40, 20, QtGui.QSizePolicy.Expanding, QtGui.QSizePolicy.Minimum)

self.horizontalLayout\_3.addItem(spacerItem)

self.label\_14 = QtGui.QLabel(queries)

font = QtGui.QFont()

font.setPointSize(-1)

self.label\_14.setFont(font)

self.label\_14.setStyleSheet(\_fromUtf8("font-size:18px"))

self.label\_14.setObjectName(\_fromUtf8("label\_14"))

self.horizontalLayout\_3.addWidget(self.label\_14)

self.dateEdit = QtGui.QDateEdit(queries)

font = QtGui.QFont()

font.setPointSize(-1)

self.dateEdit.setFont(font)

self.dateEdit.setStyleSheet(\_fromUtf8("font-size:18px"))

self.dateEdit.setObjectName(\_fromUtf8("dateEdit"))

self.horizontalLayout\_3.addWidget(self.dateEdit)

self.verticalLayout.addLayout(self.horizontalLayout\_3)

self.horizontalLayout\_2 = QtGui.QHBoxLayout()

self.horizontalLayout\_2.setObjectName(\_fromUtf8("horizontalLayout\_2"))

self.verticalLayout.addLayout(self.horizontalLayout\_2)

self.horizontalLayout = QtGui.QHBoxLayout()

self.horizontalLayout.setObjectName(\_fromUtf8("horizontalLayout"))

spacerItem1 = QtGui.QSpacerItem(40, 20, QtGui.QSizePolicy.Expanding, QtGui.QSizePolicy.Minimum)

self.horizontalLayout.addItem(spacerItem1)

self.ok\_btn = QtGui.QPushButton(queries)

sizePolicy = QtGui.QSizePolicy(QtGui.QSizePolicy.Expanding, QtGui.QSizePolicy.Fixed)

sizePolicy.setHorizontalStretch(0)

sizePolicy.setVerticalStretch(0)

sizePolicy.setHeightForWidth(self.ok\_btn.sizePolicy().hasHeightForWidth())

self.ok\_btn.setSizePolicy(sizePolicy)

palette = QtGui.QPalette()

brush = QtGui.QBrush(QtGui.QColor(255, 255, 255))

brush.setStyle(QtCore.Qt.SolidPattern)

palette.setBrush(QtGui.QPalette.Active, QtGui.QPalette.WindowText, brush)

gradient = QtGui.QLinearGradient(0.0, 0.0, 0.0, 1.0)

gradient.setSpread(QtGui.QGradient.PadSpread)

gradient.setCoordinateMode(QtGui.QGradient.ObjectBoundingMode)

gradient.setColorAt(0.0, QtGui.QColor(136, 136, 221))

gradient.setColorAt(0.1, QtGui.QColor(153, 153, 238))

gradient.setColorAt(0.49, QtGui.QColor(119, 119, 204))

gradient.setColorAt(0.5, QtGui.QColor(102, 102, 187))

gradient.setColorAt(1.0, QtGui.QColor(119, 119, 204))

brush = QtGui.QBrush(gradient)

palette.setBrush(QtGui.QPalette.Active, QtGui.QPalette.Button, brush)

brush = QtGui.QBrush(QtGui.QColor(213, 127, 255))

brush.setStyle(QtCore.Qt.SolidPattern)

palette.setBrush(QtGui.QPalette.Active, QtGui.QPalette.Light, brush)

brush = QtGui.QBrush(QtGui.QColor(191, 63, 255))

brush.setStyle(QtCore.Qt.SolidPattern)

palette.setBrush(QtGui.QPalette.Active, QtGui.QPalette.Midlight, brush)

brush = QtGui.QBrush(QtGui.QColor(85, 0, 127))

brush.setStyle(QtCore.Qt.SolidPattern)

palette.setBrush(QtGui.QPalette.Active, QtGui.QPalette.Dark, brush)

brush = QtGui.QBrush(QtGui.QColor(113, 0, 170))

brush.setStyle(QtCore.Qt.SolidPattern)

palette.setBrush(QtGui.QPalette.Active, QtGui.QPalette.Mid, brush)

brush = QtGui.QBrush(QtGui.QColor(255, 255, 255))

brush.setStyle(QtCore.Qt.SolidPattern)

palette.setBrush(QtGui.QPalette.Active, QtGui.QPalette.Text, brush)

brush = QtGui.QBrush(QtGui.QColor(255, 255, 255))

brush.setStyle(QtCore.Qt.SolidPattern)

palette.setBrush(QtGui.QPalette.Active, QtGui.QPalette.BrightText, brush)

brush = QtGui.QBrush(QtGui.QColor(255, 255, 255))

brush.setStyle(QtCore.Qt.SolidPattern)

palette.setBrush(QtGui.QPalette.Active, QtGui.QPalette.ButtonText, brush)

gradient = QtGui.QLinearGradient(0.0, 0.0, 0.0, 1.0)

gradient.setSpread(QtGui.QGradient.PadSpread)

gradient.setCoordinateMode(QtGui.QGradient.ObjectBoundingMode)

gradient.setColorAt(0.0, QtGui.QColor(136, 136, 221))

gradient.setColorAt(0.1, QtGui.QColor(153, 153, 238))

gradient.setColorAt(0.49, QtGui.QColor(119, 119, 204))

gradient.setColorAt(0.5, QtGui.QColor(102, 102, 187))

gradient.setColorAt(1.0, QtGui.QColor(119, 119, 204))

brush = QtGui.QBrush(gradient)

palette.setBrush(QtGui.QPalette.Active, QtGui.QPalette.Base, brush)

gradient = QtGui.QLinearGradient(0.0, 0.0, 0.0, 1.0)

gradient.setSpread(QtGui.QGradient.PadSpread)

gradient.setCoordinateMode(QtGui.QGradient.ObjectBoundingMode)

gradient.setColorAt(0.0, QtGui.QColor(136, 136, 221))

gradient.setColorAt(0.1, QtGui.QColor(153, 153, 238))

gradient.setColorAt(0.49, QtGui.QColor(119, 119, 204))

gradient.setColorAt(0.5, QtGui.QColor(102, 102, 187))

gradient.setColorAt(1.0, QtGui.QColor(119, 119, 204))

brush = QtGui.QBrush(gradient)

palette.setBrush(QtGui.QPalette.Active, QtGui.QPalette.Window, brush)

brush = QtGui.QBrush(QtGui.QColor(0, 0, 0))

brush.setStyle(QtCore.Qt.SolidPattern)

palette.setBrush(QtGui.QPalette.Active, QtGui.QPalette.Shadow, brush)

brush = QtGui.QBrush(QtGui.QColor(212, 127, 255))

brush.setStyle(QtCore.Qt.SolidPattern)

palette.setBrush(QtGui.QPalette.Active, QtGui.QPalette.AlternateBase, brush)

brush = QtGui.QBrush(QtGui.QColor(255, 255, 220))

brush.setStyle(QtCore.Qt.SolidPattern)

palette.setBrush(QtGui.QPalette.Active, QtGui.QPalette.ToolTipBase, brush)

brush = QtGui.QBrush(QtGui.QColor(0, 0, 0))

brush.setStyle(QtCore.Qt.SolidPattern)

palette.setBrush(QtGui.QPalette.Active, QtGui.QPalette.ToolTipText, brush)

brush = QtGui.QBrush(QtGui.QColor(255, 255, 255))

brush.setStyle(QtCore.Qt.SolidPattern)

palette.setBrush(QtGui.QPalette.Inactive, QtGui.QPalette.WindowText, brush)

gradient = QtGui.QLinearGradient(0.0, 0.0, 0.0, 1.0)

gradient.setSpread(QtGui.QGradient.PadSpread)

gradient.setCoordinateMode(QtGui.QGradient.ObjectBoundingMode)

gradient.setColorAt(0.0, QtGui.QColor(136, 136, 221))

gradient.setColorAt(0.1, QtGui.QColor(153, 153, 238))

gradient.setColorAt(0.49, QtGui.QColor(119, 119, 204))

gradient.setColorAt(0.5, QtGui.QColor(102, 102, 187))

gradient.setColorAt(1.0, QtGui.QColor(119, 119, 204))

brush = QtGui.QBrush(gradient)

palette.setBrush(QtGui.QPalette.Inactive, QtGui.QPalette.Button, brush)

brush = QtGui.QBrush(QtGui.QColor(213, 127, 255))

brush.setStyle(QtCore.Qt.SolidPattern)

palette.setBrush(QtGui.QPalette.Inactive, QtGui.QPalette.Light, brush)

brush = QtGui.QBrush(QtGui.QColor(191, 63, 255))

brush.setStyle(QtCore.Qt.SolidPattern)

palette.setBrush(QtGui.QPalette.Inactive, QtGui.QPalette.Midlight, brush)

brush = QtGui.QBrush(QtGui.QColor(85, 0, 127))

brush.setStyle(QtCore.Qt.SolidPattern)

palette.setBrush(QtGui.QPalette.Inactive, QtGui.QPalette.Dark, brush)

brush = QtGui.QBrush(QtGui.QColor(113, 0, 170))

brush.setStyle(QtCore.Qt.SolidPattern)

palette.setBrush(QtGui.QPalette.Inactive, QtGui.QPalette.Mid, brush)

brush = QtGui.QBrush(QtGui.QColor(255, 255, 255))

brush.setStyle(QtCore.Qt.SolidPattern)

palette.setBrush(QtGui.QPalette.Inactive, QtGui.QPalette.Text, brush)

brush = QtGui.QBrush(QtGui.QColor(255, 255, 255))

brush.setStyle(QtCore.Qt.SolidPattern)

palette.setBrush(QtGui.QPalette.Inactive, QtGui.QPalette.BrightText, brush)

brush = QtGui.QBrush(QtGui.QColor(255, 255, 255))

brush.setStyle(QtCore.Qt.SolidPattern)

palette.setBrush(QtGui.QPalette.Inactive, QtGui.QPalette.ButtonText, brush)

gradient = QtGui.QLinearGradient(0.0, 0.0, 0.0, 1.0)

gradient.setSpread(QtGui.QGradient.PadSpread)

gradient.setCoordinateMode(QtGui.QGradient.ObjectBoundingMode)

gradient.setColorAt(0.0, QtGui.QColor(136, 136, 221))

gradient.setColorAt(0.1, QtGui.QColor(153, 153, 238))

gradient.setColorAt(0.49, QtGui.QColor(119, 119, 204))

gradient.setColorAt(0.5, QtGui.QColor(102, 102, 187))

gradient.setColorAt(1.0, QtGui.QColor(119, 119, 204))

brush = QtGui.QBrush(gradient)

palette.setBrush(QtGui.QPalette.Inactive, QtGui.QPalette.Base, brush)

gradient = QtGui.QLinearGradient(0.0, 0.0, 0.0, 1.0)

gradient.setSpread(QtGui.QGradient.PadSpread)

gradient.setCoordinateMode(QtGui.QGradient.ObjectBoundingMode)

gradient.setColorAt(0.0, QtGui.QColor(136, 136, 221))

gradient.setColorAt(0.1, QtGui.QColor(153, 153, 238))

gradient.setColorAt(0.49, QtGui.QColor(119, 119, 204))

gradient.setColorAt(0.5, QtGui.QColor(102, 102, 187))

gradient.setColorAt(1.0, QtGui.QColor(119, 119, 204))

brush = QtGui.QBrush(gradient)

palette.setBrush(QtGui.QPalette.Inactive, QtGui.QPalette.Window, brush)

brush = QtGui.QBrush(QtGui.QColor(0, 0, 0))

brush.setStyle(QtCore.Qt.SolidPattern)

palette.setBrush(QtGui.QPalette.Inactive, QtGui.QPalette.Shadow, brush)

brush = QtGui.QBrush(QtGui.QColor(212, 127, 255))

brush.setStyle(QtCore.Qt.SolidPattern)

palette.setBrush(QtGui.QPalette.Inactive, QtGui.QPalette.AlternateBase, brush)

brush = QtGui.QBrush(QtGui.QColor(255, 255, 220))

brush.setStyle(QtCore.Qt.SolidPattern)

palette.setBrush(QtGui.QPalette.Inactive, QtGui.QPalette.ToolTipBase, brush)

brush = QtGui.QBrush(QtGui.QColor(0, 0, 0))

brush.setStyle(QtCore.Qt.SolidPattern)

palette.setBrush(QtGui.QPalette.Inactive, QtGui.QPalette.ToolTipText, brush)

brush = QtGui.QBrush(QtGui.QColor(255, 255, 255))

brush.setStyle(QtCore.Qt.SolidPattern)

palette.setBrush(QtGui.QPalette.Disabled, QtGui.QPalette.WindowText, brush)

gradient = QtGui.QLinearGradient(0.0, 0.0, 0.0, 1.0)

gradient.setSpread(QtGui.QGradient.PadSpread)

gradient.setCoordinateMode(QtGui.QGradient.ObjectBoundingMode)

gradient.setColorAt(0.0, QtGui.QColor(136, 136, 221))

gradient.setColorAt(0.1, QtGui.QColor(153, 153, 238))

gradient.setColorAt(0.49, QtGui.QColor(119, 119, 204))

gradient.setColorAt(0.5, QtGui.QColor(102, 102, 187))

gradient.setColorAt(1.0, QtGui.QColor(119, 119, 204))

brush = QtGui.QBrush(gradient)

palette.setBrush(QtGui.QPalette.Disabled, QtGui.QPalette.Button, brush)

brush = QtGui.QBrush(QtGui.QColor(213, 127, 255))

brush.setStyle(QtCore.Qt.SolidPattern)

palette.setBrush(QtGui.QPalette.Disabled, QtGui.QPalette.Light, brush)

brush = QtGui.QBrush(QtGui.QColor(191, 63, 255))

brush.setStyle(QtCore.Qt.SolidPattern)

palette.setBrush(QtGui.QPalette.Disabled, QtGui.QPalette.Midlight, brush)

brush = QtGui.QBrush(QtGui.QColor(85, 0, 127))

brush.setStyle(QtCore.Qt.SolidPattern)

palette.setBrush(QtGui.QPalette.Disabled, QtGui.QPalette.Dark, brush)

brush = QtGui.QBrush(QtGui.QColor(113, 0, 170))

brush.setStyle(QtCore.Qt.SolidPattern)

palette.setBrush(QtGui.QPalette.Disabled, QtGui.QPalette.Mid, brush)

brush = QtGui.QBrush(QtGui.QColor(255, 255, 255))

brush.setStyle(QtCore.Qt.SolidPattern)

palette.setBrush(QtGui.QPalette.Disabled, QtGui.QPalette.Text, brush)

brush = QtGui.QBrush(QtGui.QColor(255, 255, 255))

brush.setStyle(QtCore.Qt.SolidPattern)

palette.setBrush(QtGui.QPalette.Disabled, QtGui.QPalette.BrightText, brush)

brush = QtGui.QBrush(QtGui.QColor(255, 255, 255))

brush.setStyle(QtCore.Qt.SolidPattern)

palette.setBrush(QtGui.QPalette.Disabled, QtGui.QPalette.ButtonText, brush)

gradient = QtGui.QLinearGradient(0.0, 0.0, 0.0, 1.0)

gradient.setSpread(QtGui.QGradient.PadSpread)

gradient.setCoordinateMode(QtGui.QGradient.ObjectBoundingMode)

gradient.setColorAt(0.0, QtGui.QColor(136, 136, 221))

gradient.setColorAt(0.1, QtGui.QColor(153, 153, 238))

gradient.setColorAt(0.49, QtGui.QColor(119, 119, 204))

gradient.setColorAt(0.5, QtGui.QColor(102, 102, 187))

gradient.setColorAt(1.0, QtGui.QColor(119, 119, 204))

brush = QtGui.QBrush(gradient)

palette.setBrush(QtGui.QPalette.Disabled, QtGui.QPalette.Base, brush)

gradient = QtGui.QLinearGradient(0.0, 0.0, 0.0, 1.0)

gradient.setSpread(QtGui.QGradient.PadSpread)

gradient.setCoordinateMode(QtGui.QGradient.ObjectBoundingMode)

gradient.setColorAt(0.0, QtGui.QColor(136, 136, 221))

gradient.setColorAt(0.1, QtGui.QColor(153, 153, 238))

gradient.setColorAt(0.49, QtGui.QColor(119, 119, 204))

gradient.setColorAt(0.5, QtGui.QColor(102, 102, 187))

gradient.setColorAt(1.0, QtGui.QColor(119, 119, 204))

brush = QtGui.QBrush(gradient)

palette.setBrush(QtGui.QPalette.Disabled, QtGui.QPalette.Window, brush)

brush = QtGui.QBrush(QtGui.QColor(0, 0, 0))

brush.setStyle(QtCore.Qt.SolidPattern)

palette.setBrush(QtGui.QPalette.Disabled, QtGui.QPalette.Shadow, brush)

brush = QtGui.QBrush(QtGui.QColor(170, 0, 255))

brush.setStyle(QtCore.Qt.SolidPattern)

palette.setBrush(QtGui.QPalette.Disabled, QtGui.QPalette.AlternateBase, brush)

brush = QtGui.QBrush(QtGui.QColor(255, 255, 220))

brush.setStyle(QtCore.Qt.SolidPattern)

palette.setBrush(QtGui.QPalette.Disabled, QtGui.QPalette.ToolTipBase, brush)

brush = QtGui.QBrush(QtGui.QColor(0, 0, 0))

brush.setStyle(QtCore.Qt.SolidPattern)

palette.setBrush(QtGui.QPalette.Disabled, QtGui.QPalette.ToolTipText, brush)

self.ok\_btn.setPalette(palette)

font = QtGui.QFont()

font.setPointSize(-1)

self.ok\_btn.setFont(font)

self.ok\_btn.setIconSize(QtCore.QSize(16, 16))

self.ok\_btn.setAutoExclusive(False)

self.ok\_btn.setObjectName(\_fromUtf8("ok\_btn"))

self.horizontalLayout.addWidget(self.ok\_btn)

self.back\_btn = QtGui.QPushButton(queries)

sizePolicy = QtGui.QSizePolicy(QtGui.QSizePolicy.Expanding, QtGui.QSizePolicy.Fixed)

sizePolicy.setHorizontalStretch(0)

sizePolicy.setVerticalStretch(0)

sizePolicy.setHeightForWidth(self.back\_btn.sizePolicy().hasHeightForWidth())

self.back\_btn.setSizePolicy(sizePolicy)

font = QtGui.QFont()

font.setPointSize(-1)

self.back\_btn.setFont(font)

self.back\_btn.setObjectName(\_fromUtf8("back\_btn"))

self.horizontalLayout.addWidget(self.back\_btn)

spacerItem2 = QtGui.QSpacerItem(40, 20, QtGui.QSizePolicy.Expanding, QtGui.QSizePolicy.Minimum)

self.horizontalLayout.addItem(spacerItem2)

self.verticalLayout.addLayout(self.horizontalLayout)

self.verticalLayout\_2.addLayout(self.verticalLayout)

self.connect(self.ok\_btn, QtCore.SIGNAL("clicked()"),self.ok\_btn\_clicked)

self.connect(self.back\_btn, QtCore.SIGNAL("clicked()"),self.back\_btn\_clicked)

self.retranslateUi(queries)

QtCore.QMetaObject.connectSlotsByName(queries)

def back\_btn\_clicked(self):

self.o=options.Ui\_Options\_form()

self.o.show()

self.close()

def ok\_btn\_clicked(self):

self.choice=int(self.choice\_lineEdit.text())

temp\_date=(self.dateEdit.date())

self.date=str(temp\_date.toPyDate())

if self.choice==1:

self.sb\_name=search\_by\_name.Ui\_Dialog(self.date)

self.sb\_name.show()

self.close()

elif self.choice==2:

self.sb\_addr=search\_by\_address.Ui\_Dialog(self.date)

self.sb\_addr.show()

self.close()

elif self.choice==3:

self.sb\_id=search\_by\_id.Ui\_Dialog(self.date)

self.sb\_id.show()

self.close()

elif self.choice==4:

self.dbu=DB\_manager.DatabaseUtility('icpms','person','vehicle','purpose')

table=self.dbu.GetLast30Visits(self.date)

self.dr=data\_retreived.Ui\_Form(table)

self.dr.show()

self.close()

elif self.choice==5:

self.dbu=DB\_manager.DatabaseUtility('icpms','person','vehicle','purpose')

table=self.dbu.GetLast30TwoWheelers(self.date)

self.dr=data\_retreived.Ui\_Form(table)

self.dr.show()

self.close()

elif self.choice==6:

self.dbu=DB\_manager.DatabaseUtility('icpms','person','vehicle','purpose')

table=self.dbu.GetLast30FourWheelers(self.date)

self.dr=data\_retreived.Ui\_Form(table)

self.dr.show()

self.close()

elif self.choice==7:

self.dbu=DB\_manager.DatabaseUtility('icpms','person','vehicle','purpose')

table=self.dbu.GetLast30Pedestrians(self.date)

self.dr=data\_retreived.Ui\_Form(table)

self.dr.show()

self.close()

elif self.choice==8:

self.dbu=DB\_manager.DatabaseUtility('icpms','person','vehicle','purpose')

count=self.dbu.GetNumberOfPersons(self.date)

c=str(count[0])

QtGui.QMessageBox.information(self,'No of Persons','Total number of persons are: %s '%c)

self.close()

elif self.choice==9:

self.dbu=DB\_manager.DatabaseUtility('icpms','person','vehicle','purpose')

count=self.dbu.GetNumberOfMales(self.date)

c=str(count[0])

QtGui.QMessageBox.information(self,'No of Persons','Total number of male visits are: %s '%c)

self.close()

elif self.choice==10:

self.dbu=DB\_manager.DatabaseUtility('icpms','person','vehicle','purpose')

count=self.dbu.GetNumberOfFemales(self.date)

c=str(count[0])

QtGui.QMessageBox.information(self,'No of Persons','Total number of female visits are: %s '%c)

self.close()

elif self.choice==11:

self.dbu=DB\_manager.DatabaseUtility('icpms','person','vehicle','purpose')

count=self.dbu.GetNumberOfStudents(self.date)

c=str(count[0])

QtGui.QMessageBox.information(self,'No of Persons','Total number of student visits are: %s '%c)

self.close()

elif self.choice==12:

self.dbu=DB\_manager.DatabaseUtility('icpms','person','vehicle','purpose')

count=self.dbu.GetNumberOfStaff(self.date)

c=str(count[0])

QtGui.QMessageBox.information(self,'No of Persons','Total number of staff visits are: %s '%c)

self.close()

elif self.choice==13:

self.dbu=DB\_manager.DatabaseUtility('icpms','person','vehicle','purpose')

count=self.dbu.GetNumberOfOutsiders(self.date)

c=str(count[0])

QtGui.QMessageBox.information(self,'No of Persons','Total number of outsiders are: %s '%c)

self.close()

else :

QtGui.QMessageBox.warning(self,'Dang it!!','Invalid Entry!!')

def retranslateUi(self, queries):

queries.setWindowTitle(\_translate("queries", "Form", None))

self.label\_17.setText(\_translate("queries", "What would you like to know?", None))

self.label\_5.setText(\_translate("queries", "1. Search By Name", None))

self.label\_6.setText(\_translate("queries", "2. Search by Address", None))

self.label\_3.setText(\_translate("queries", "3. Search by ID Number", None))

self.label.setText(\_translate("queries", "4. Last 30 visits", None))

self.label\_4.setText(\_translate("queries", "5. Last 30 twowheeler visits", None))

self.label\_7.setText(\_translate("queries", "6. Last 30 fourwheeler visits", None))

self.label\_8.setText(\_translate("queries", "7. Last 30 pedestrians", None))

self.label\_9.setText(\_translate("queries", "8. Number of Persons visited the institute on a particular day", None))

self.label\_2.setText(\_translate("queries", "9. Number of males visited the institute on a particular day", None))

self.label\_10.setText(\_translate("queries", "10. Number of females visited the institute on a particular day", None))

self.label\_11.setText(\_translate("queries", "11. Number of visits by Students on a particular day", None))

self.label\_12.setText(\_translate("queries", "12. Number of visits by Staff on a particular day", None))

self.label\_13.setText(\_translate("queries", "13. Number of visits by persons who reside outside the institute area", None))

self.ente\_choice\_lbl.setText(\_translate("queries", "Enter Your Choice Here:", None))

self.label\_14.setText(\_translate("queries", "Date:", None))

self.ok\_btn.setText(\_translate("queries", "ok", None))

self.back\_btn.setText(\_translate("queries", "Back", None))

if \_\_name\_\_ == "\_\_main\_\_":

import sys

app = QtGui.QApplication(sys.argv)

queries = QtGui.QWidget()

ui = Ui\_queries()

ui.setupUi(queries)

queries.show()

sys.exit(app.exec\_())

Module-7(Search\_by\_name):

# -\*- coding: utf-8 -\*-

# Form implementation generated from reading ui file 'search\_by\_name.ui'

#

# Created: Mon Apr 13 23:08:11 2015

# by: PyQt4 UI code generator 4.11.3

#

# WARNING! All changes made in this file will be lost!

import queries,DB\_manager,data\_retreived

from PyQt4 import QtCore, QtGui

try:

\_fromUtf8 = QtCore.QString.fromUtf8

except AttributeError:

def \_fromUtf8(s):

return s

try:

\_encoding = QtGui.QApplication.UnicodeUTF8

def \_translate(context, text, disambig):

return QtGui.QApplication.translate(context, text, disambig, \_encoding)

except AttributeError:

def \_translate(context, text, disambig):

return QtGui.QApplication.translate(context, text, disambig)

class Ui\_Dialog(QtGui.QDialog):

def \_\_init\_\_(self,date):

QtGui.QDialog.\_\_init\_\_(self)

self.date=date

self.setupUi(self)

self.confirm=None

def setupUi(self, Dialog):

Dialog.setObjectName(\_fromUtf8("Dialog"))

Dialog.resize(617, 358)

palette = QtGui.QPalette()

brush = QtGui.QBrush(QtGui.QColor(255, 255, 255))

brush.setStyle(QtCore.Qt.SolidPattern)

palette.setBrush(QtGui.QPalette.Active, QtGui.QPalette.Button, brush)

brush = QtGui.QBrush(QtGui.QColor(255, 255, 255))

brush.setStyle(QtCore.Qt.SolidPattern)

palette.setBrush(QtGui.QPalette.Active, QtGui.QPalette.Base, brush)

brush = QtGui.QBrush(QtGui.QColor(255, 255, 255))

brush.setStyle(QtCore.Qt.SolidPattern)

palette.setBrush(QtGui.QPalette.Active, QtGui.QPalette.Window, brush)

brush = QtGui.QBrush(QtGui.QColor(255, 255, 255))

brush.setStyle(QtCore.Qt.SolidPattern)

palette.setBrush(QtGui.QPalette.Inactive, QtGui.QPalette.Button, brush)

brush = QtGui.QBrush(QtGui.QColor(255, 255, 255))

brush.setStyle(QtCore.Qt.SolidPattern)

palette.setBrush(QtGui.QPalette.Inactive, QtGui.QPalette.Base, brush)

brush = QtGui.QBrush(QtGui.QColor(255, 255, 255))

brush.setStyle(QtCore.Qt.SolidPattern)

palette.setBrush(QtGui.QPalette.Inactive, QtGui.QPalette.Window, brush)

brush = QtGui.QBrush(QtGui.QColor(255, 255, 255))

brush.setStyle(QtCore.Qt.SolidPattern)

palette.setBrush(QtGui.QPalette.Disabled, QtGui.QPalette.Button, brush)

brush = QtGui.QBrush(QtGui.QColor(255, 255, 255))

brush.setStyle(QtCore.Qt.SolidPattern)

palette.setBrush(QtGui.QPalette.Disabled, QtGui.QPalette.Base, brush)

brush = QtGui.QBrush(QtGui.QColor(255, 255, 255))

brush.setStyle(QtCore.Qt.SolidPattern)

palette.setBrush(QtGui.QPalette.Disabled, QtGui.QPalette.Window, brush)

Dialog.setPalette(palette)

font = QtGui.QFont()

font.setFamily(\_fromUtf8("Arial"))

font.setPointSize(12)

Dialog.setFont(font)

Dialog.setStyleSheet(\_fromUtf8("#Dialog{\n"

"background-image: url(C:/Python27/ICPMS/search.png);\n"

"background-repeat:no repeat;\n"

"background-color:white;\n"

"}\n"

"QPushButton{\n"

"color: white;\n"

"background-color: QLinearGradient( x1: 0, y1: 0, x2: 0, y2: 1, stop: 0 #88d, stop: 0.1 #99e, stop: 0.49 #77c, stop: 0.5 #66b, stop: 1 #77c);\n"

"border-width: 1px;\n"

"border-color: #339;\n"

"border-style: solid;\n"

"border-radius: 7;\n"

"padding: 3px;\n"

"font-size: 20px;\n"

"padding-left: 5px;\n"

"padding-right: 5px;\n"

"min-width: 50px;\n"

"max-width: 50px;\n"

"min-height: 18px;\n"

"max-height: 20px;}\n"

"\n"

"QLineEdit{\n"

"border-width: 1px;\n"

"border-color: #339;\n"

"border-style: solid;\n"

"border-radius: 7;\n"

"padding: 3px;\n"

"padding-left: 5px;\n"

"padding-right: 5px;\n"

"}\n"

"\n"

""))

self.layoutWidget = QtGui.QWidget(Dialog)

self.layoutWidget.setGeometry(QtCore.QRect(295, 10, 301, 61))

self.layoutWidget.setObjectName(\_fromUtf8("layoutWidget"))

self.verticalLayout = QtGui.QVBoxLayout(self.layoutWidget)

self.verticalLayout.setMargin(0)

self.verticalLayout.setObjectName(\_fromUtf8("verticalLayout"))

self.label\_3 = QtGui.QLabel(self.layoutWidget)

font = QtGui.QFont()

font.setFamily(\_fromUtf8("NEOTERIQUE"))

font.setPointSize(22)

self.label\_3.setFont(font)

self.label\_3.setAlignment(QtCore.Qt.AlignCenter)

self.label\_3.setObjectName(\_fromUtf8("label\_3"))

self.verticalLayout.addWidget(self.label\_3)

self.layoutWidget1 = QtGui.QWidget(Dialog)

self.layoutWidget1.setGeometry(QtCore.QRect(170, 240, 341, 91))

self.layoutWidget1.setObjectName(\_fromUtf8("layoutWidget1"))

self.gridLayout = QtGui.QGridLayout(self.layoutWidget1)

self.gridLayout.setMargin(0)

self.gridLayout.setObjectName(\_fromUtf8("gridLayout"))

self.horizontalLayout = QtGui.QHBoxLayout()

self.horizontalLayout.setObjectName(\_fromUtf8("horizontalLayout"))

self.Fname\_lineEdit = QtGui.QLineEdit(self.layoutWidget1)

self.Fname\_lineEdit.setStyleSheet(\_fromUtf8("QLineEdit{\n"

"\n"

"}"))

self.Fname\_lineEdit.setText(\_fromUtf8(""))

self.Fname\_lineEdit.setObjectName(\_fromUtf8("Fname\_lineEdit"))

self.horizontalLayout.addWidget(self.Fname\_lineEdit)

self.label\_2 = QtGui.QLabel(self.layoutWidget1)

self.label\_2.setObjectName(\_fromUtf8("label\_2"))

self.horizontalLayout.addWidget(self.label\_2)

self.Lname\_lineEdit = QtGui.QLineEdit(self.layoutWidget1)

self.Lname\_lineEdit.setObjectName(\_fromUtf8("Lname\_lineEdit"))

self.horizontalLayout.addWidget(self.Lname\_lineEdit)

self.gridLayout.addLayout(self.horizontalLayout, 1, 0, 1, 1)

self.horizontalLayout\_2 = QtGui.QHBoxLayout()

self.horizontalLayout\_2.setObjectName(\_fromUtf8("horizontalLayout\_2"))

self.ok\_btn = QtGui.QPushButton(self.layoutWidget1)

self.ok\_btn.setObjectName(\_fromUtf8("ok\_btn"))

self.horizontalLayout\_2.addWidget(self.ok\_btn)

self.back\_btn = QtGui.QPushButton(self.layoutWidget1)

self.back\_btn.setObjectName(\_fromUtf8("back\_btn"))

self.horizontalLayout\_2.addWidget(self.back\_btn)

self.gridLayout.addLayout(self.horizontalLayout\_2, 2, 0, 1, 1)

self.label = QtGui.QLabel(self.layoutWidget1)

font = QtGui.QFont()

font.setPointSize(10)

self.label.setFont(font)

self.label.setAlignment(QtCore.Qt.AlignCenter)

self.label.setObjectName(\_fromUtf8("label"))

self.gridLayout.addWidget(self.label, 0, 0, 1, 1)

QtCore.QObject.connect(self.back\_btn, QtCore.SIGNAL(\_fromUtf8("clicked()")), self.back\_clicked)

QtCore.QObject.connect(self.ok\_btn, QtCore.SIGNAL(\_fromUtf8("clicked()")), self.ok\_clicked)

self.retranslateUi(Dialog)

QtCore.QMetaObject.connectSlotsByName(Dialog)

def ok\_clicked(self):

self.Fname=self.Fname\_lineEdit.text()

self.Lname=self.Lname\_lineEdit.text()

self.dbu=DB\_manager.DatabaseUtility('icpms','person','vehicle','purpose')

if self.Lname=='' and self.Fname=='':

QtGui.QMessageBox.warning(self, 'Guess What?', 'Both fields can\'nt be left blank simultaneously!!')

elif self.Lname=='':

table=self.dbu.GetByFname(self.Fname,self.date)

self.dr=data\_retreived.Ui\_Form(table)

self.dr.show()

self.close()

elif self.Fname=='':

table=self.dbu.GetByLname(self.Lname,self.date)

self.dr=data\_retreived.Ui\_Form(table)

self.dr.show()

self.close()

else:

table=self.dbu.GetByName(self.Fname,self.Lname,self.date)

self.dr=data\_retreived.Ui\_Form(table)

self.dr.show()

self.close()

def back\_clicked(self):

self.q=queries.Ui\_queries()

self.q.show()

self.close()

def retranslateUi(self, Dialog):

Dialog.setWindowTitle(\_translate("Dialog", "Dialog", None))

self.label\_3.setText(\_translate("Dialog", "Search by Name", None))

self.Fname\_lineEdit.setPlaceholderText(\_translate("Dialog", "First Name", None))

self.label\_2.setText(\_translate("Dialog", "OR", None))

self.Lname\_lineEdit.setPlaceholderText(\_translate("Dialog", "Last Name", None))

self.ok\_btn.setText(\_translate("Dialog", "OK", None))

self.back\_btn.setText(\_translate("Dialog", "Back", None))

self.label.setText(\_translate("Dialog", "Enter First Name or Last Name", None))

'''

if \_\_name\_\_ == "\_\_main\_\_":

import sys

app = QtGui.QApplication(sys.argv)

ui = Ui\_Dialog(12)

ui.show()

sys.exit(app.exec\_())

'''

Module-8(Search\_by\_address):

# -\*- coding: utf-8 -\*-

# Form implementation generated from reading ui file 'search\_by\_address.ui'

#

# Created: Mon Apr 13 22:48:46 2015

# by: PyQt4 UI code generator 4.11.3

#

# WARNING! All changes made in this file will be lost!

import queries,DB\_manager,data\_retreived

from PyQt4 import QtCore, QtGui

try:

\_fromUtf8 = QtCore.QString.fromUtf8

except AttributeError:

def \_fromUtf8(s):

return s

try:

\_encoding = QtGui.QApplication.UnicodeUTF8

def \_translate(context, text, disambig):

return QtGui.QApplication.translate(context, text, disambig, \_encoding)

except AttributeError:

def \_translate(context, text, disambig):

return QtGui.QApplication.translate(context, text, disambig)

class Ui\_Dialog(QtGui.QDialog):

def \_\_init\_\_(self,date):

QtGui.QDialog.\_\_init\_\_(self)

self.date=date

self.setupUi(self)

self.confirm=None

def setupUi(self, Dialog):

Dialog.setObjectName(\_fromUtf8("Dialog"))

Dialog.resize(502, 312)

sizePolicy = QtGui.QSizePolicy(QtGui.QSizePolicy.MinimumExpanding, QtGui.QSizePolicy.MinimumExpanding)

sizePolicy.setHorizontalStretch(0)

sizePolicy.setVerticalStretch(0)

sizePolicy.setHeightForWidth(Dialog.sizePolicy().hasHeightForWidth())

Dialog.setSizePolicy(sizePolicy)

Dialog.setMinimumSize(QtCore.QSize(502, 300))

palette = QtGui.QPalette()

brush = QtGui.QBrush(QtGui.QColor(255, 255, 255))

brush.setStyle(QtCore.Qt.SolidPattern)

palette.setBrush(QtGui.QPalette.Active, QtGui.QPalette.Button, brush)

brush = QtGui.QBrush(QtGui.QColor(255, 255, 255))

brush.setStyle(QtCore.Qt.SolidPattern)

palette.setBrush(QtGui.QPalette.Active, QtGui.QPalette.Base, brush)

brush = QtGui.QBrush(QtGui.QColor(255, 255, 255))

brush.setStyle(QtCore.Qt.SolidPattern)

palette.setBrush(QtGui.QPalette.Active, QtGui.QPalette.Window, brush)

brush = QtGui.QBrush(QtGui.QColor(255, 255, 255))

brush.setStyle(QtCore.Qt.SolidPattern)

palette.setBrush(QtGui.QPalette.Inactive, QtGui.QPalette.Button, brush)

brush = QtGui.QBrush(QtGui.QColor(255, 255, 255))

brush.setStyle(QtCore.Qt.SolidPattern)

palette.setBrush(QtGui.QPalette.Inactive, QtGui.QPalette.Base, brush)

brush = QtGui.QBrush(QtGui.QColor(255, 255, 255))

brush.setStyle(QtCore.Qt.SolidPattern)

palette.setBrush(QtGui.QPalette.Inactive, QtGui.QPalette.Window, brush)

brush = QtGui.QBrush(QtGui.QColor(255, 255, 255))

brush.setStyle(QtCore.Qt.SolidPattern)

palette.setBrush(QtGui.QPalette.Disabled, QtGui.QPalette.Button, brush)

brush = QtGui.QBrush(QtGui.QColor(255, 255, 255))

brush.setStyle(QtCore.Qt.SolidPattern)

palette.setBrush(QtGui.QPalette.Disabled, QtGui.QPalette.Base, brush)

brush = QtGui.QBrush(QtGui.QColor(255, 255, 255))

brush.setStyle(QtCore.Qt.SolidPattern)

palette.setBrush(QtGui.QPalette.Disabled, QtGui.QPalette.Window, brush)

Dialog.setPalette(palette)

Dialog.setStyleSheet(\_fromUtf8("#Dialog{\n"

"background-image: url(C:/Python27/ICPMS/search4.png);\n"

"background-repeat:no repeat;\n"

"background-position:left;\n"

"background-color:white;\n"

"}\n"

"QPushButton{\n"

"color: white;\n"

"background-color: QLinearGradient( x1: 0, y1: 0, x2: 0, y2: 1, stop: 0 #88d, stop: 0.1 #99e, stop: 0.49 #77c, stop: 0.5 #66b, stop: 1 #77c);\n"

"border-width: 1px;\n"

"border-color: #339;\n"

"border-style: solid;\n"

"border-radius: 7;\n"

"padding: 3px;\n"

"font-size: 20px;\n"

"padding-left: 5px;\n"

"padding-right: 5px;\n"

"min-width: 50px;\n"

"max-width: 50px;\n"

"min-height: 18px;\n"

"max-height: 20px;}\n"

"\n"

"QLineEdit{\n"

"border-width: 1px;\n"

"border-color: #339;\n"

"border-style: solid;\n"

"border-radius: 7;\n"

"padding: 3px;\n"

"padding-left: 5px;\n"

"padding-right: 5px;\n"

"}\n"

"\n"

""))

self.widget = QtGui.QWidget(Dialog)

self.widget.setGeometry(QtCore.QRect(180, 0, 316, 301))

self.widget.setObjectName(\_fromUtf8("widget"))

self.verticalLayout = QtGui.QVBoxLayout(self.widget)

self.verticalLayout.setMargin(0)

self.verticalLayout.setObjectName(\_fromUtf8("verticalLayout"))

spacerItem = QtGui.QSpacerItem(40, 20, QtGui.QSizePolicy.Expanding, QtGui.QSizePolicy.Minimum)

self.verticalLayout.addItem(spacerItem)

self.label = QtGui.QLabel(self.widget)

font = QtGui.QFont()

font.setFamily(\_fromUtf8("NEOTERIQUE"))

font.setPointSize(22)

self.label.setFont(font)

self.label.setAlignment(QtCore.Qt.AlignCenter)

self.label.setObjectName(\_fromUtf8("label"))

self.verticalLayout.addWidget(self.label)

self.gridLayout = QtGui.QGridLayout()

self.gridLayout.setObjectName(\_fromUtf8("gridLayout"))

spacerItem1 = QtGui.QSpacerItem(20, 40, QtGui.QSizePolicy.Minimum, QtGui.QSizePolicy.Expanding)

self.gridLayout.addItem(spacerItem1, 0, 1, 1, 1)

self.pushButton\_2 = QtGui.QPushButton(self.widget)

self.pushButton\_2.setObjectName(\_fromUtf8("pushButton\_2"))

self.gridLayout.addWidget(self.pushButton\_2, 5, 2, 1, 1)

self.label\_2 = QtGui.QLabel(self.widget)

font = QtGui.QFont()

font.setPointSize(12)

self.label\_2.setFont(font)

self.label\_2.setAlignment(QtCore.Qt.AlignCenter)

self.label\_2.setObjectName(\_fromUtf8("label\_2"))

self.gridLayout.addWidget(self.label\_2, 1, 1, 1, 2)

self.pushButton = QtGui.QPushButton(self.widget)

self.pushButton.setObjectName(\_fromUtf8("pushButton"))

self.gridLayout.addWidget(self.pushButton, 5, 1, 1, 1)

spacerItem2 = QtGui.QSpacerItem(40, 20, QtGui.QSizePolicy.Expanding, QtGui.QSizePolicy.Minimum)

self.gridLayout.addItem(spacerItem2, 6, 1, 1, 1)

spacerItem3 = QtGui.QSpacerItem(20, 40, QtGui.QSizePolicy.Minimum, QtGui.QSizePolicy.Expanding)

self.gridLayout.addItem(spacerItem3, 4, 1, 1, 1)

self.lineEdit = QtGui.QLineEdit(self.widget)

sizePolicy = QtGui.QSizePolicy(QtGui.QSizePolicy.Expanding, QtGui.QSizePolicy.Fixed)

sizePolicy.setHorizontalStretch(0)

sizePolicy.setVerticalStretch(0)

sizePolicy.setHeightForWidth(self.lineEdit.sizePolicy().hasHeightForWidth())

self.lineEdit.setSizePolicy(sizePolicy)

self.lineEdit.setStyleSheet(\_fromUtf8("width:250px"))

self.lineEdit.setObjectName(\_fromUtf8("lineEdit"))

self.gridLayout.addWidget(self.lineEdit, 3, 1, 1, 2)

spacerItem4 = QtGui.QSpacerItem(40, 20, QtGui.QSizePolicy.Expanding, QtGui.QSizePolicy.Minimum)

self.gridLayout.addItem(spacerItem4, 5, 0, 1, 1)

spacerItem5 = QtGui.QSpacerItem(40, 20, QtGui.QSizePolicy.Expanding, QtGui.QSizePolicy.Minimum)

self.gridLayout.addItem(spacerItem5, 5, 3, 1, 1)

self.verticalLayout.addLayout(self.gridLayout)

QtCore.QObject.connect(self.pushButton\_2, QtCore.SIGNAL(\_fromUtf8("clicked()")), self.back\_clicked)

QtCore.QObject.connect(self.pushButton, QtCore.SIGNAL(\_fromUtf8("clicked()")), self.ok\_clicked)

self.retranslateUi(Dialog)

QtCore.QMetaObject.connectSlotsByName(Dialog)

def ok\_clicked(self):

self.address=self.lineEdit.text()

self.dbu=DB\_manager.DatabaseUtility('icpms','person','vehicle','purpose')

if not self.address:

QtGui.QMessageBox.warning(self, 'Guess What?', 'Address field Empty!!')

else:

table=self.dbu.GetByAddress(self.address,self.date)

self.dr=data\_retreived.Ui\_Form(table)

self.dr.show()

self.close()

def back\_clicked(self):

self.q=queries.Ui\_queries()

self.q.show()

self.close()

def retranslateUi(self, Dialog):

Dialog.setWindowTitle(\_translate("Dialog", "Dialog", None))

self.label.setText(\_translate("Dialog", "Search By Address", None))

self.pushButton\_2.setText(\_translate("Dialog", "Back", None))

self.label\_2.setText(\_translate("Dialog", "Enter address", None))

self.pushButton.setText(\_translate("Dialog", "Ok", None))

self.lineEdit.setPlaceholderText(\_translate("Dialog", "Address", None))

'''

if \_\_name\_\_ == "\_\_main\_\_":

import sys

app = QtGui.QApplication(sys.argv)

Dialog = QtGui.QDialog()

ui = Ui\_Dialog()

ui.setupUi(Dialog)

Dialog.show()

sys.exit(app.exec\_())

'''

Module-9(Search\_by\_ID):

# -\*- coding: utf-8 -\*-

# Form implementation generated from reading ui file 'search\_by\_id.ui'

#

# Created: Tue Apr 14 18:18:51 2015

# by: PyQt4 UI code generator 4.11.3

#

# WARNING! All changes made in this file will be lost!

import queries,DB\_manager,data\_retreived

from PyQt4 import QtCore, QtGui

try:

\_fromUtf8 = QtCore.QString.fromUtf8

except AttributeError:

def \_fromUtf8(s):

return s

try:

\_encoding = QtGui.QApplication.UnicodeUTF8

def \_translate(context, text, disambig):

return QtGui.QApplication.translate(context, text, disambig, \_encoding)

except AttributeError:

def \_translate(context, text, disambig):

return QtGui.QApplication.translate(context, text, disambig)

class Ui\_Dialog(QtGui.QDialog):

def \_\_init\_\_(self,date):

QtGui.QDialog.\_\_init\_\_(self)

self.date=date

self.setupUi(self)

self.confirm=None

def setupUi(self, Dialog):

Dialog.setObjectName(\_fromUtf8("Dialog"))

Dialog.resize(600, 350)

Dialog.setStyleSheet(\_fromUtf8("#Dialog{\n"

"background-image: url(C:/Python27/ICPMS/search-id.png);\n"

"background-repeat:no repeat;\n"

"background-position:left;\n"

"background-color:white;\n"

"}\n"

"QPushButton{\n"

"color: white;\n"

"background-color: QLinearGradient( x1: 0, y1: 0, x2: 0, y2: 1, stop: 0 #88d, stop: 0.1 #99e, stop: 0.49 #77c, stop: 0.5 #66b, stop: 1 #77c);\n"

"border-width: 1px;\n"

"border-color: #339;\n"

"border-style: solid;\n"

"border-radius: 7;\n"

"padding: 3px;\n"

"font-size: 20px;\n"

"padding-left: 5px;\n"

"padding-right: 5px;\n"

"min-width: 50px;\n"

"max-width: 50px;\n"

"min-height: 18px;\n"

"max-height: 20px;}\n"

"\n"

"QLineEdit{\n"

"border-width: 1px;\n"

"border-color: #339;\n"

"border-style: solid;\n"

"border-radius: 7;\n"

"padding: 3px;\n"

"padding-left: 5px;\n"

"padding-right: 5px;\n"

"}\n"

"\n"

""))

self.layoutWidget\_2 = QtGui.QWidget(Dialog)

self.layoutWidget\_2.setGeometry(QtCore.QRect(270, 0, 322, 351))

self.layoutWidget\_2.setObjectName(\_fromUtf8("layoutWidget\_2"))

self.verticalLayout\_2 = QtGui.QVBoxLayout(self.layoutWidget\_2)

self.verticalLayout\_2.setMargin(0)

self.verticalLayout\_2.setObjectName(\_fromUtf8("verticalLayout\_2"))

self.label = QtGui.QLabel(self.layoutWidget\_2)

font = QtGui.QFont()

font.setFamily(\_fromUtf8("NEOTERIQUE"))

font.setPointSize(22)

self.label.setFont(font)

self.label.setAlignment(QtCore.Qt.AlignCenter)

self.label.setObjectName(\_fromUtf8("label"))

self.verticalLayout\_2.addWidget(self.label)

spacerItem = QtGui.QSpacerItem(40, 20, QtGui.QSizePolicy.Expanding, QtGui.QSizePolicy.Minimum)

self.verticalLayout\_2.addItem(spacerItem)

self.gridLayout = QtGui.QGridLayout()

self.gridLayout.setObjectName(\_fromUtf8("gridLayout"))

spacerItem1 = QtGui.QSpacerItem(20, 40, QtGui.QSizePolicy.Minimum, QtGui.QSizePolicy.Expanding)

self.gridLayout.addItem(spacerItem1, 0, 1, 1, 1)

self.pushButton\_2 = QtGui.QPushButton(self.layoutWidget\_2)

self.pushButton\_2.setObjectName(\_fromUtf8("pushButton\_2"))

self.gridLayout.addWidget(self.pushButton\_2, 5, 2, 1, 1)

self.label\_2 = QtGui.QLabel(self.layoutWidget\_2)

font = QtGui.QFont()

font.setPointSize(12)

self.label\_2.setFont(font)

self.label\_2.setAlignment(QtCore.Qt.AlignCenter)

self.label\_2.setObjectName(\_fromUtf8("label\_2"))

self.gridLayout.addWidget(self.label\_2, 1, 1, 1, 2)

self.pushButton = QtGui.QPushButton(self.layoutWidget\_2)

self.pushButton.setObjectName(\_fromUtf8("pushButton"))

self.gridLayout.addWidget(self.pushButton, 5, 1, 1, 1)

spacerItem2 = QtGui.QSpacerItem(40, 20, QtGui.QSizePolicy.Expanding, QtGui.QSizePolicy.Minimum)

self.gridLayout.addItem(spacerItem2, 6, 1, 1, 1)

spacerItem3 = QtGui.QSpacerItem(20, 40, QtGui.QSizePolicy.Minimum, QtGui.QSizePolicy.Expanding)

self.gridLayout.addItem(spacerItem3, 4, 1, 1, 1)

spacerItem4 = QtGui.QSpacerItem(40, 20, QtGui.QSizePolicy.Expanding, QtGui.QSizePolicy.Minimum)

self.gridLayout.addItem(spacerItem4, 5, 0, 1, 1)

spacerItem5 = QtGui.QSpacerItem(40, 20, QtGui.QSizePolicy.Expanding, QtGui.QSizePolicy.Minimum)

self.gridLayout.addItem(spacerItem5, 5, 3, 1, 1)

self.lineEdit = QtGui.QLineEdit(self.layoutWidget\_2)

sizePolicy = QtGui.QSizePolicy(QtGui.QSizePolicy.Expanding, QtGui.QSizePolicy.Fixed)

sizePolicy.setHorizontalStretch(0)

sizePolicy.setVerticalStretch(0)

sizePolicy.setHeightForWidth(self.lineEdit.sizePolicy().hasHeightForWidth())

self.lineEdit.setSizePolicy(sizePolicy)

self.lineEdit.setStyleSheet(\_fromUtf8("width:250px"))

self.lineEdit.setObjectName(\_fromUtf8("lineEdit"))

self.gridLayout.addWidget(self.lineEdit, 3, 1, 1, 2)

self.verticalLayout\_2.addLayout(self.gridLayout)

QtCore.QObject.connect(self.pushButton\_2, QtCore.SIGNAL(\_fromUtf8("clicked()")), self.back\_clicked)

QtCore.QObject.connect(self.pushButton, QtCore.SIGNAL(\_fromUtf8("clicked()")), self.ok\_clicked)

self.retranslateUi(Dialog)

QtCore.QMetaObject.connectSlotsByName(Dialog)

def ok\_clicked(self):

self.id\_no=self.lineEdit.text()

if not self.id\_no:

QtGui.QMessageBox.warning(self, 'Guess What?', 'Id Number field Empty!!')

else:

self.dbu=DB\_manager.DatabaseUtility('icpms','person','vehicle','purpose')

table=self.dbu.GetByIDNo(self.id\_no,self.date)

self.dr=data\_retreived.Ui\_Form(table)

self.dr.show()

self.close()

def back\_clicked(self):

self.q=queries.Ui\_queries()

self.q.show()

self.close()

def retranslateUi(self, Dialog):

Dialog.setWindowTitle(\_translate("Dialog", "Dialog", None))

self.label.setText(\_translate("Dialog", "Search By ID NUMBER", None))

self.pushButton\_2.setText(\_translate("Dialog", "Back", None))

self.label\_2.setText(\_translate("Dialog", "Enter ID NUMBER", None))

self.pushButton.setText(\_translate("Dialog", "Ok", None))

self.lineEdit.setPlaceholderText(\_translate("Dialog", "ID Number", None))

'''

if \_\_name\_\_ == "\_\_main\_\_":

import sys

app = QtGui.QApplication(sys.argv)

Dialog = QtGui.QDialog()

ui = Ui\_Dialog()

ui.setupUi(Dialog)

Dialog.show()

sys.exit(app.exec\_())

'''

Module-10(Data\_retreival):

# -\*- coding: utf-8 -\*-

# Form implementation generated from reading ui file 'data\_retreived.ui'

#

# Created: Tue Apr 14 00:42:43 2015

# by: PyQt4 UI code generator 4.11.3

#

# WARNING! All changes made in this file will be lost!

import queries

from PyQt4 import QtCore, QtGui

try:

\_fromUtf8 = QtCore.QString.fromUtf8

except AttributeError:

def \_fromUtf8(s):

return s

try:

\_encoding = QtGui.QApplication.UnicodeUTF8

def \_translate(context, text, disambig):

return QtGui.QApplication.translate(context, text, disambig, \_encoding)

except AttributeError:

def \_translate(context, text, disambig):

return QtGui.QApplication.translate(context, text, disambig)

class Ui\_Form(QtGui.QWidget):

def \_\_init\_\_(self,table):

QtGui.QWidget.\_\_init\_\_(self)

self.table=table

self.setupUi(self)

self.confirm=None

def setupUi(self, Form):

Form.setObjectName(\_fromUtf8("Form"))

Form.resize(1100, 700)

self.horizontalLayout = QtGui.QHBoxLayout(Form)

self.horizontalLayout.setObjectName(\_fromUtf8("horizontalLayout"))

self.verticalLayout = QtGui.QVBoxLayout()

self.verticalLayout.setObjectName(\_fromUtf8("verticalLayout"))

self.label = QtGui.QLabel(Form)

font = QtGui.QFont()

font.setFamily(\_fromUtf8("NEOTERIQUE"))

font.setPointSize(22)

self.label.setFont(font)

self.label.setAlignment(QtCore.Qt.AlignCenter)

self.label.setObjectName(\_fromUtf8("label"))

self.verticalLayout.addWidget(self.label)

self.label\_2 = QtGui.QLabel(Form)

font = QtGui.QFont()

font.setPointSize(12)

self.label\_2.setFont(font)

self.label\_2.setAlignment(QtCore.Qt.AlignCenter)

self.label\_2.setObjectName(\_fromUtf8("label\_2"))

self.verticalLayout.addWidget(self.label\_2)

self.treeWidget = QtGui.QTreeWidget(Form)

self.treeWidget.setObjectName(\_fromUtf8("treeWidget"))

self.verticalLayout.addWidget(self.treeWidget)

self.horizontalLayout\_3 = QtGui.QHBoxLayout()

self.horizontalLayout\_3.setContentsMargins(-1, -1, -1, 0)

self.horizontalLayout\_3.setObjectName(\_fromUtf8("horizontalLayout\_3"))

spacerItem = QtGui.QSpacerItem(40, 20, QtGui.QSizePolicy.Expanding, QtGui.QSizePolicy.Minimum)

self.horizontalLayout\_3.addItem(spacerItem)

self.pushButton = QtGui.QPushButton(Form)

font = QtGui.QFont()

font.setFamily(\_fromUtf8("ZOMBIFIED"))

font.setPointSize(16)

self.pushButton.setFont(font)

self.pushButton.setStyleSheet(\_fromUtf8(""))

self.pushButton.setObjectName(\_fromUtf8("pushButton"))

self.horizontalLayout\_3.addWidget(self.pushButton)

spacerItem1 = QtGui.QSpacerItem(40, 20, QtGui.QSizePolicy.Expanding, QtGui.QSizePolicy.Minimum)

self.horizontalLayout\_3.addItem(spacerItem1)

self.verticalLayout.addLayout(self.horizontalLayout\_3)

self.horizontalLayout.addLayout(self.verticalLayout)

QtCore.QObject.connect(self.pushButton, QtCore.SIGNAL(\_fromUtf8("clicked()")), self.ok\_btn\_clicked)

self.retranslateUi(Form)

QtCore.QMetaObject.connectSlotsByName(Form)

'''for c in range(len(col)):

self.treeWidget.headerItem().setText(c, col[c][0])'''

self.treeWidget.clear()

print self.table

for item in range(len(self.table)):

QtGui.QTreeWidgetItem(self.treeWidget)

for value in range(len(self.table[item])):

self.treeWidget.topLevelItem(item).setText(value, str(self.table[item][value]))

def ok\_btn\_clicked(self):

self.q=queries.Ui\_queries()

self.q.show()

self.close()

def retranslateUi(self, Form):

Form.setWindowTitle(\_translate("Form", "Form", None))

self.label.setText(\_translate("Form", "Data Retreived", None))

self.label\_2.setText(\_translate("Form", "DATE", None))

self.treeWidget.headerItem().setText(0, \_translate("Form", "Id\_No", None))

self.treeWidget.headerItem().setText(1, \_translate("Form", "Id\_type", None))

self.treeWidget.headerItem().setText(2, \_translate("Form", "time\_in", None))

self.treeWidget.headerItem().setText(3, \_translate("Form", "Fname", None))

self.treeWidget.headerItem().setText(4, \_translate("Form", "Lname", None))

self.treeWidget.headerItem().setText(5, \_translate("Form", "Sex", None))

self.treeWidget.headerItem().setText(6, \_translate("Form", "Address", None))

self.treeWidget.headerItem().setText(7, \_translate("Form", "Mobile No", None))

self.treeWidget.headerItem().setText(8, \_translate("Form", "Landline", None))

self.treeWidget.headerItem().setText(9, \_translate("Form", "Vehicle\_no", None))

self.treeWidget.headerItem().setText(10, \_translate("Form", "Vehicle\_type", None))

self.pushButton.setText(\_translate("Form", "OK", None))

"""

if \_\_name\_\_ == "\_\_main\_\_":

import sys

app = QtGui.QApplication(sys.argv)

ui = Ui\_Form()

ui.show()

sys.exit(app.exec\_())

"""

MODULE-10(DATABASE MANAGER):

#!/usr/bin/python

import mysql.connector

from mysql.connector import errorcode

from datetime import datetime

##===============================================

class DatabaseUtility:

def \_\_init\_\_(self, database, tableName1,tableName2,tableName3):

self.db = database

self.tableName1=tableName1

self.tableName2=tableName2

self.tableName3=tableName3

self.date1 = datetime.now().strftime("%y-%m-%d")

self.time = datetime.now().strftime("%H:%M:%S")

self.cnx = mysql.connector.connect(user = 'root',

password = '',

host = '127.0.0.1')

self.cursor = self.cnx.cursor()

self.ConnectToDatabase()

self.CreateTable1()

self.CreateTable2()

self.CreateTable3()

def ConnectToDatabase(self):

try:

self.cnx.database = self.db

except mysql.connector.Error as err:

if err.errno == errorcode.ER\_BAD\_DB\_ERROR:

self.CreateDatabase()

self.cnx.database = self.db

else:

print(err.msg)

def CreateDatabase(self):

try:

self.RunCommand("CREATE DATABASE %s DEFAULT CHARACTER SET 'utf8';" %self.db)

except mysql.connector.Error as err:

print("Failed creating database: {}".format(err))

def CreateTable1(self):

cmd = (" CREATE TABLE IF NOT EXISTS " + self.tableName1 + " ("

" `id\_no` varchar(15) NOT NULL ,"

"`id\_type` varchar(15) NOT NULL,"

" `date` date NOT NULL,"

" `time\_in` time NOT NULL,"

" `fname` varchar(25) NOT NULL,"

"`lname` varchar(25),"

"`sex` varchar(10) NOT NULL,"

"`address` varchar(150) NOT NULL,"

"`mobile\_no` varchar(10) DEFAULT 'NA',"

"`landline` varchar(15) DEFAULT 'NA',"

"PRIMARY KEY(`id\_no`,`date`,`time\_in` )"

") ENGINE=InnoDB;")

self.RunCommand(cmd)

def CreateTable2(self):

cmd=("CREATE TABLE IF NOT EXISTS "+self.tableName2+"("

"`vehicle\_no` varchar(15) NOT NULL,"

"`vehicle\_type` varchar(15) NOT NULL,"

"`id\_no` varchar(15) ,"

"`date` date NOT NULL,"

"`time\_in` time NOT NULL,"

"FOREIGN KEY(id\_no,date,time\_in) REFERENCES `person`(`id\_no`,`date`,`time\_in`),"

"PRIMARY KEY(`vehicle\_no`,`id\_no`)"

") ENGINE=InnoDB;")

self.RunCommand(cmd)

def CreateTable3(self):

cmd=("CREATE TABLE IF NOT EXISTS "+self.tableName3+"("

"`id\_no` varchar(15) NOT NULL,"

"`date` date NOT NULL,"

"`time\_in` time NOT NULL,"

"`whom\_to\_visit` varchar(50) NOT NULL,"

"`relationship` varchar(20),"

"`purpose\_of\_visit` varchar(30),"

"FOREIGN KEY(id\_no,date,time\_in) REFERENCES `person`(`id\_no`,`date`,`time\_in`)"

#"PRIMARY KEY(`id\_no`,`date`,`time\_in`)"

") ENGINE=InnoDB;")

self.RunCommand(cmd)

def GetTable1(self):

self.CreateTable1()

return self.RunCommand("SELECT \* FROM %s;" % self.tableName1)

def GetTable2(self):

self.CreateTable3()

return self.RunCommand("SELECT \* FROM %s;" % self.tableName2)

def GetTable3(self):

self.CreateTable3()

return self.RunCommand("SELECT \* FROM %s;" % self.tableName3)

def GetTable1joinTable2(self):

cmd="SELECT p.id\_no,p.id\_type,p.time\_in,p.fname,p.lname,p.sex,p.address,p.mobile\_no,p.landline,v.vehicle\_no,"

cmd+="v.vehicle\_type FROM %s as p left outer join %s as v on p.id\_no=v.id\_no;"%(self.tableName1,self.tableName2)

return self.RunCommand(cmd)

def GetByFname(self,name,date):

cmd="SELECT p.id\_no,p.id\_type,p.time\_in,p.fname,p.lname,p.sex,p.address,p.mobile\_no,p.landline,v.vehicle\_no,"

cmd+="v.vehicle\_type FROM %s as p left outer join %s as v on p.id\_no=v.id\_no WHERE p.fname REGEXP '%s' "%(self.tableName1,self.tableName2,name)

cmd+="AND p.date='%s';"%(date)

return self.RunCommand(cmd)

def GetByLname(self,name,date):

cmd="SELECT p.id\_no,p.id\_type,p.time\_in,p.fname,p.lname,p.sex,p.address,p.mobile\_no,p.landline,v.vehicle\_no,"

cmd+="v.vehicle\_type FROM %s as p left outer join %s as v on p.id\_no=v.id\_no WHERE p.lname REGEXP '%s' "%(self.tableName1,self.tableName2,name)

cmd+="AND p.date='%s';"%(date)

return self.RunCommand(cmd)

def GetByName(self,fname,lname,date):

cmd="SELECT p.id\_no,p.id\_type,p.time\_in,p.fname,p.lname,p.sex,p.address,p.mobile\_no,p.landline,v.vehicle\_no,"

cmd+="v.vehicle\_type FROM %s as p left outer join %s as v on p.id\_no=v.id\_no WHERE p.fname REGEXP '%s' "%(self.tableName1,self.tableName2,fname)

cmd+="AND p.lname REGEXP '%s' AND p.date='%s' "%(lname,date)

return self.RunCommand(cmd)

def GetByAddress(self,address,date):

cmd="SELECT p.id\_no,p.id\_type,p.time\_in,p.fname,p.lname,p.sex,p.address,p.mobile\_no,p.landline,v.vehicle\_no,"

cmd+="v.vehicle\_type FROM %s as p left outer join %s as v on p.id\_no=v.id\_no WHERE p.address REGEXP '%s' "%(self.tableName1,self.tableName2,address)

cmd+="AND p.date='%s';"%(date)

return self.RunCommand(cmd)

def GetByIDNo(self,id\_no,date):

cmd="SELECT p.id\_no,p.id\_type,p.time\_in,p.fname,p.lname,p.sex,p.address,p.mobile\_no,p.landline,v.vehicle\_no,"

cmd+="v.vehicle\_type FROM %s as p left outer join %s as v on p.id\_no=v.id\_no WHERE p.id\_no='%s' "%(self.tableName1,self.tableName2,id\_no)

cmd+="AND p.date='%s';"%(date)

return self.RunCommand(cmd)

def GetLast30Visits(self,date):

cmd="SELECT p.id\_no,p.id\_type,p.time\_in,p.fname,p.lname,p.sex,p.address,p.mobile\_no,p.landline,v.vehicle\_no,"

cmd+="v.vehicle\_type FROM %s as p left outer join %s as v on p.id\_no=v.id\_no WHERE p.date='%s' ORDER BY p.time\_in DESC LIMIT 30;"%(self.tableName1,self.tableName2,date)

return self.RunCommand(cmd)

def GetLast30TwoWheelers(self,date):

cmd="SELECT p.id\_no,p.id\_type,p.time\_in,p.fname,p.lname,p.sex,p.address,p.mobile\_no,p.landline,v.vehicle\_no,"

cmd+="v.vehicle\_type FROM %s as p left outer join %s as v on p.id\_no=v.id\_no WHERE p.date='%s' "%(self.tableName1,self.tableName2,date)

cmd+="and v.vehicle\_type='Motorcycle' ORDER BY p.time\_in DESC LIMIT 30;"

return self.RunCommand(cmd)

def GetLast30FourWheelers(self,date):

cmd="SELECT p.id\_no,p.id\_type,p.time\_in,p.fname,p.lname,p.sex,p.address,p.mobile\_no,p.landline,v.vehicle\_no,"

cmd+="v.vehicle\_type FROM %s as p left outer join %s as v on p.id\_no=v.id\_no WHERE p.date='%s' "%(self.tableName1,self.tableName2,date)

cmd+="and v.vehicle\_type !='Motorcycle' ORDER BY p.time\_in DESC LIMIT 30;"

return self.RunCommand(cmd)

def GetLast30Pedestrians(self,date):

cmd="SELECT p.id\_no,p.id\_type,p.time\_in,p.fname,p.lname,p.sex,p.address,p.mobile\_no,p.landline FROM %s AS p WHERE date='%s' AND id\_no not in"%(self.tableName1,date)

cmd+="( SELECT p.id\_no from %s as p inner join %s as v on v.id\_no=p.id\_no);"%(self.tableName1,self.tableName2)

return self.RunCommand(cmd)

def GetNumberOfPersons(self,date):

cmd="SELECT COUNT(p.time\_in) FROM %s as p WHERE p.date='%s';"%(self.tableName1,date)

return self.RunCommand(cmd)

def GetNumberOfMales(self,date):

cmd="SELECT COUNT(p.time\_in) FROM %s as p where p.sex='male' and p.date='%s';"%(self.tableName1,date)

return self.RunCommand(cmd)

def GetNumberOfFemales(self,date):

cmd="SELECT COUNT(p.time\_in) FROM %s as p where p.sex='female' and p.date='%s';"%(self.tableName1,date)

return self.RunCommand(cmd)

def GetNumberOfStudents(self,date):

cmd="SELECT COUNT(p.time\_in) FROM %s as p where p.id\_type='Student Id' and p.date='%s';"%(self.tableName1,date)

return self.RunCommand(cmd)

def GetNumberOfStaff(self,date):

cmd="SELECT COUNT(p.time\_in) FROM %s as p where p.id\_type='Staff Id' and p.date='%s';"%(self.tableName1,date)

return self.RunCommand(cmd)

def GetNumberOfOutsiders(self,date):

cmd="SELECT COUNT(p.time\_in) FROM %s as p where p.id\_type !='Staff Id' AND p.id\_type!='Student Id' and p.date='%s';"%(self.tableName1,date)

return self.RunCommand(cmd)

def GetColumns1(self):

return self.RunCommand("SHOW COLUMNS FROM %s;" % self.tableName1)

def GetColumns2(self):

return self.RunCommand("SHOW COLUMNS FROM %s;" % self.tableName2)

def GetColumns3(self):

return self.RunCommand("SHOW COLUMNS FROM %s;" % self.tableName3)

def RunCommand(self, cmd):

print ("RUNNING COMMAND: " + cmd)

try:

self.cursor.execute(cmd)

except mysql.connector.Error as err:

print ('ERROR MESSAGE: ' + str(err.msg))

print ('WITH ' + cmd)

try:

msg = self.cursor.fetchall()

except:

msg = self.cursor.fetchone()

return msg

def AddEntryToTable1(self,id\_no,id\_type,fname,lname,sex,address,mobile\_no,landline):

cmd = " INSERT INTO " + self.tableName1 + " (date, time\_in,id\_no,id\_type,fname,lname,sex,address,mobile\_no,landline)"

cmd += " VALUES ('%s', '%s', '%s','%s','%s','%s','%s','%s','%s','%s' );" % (self.date1, self.time,id\_no,id\_type,fname,lname,sex,address,mobile\_no,landline)

self.RunCommand(cmd)

def AddEntryToTable2(self,id\_no,vehicle\_no,vehicle\_type):

cmd="INSERT INTO "+self.tableName2 +"(date,time\_in,id\_no,vehicle\_no,vehicle\_type)"

cmd+="VALUES('%s','%s','%s','%s','%s');"%(self.date1,self.time,id\_no,vehicle\_no,vehicle\_type)

self.RunCommand(cmd)

def AddEntryToTable3(self,id\_no,date1,time,whom\_to\_visit,relationship,purpose\_of\_visit):

cmd="INSERT INTO "+self.tableName3 +"(date,time\_in,id\_no,whom\_to\_visit,relationship,purpose\_of\_visit)"

cmd+="VALUES ('%s','%s','%s','%s','%s','%s');"%(date1,time,id\_no,whom\_to\_visit,relationship,purpose\_of\_visit)

print type(date1)

print type(time)

self.RunCommand(cmd)

def \_\_del\_\_(self):

self.cnx.commit()

self.cursor.close()

self.cnx.close()

##===============================================

##===============================================

if \_\_name\_\_ == '\_\_main\_\_':

db = 'icpms'

tableName1 = 'person'

tableName2='vehicle'

tableName3='purpose'

dbu = DatabaseUtility(db, tableName1,tableName2,tableName3)

# dbu.AddEntryToTable ('testing')

# dbu.AddEntryToTable ('testing2')

#print (dbu.GetColumns())

#print (dbu.GetTable())