import sys

import os

from reportlab import platypus

from reportlab.lib.styles import ParagraphStyle as PS

from reportlab.platypus import SimpleDocTemplate

import MySQLdb as mdb

con <--- mdb.connect('localhost', 'team1', 'test623', 'gwater1');

cur <--- con.cursor()

Get and store the following area indication values in DB

"No big rivers in the surroundings?"

"No big lakes in the surroundings?"

"People solely dependent on Ground Water?"

"People buying water from tankers?"

"Rainfall in the area receding?"

"Greenary areas visibly reduced?"

"Areas Agriculture also depends on Bore water?"

"Areas population raising rapidly?"

"Heavy industrial growth in the area?"

"Area looks like a concrete Jungle?"

Get and store the following observation results in DB

“No.of dried up borewells observation”

“Average Ground water table test”

Get and store the patient details in DB

pid <--- str(self.ui.lineEdit\_3.text())

cur.execute('SELECT count(\*) FROM wtestresults where astd like %s AND (wtestresults.t1 = "P" OR wtestresults.t2 = "P")',['%'+ str(astd) + '%']);

result = cur.fetchall()

for row in result:

tcount = row[0]

# print tcount

cur.execute('SELECT s1,s2,s3,s4,s5,s6,s7,s8,s9,s10 FROM indications where astd like %s ',['%'+ str(astd) + '%']);

result1 = cur.fetchall()

cnt1 = 0

result2 = str(" ")

for row in result1:

if row[0] != 'N':

cnt1 = cnt1+1

result2 = result2 + str(" There are No big rivers in the surroundings ")

if row[1] != 'N':

cnt1 = cnt1+1

result2 = result2 + str(" There are No big lakes in the surroundings ")

if row[2] != 'N':

cnt1 = cnt1+1

result2 = result2 + str(" People solely dependent on Ground Water ")

if row[3] != 'N':

cnt1 = cnt1+1

result2 = result2 + str(" People buying water from tankers")

if row[4] != 'N':

cnt1 = cnt1+1

result2 = result2 + str(" Rainfall in the area receding")

if row[5] != 'N':

cnt1 = cnt1+1

result2 = result2 + str(" Greenary areas visibly reduced")

if row[6] != 'N':

cnt1 = cnt1+1

result2 = result2 + str(" Areas population raising rapidly")

if row[7] != 'N':

cnt1 = cnt1+1

result2 = result2 + str(" Heavy industrial growth in the area? ")

if row[8] != 'N':

cnt1 = cnt1+1

result2 = result2 + str(" Area looks like a concrete Jungle")

if row[9] != 'N':

cnt1 = cnt1+1

result2 = result2 + str(" Areas Agriculture also depends on Bore water")

# print cnt1

if (tcount > 0):

# print "Consult Specialist immediately as +ve test results are there"

result2 = result2 + str("Consult Environmental Specialist immediately as +ve desertation indications are there")

if ((tcount == 0) and (cnt1 > 5)):

# print "Consult Specialist immediately as above mentioned +ve symptoms are there"

result2 = result2 + str("Consult Environmental Specialist immediately as +ve desertation indications are there")

if ((tcount == 0) and (cnt1 <= 5)):

# print "Consult Specialist as above mentioned +ve symptoms are there"

result2 = result2 + str("Consult Environmental Specialist as +ve deforestation are there")

items = []

items.append(platypus.Paragraph(result2,PS('body')))

doc = SimpleDocTemplate('gwaterrep1.pdf')

doc.multiBuild(items)