



Frail Tails

Riya Verma, XII B



Acknowledgement

Certificate



Index

- ✓ Introduction
- ✓ Feasibility Assessment
- ✓ Need of the project
- ✓ Future scope
- ✓ Detailed Design
- ✓ Output
- ✓ Python Code
- ✓ Bibliography

Introduction



Are you one of those dog lovers who wish to pet one but is not able to? Ever thought to shower this love, on that little innocent one that every day roams in front of your house with an expectation that you will help him/her out? If not, then you must give it a thought. If yes, then this project is something you would love.



Feasibility Assessment

35 M Stray dogs in India

5.7 Lacs Stray dogs in India (as per few year back count)

Municipality, Delhi has identified, Sterilized Stray Dogs

Court Cases – Restricting feed

Hungry dogs can be more offensive

High number of Dog Lovers

No Structured way to Feed Stray Dogs

No Places Identified to feed Dogs

Need of the Project

Dogs, one of the most common living beings we see around us. India estimates to have around 60 – 65 million dogs comprising of both stray and pet. Out of this more than half, i.e., approximately 35 million are stray dogs.

Pet parents are always there for their dogs to fulfill all their needs. But these 35 million street dogs live without any shelter, scarce food and water. Due to this, every year we lose 10,000 of them. A bond between them and us is a wish from both sides, non-pet-parents and these little homeless creatures . When this topic reached to the supreme court, this what they had to say:

Keeping this in mind, this project aims to become an aid in this new order. It tries to create the **Human-Canine-Bond**.

SC paves way for feeding stray dogs in colonies

NEW DELHI: The Supreme Court on Thursday vacated its stay order on operation of Delhi High Court's order to feed stray dogs in colonies. The apex court said that the HC order came in a hasty manner and was not based on sufficient evidence. The court directed the government to file a report on the matter by July 15.

NEW DELHI: The Supreme Court on Thursday vacated its stay order on operation of Delhi High Court's order to feed stray dogs in colonies. The apex court said that the HC order came in a hasty manner and was not based on sufficient evidence. The court directed the government to file a report on the matter by July 15.

NEW DELHI: The Supreme Court on Thursday vacated its stay order on operation of Delhi High Court's order to feed stray dogs in colonies. The apex court said that the HC order came in a hasty manner and was not based on sufficient evidence. The court directed the government to file a report on the matter by July 15.

SC vacates stay on HC order giving right to citizens to feed stray dogs

New Delhi: The Supreme Court on Thursday vacated its interim stay order on operation of Delhi High Court verdict which had held that community dogs have the right to food and citizens have the right to feed them and had framed guidelines on feeding stray dogs. Two-and-a-half months after passing the interim order, the apex court allowed the operation of Delhi High Court by vacating its stay order. While disposing of the appeal against HC order, a bench of Justices U U Lalit, S Ravindra Bhat and Sudhanshu Dhulia said that petitioner

can approach HC in case of any grievances. It also pointed out that in view of many important matters pending those matters needed to be given priority. The apex court had on March 4 passed the interim order and sought response from Animal Welfare Board of India and Delhi government on appeal against HC order.

The HC had in July said it had said that community dogs have the right to food and citizens have the right to feed community dogs but in exercising this right, they should not impinge upon the rights of others. The



have a right under law to
feed the dogs in colonies
in public places
as the several
courts including the Al-
lahabad High Court have
allowed the Supreme Court's
order on the same issues bet-
ween residents and dog
feeders and asked parties to
approach the open court.

7



Future Scope & Long Term Vision

To Create a Collaboration Platform for all Dog Lovers

To get Stray Dogs fed enough, to reduce Dog Bite Cases

To engage with government, municipalities to identify locations for feeding, and dog's care

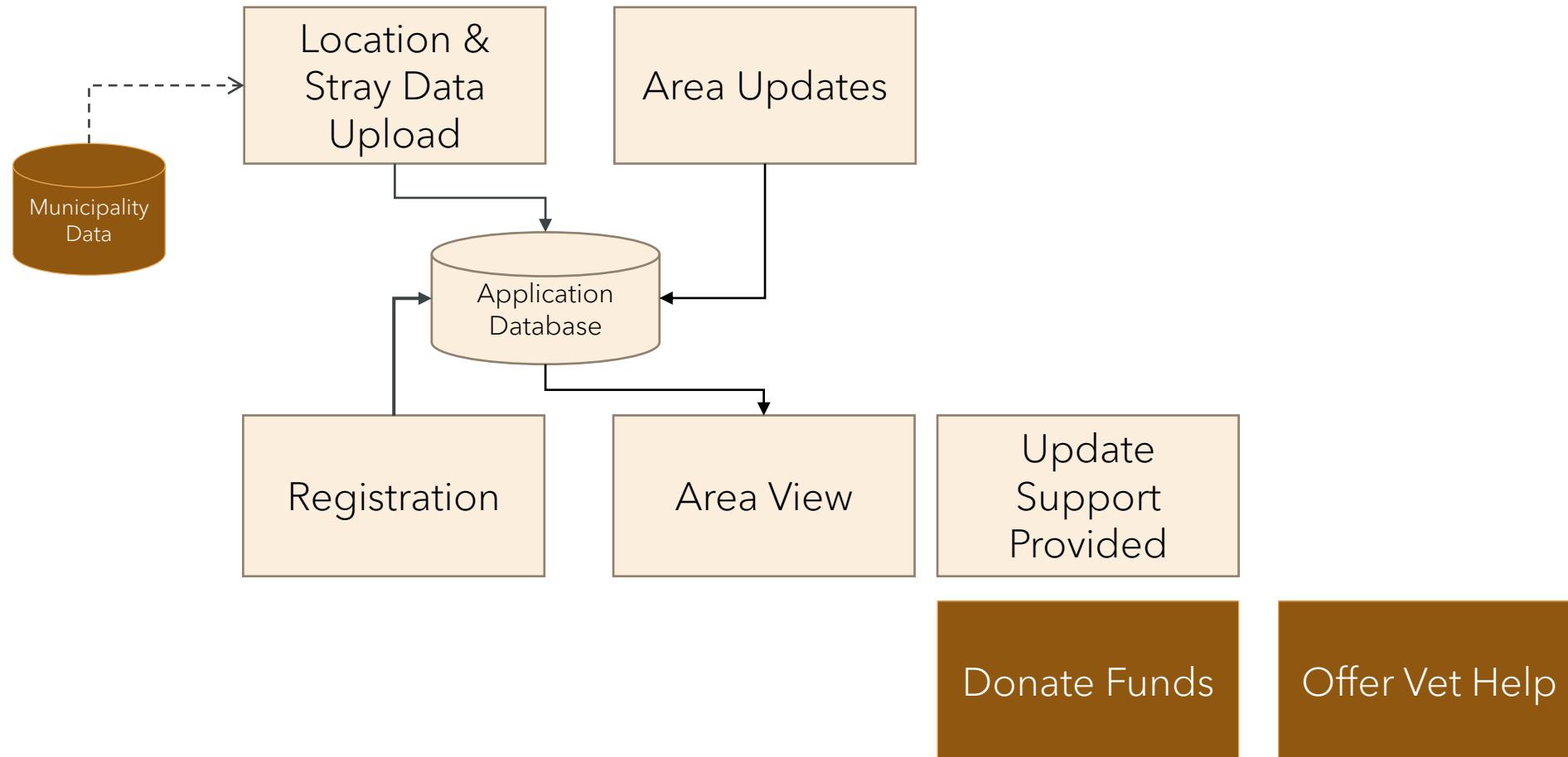
Future Scope - Phasing

Prototyping	Minimum Viable Product	Versions - Update & Upgrades
<ul style="list-style-type: none">• Demonstrating Purpose of Project by capturing Location & feeders data• View to feeder for unserved locations	<ul style="list-style-type: none">• Working system with all inputs outputs• Geofencing of area and search through google maps etc• Real time updates• Registered feeders and unregistered feeders (by site survey)• Daily update of food, water & milk served/ not served at site• Alarms and message to feeders• More detailed functionality• Mobile app and Portal (for laptop users)	<ul style="list-style-type: none">• Regular software Update & Upgrades• On multiple clouds• Advertisements of Pet Consumable and doctors for income



Detailed Design

Processes & Service



Prototype

Roadmap



FRAIL TAILS

Welcome Dog Lovers TO THE WORLD OF STREET DOGS



+91 <MOBILE NUMBER>

- I agree to the Terms and Conditions and Privacy Policy

Click to proceed

Skip to proceed



FRAIL TAILS

Member Registration

Your registered mobile number	<input type="text"/> < >
Your Pin code	<input type="text"/> < >
Create Password **	<input type="text"/> < >
Re-enter password **	<input type="text"/> < >
Email Id	<input type="text"/> < . com >
Are you a veterinary doctor	<input type="text"/> < Y / N >
Can you provide funds for this initiative	<input type="text"/> < Y / N >
Can you invest time in updating about street dogs on daily basis	<input type="text"/> < Y / N >
Any suggestions to improve this initiative	<input type="text"/> <Open Box for remarks (500 char)>
Upload photo of dogs in your area**	<input type="text"/> < Upload (Max size 1MB)>

** Currently not in prototype, but as a feature its shall be captured in future



FRAIL TAILS

Stray Location Master

Location Name *	<input type="text"/> < >
Pin code *	<input type="text"/> < >
Landmark (colony name, School or any other) *	<input type="text"/> < >
No of Stray Dogs on Street *	<input type="text"/> < >
Is Municipality defined Area for Feeding *	<input type="text"/> < Y / N >
Exact location of Feeding Point (Google Map**) *	<input type="text"/> < >
Number of Food Pots	<input type="text"/> < # # >
Number of Water Pots	<input type="text"/> < # # >
Number of Milk Pots	<input type="text"/> <##>
Remarks	<input type="text"/> < >

* The first Six field shall be pulled from Municipality data in future (Roadmap)

** Currently not in prototype, but as a feature its shall be captured in future



FRAIL TAILS

Search/ View for Feeder

Your area <Pin code>

Vision : To have zero stray dogs unattended

Strategy : Use digital platform Frail Tails to bring all helping hand together

WHERE WE ARE TODAY

Dogs on street : <no. of dogs registered>

Helping Hands: <no. of people registered>

Food Pots : <>

Water Pots : <>

Milk Pots : <>

No. of Doctors : <no. of Doctors registered>

Database Design

Registered_Users

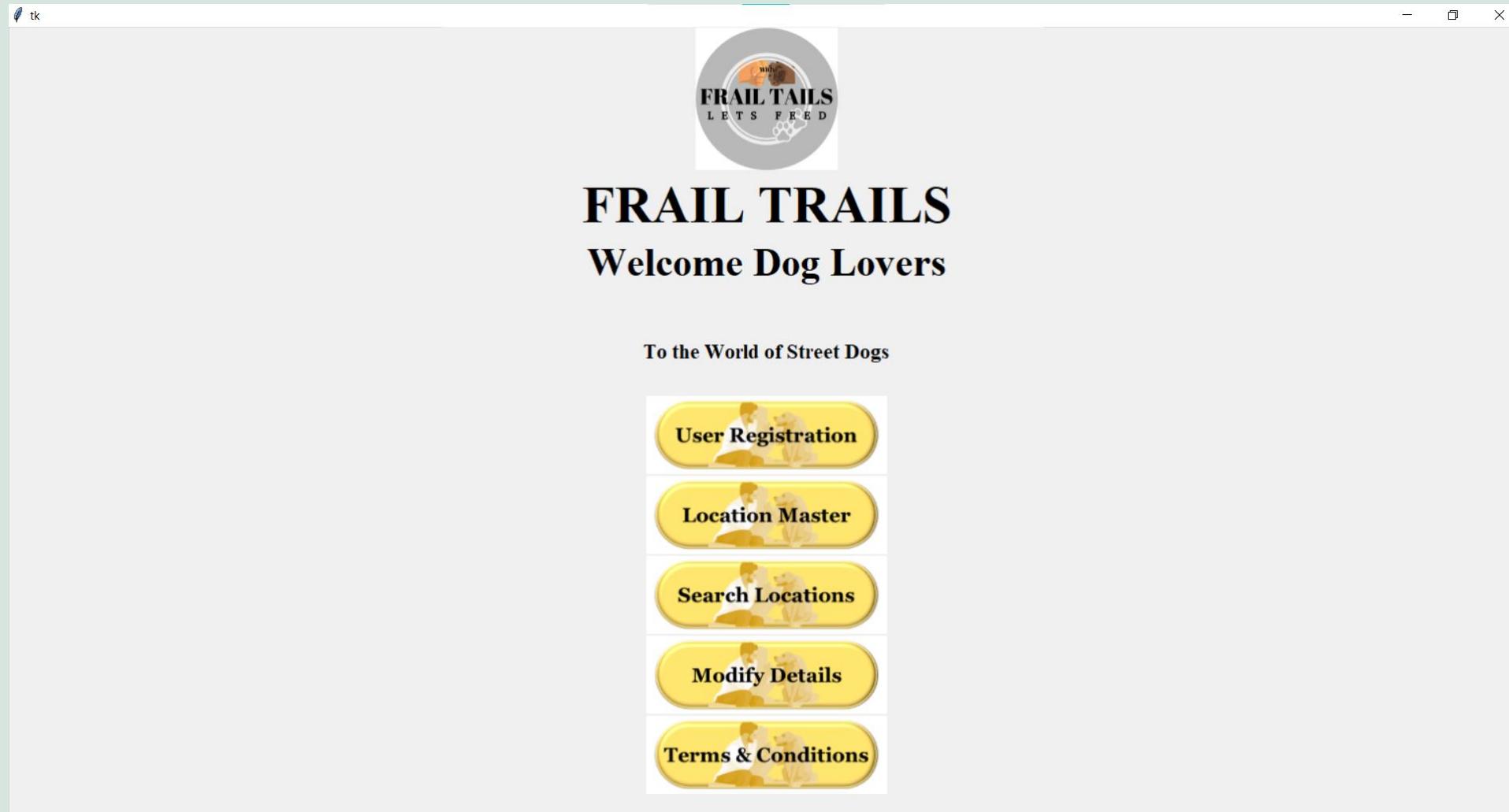
Field	Type	Length
Mobile Number	Numeric	10
Name	Alpha	30
Email-Id	Alphanumeric	Var
IsFeeder	Alpha	1
IsVetDoc	Alpha	1
IsFundDoner	Alpha	1
IsVetCarer	Alpha	1
Suggestion	Alphanumeric	Var

Location_master

Field	Type	Length
PIN Code	Numeric	6
Area Name	AlphaNumeric	20
Feeding_point	Alpha	1
Lat Long	AlphaNumeric	20
Feeder_count	Numeric	2
Food_Pots	Numeric	2
Water_Pots	Numeric	2
Milk Pots	Numeric	2



Output of Executed code



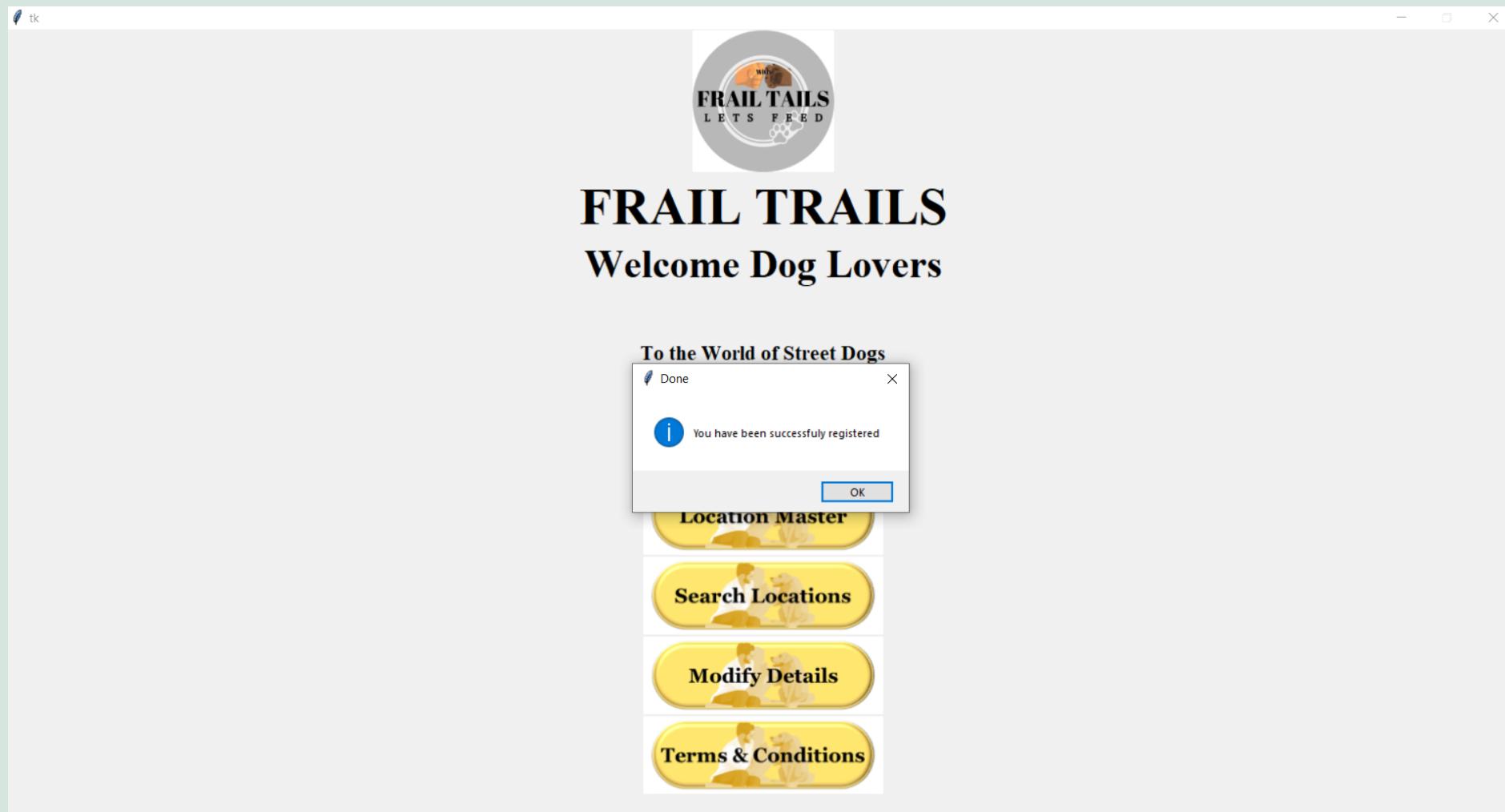
tk

FRAIL TRAILS

Welcome Dog Lovers

REGISTER YOURSELF

Mobile #	<input type="text" value="9999922222"/>
Name	<input type="text" value="Shyam Lal"/>
eMAIL Id	<input type="text" value="sl@gmail.com"/>
Will feed street dogs	<input type="text" value="Y"/>
Are you a Vet Doctor	<input type="text" value="N"/>
Can you Provide Funds	<input type="text" value="N"/>
Can you Invest Time	<input type="text" value="Y"/>
Any Suggestions	<input type="text" value="6 am to 10 am"/>



MySQL Workbench

Local instance MySQL80

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

riya

- Tables
- Views
- Stored Procedures
- Functions

sakila

straydag

straydog

- Tables
- locmaster
- ruser

 - Columns
 - Indexes
 - Foreign Keys
 - Triggers

- Views
- Stored Procedures
- Functions

sys

world

Administration Schemas

Information

Table: ruser

Columns:

mobileno	char(10) PK	name	char(50)	emailId	char(30)	isfeeder	char(1)	isVetDoc	char(1)	isFundDoner	char(1)	isVetCare	char(1)	remarks	varchar(200)
9824517123	Jasmine		jas@yahoo.com			Y		N		Y		Y		N	
9876212900	Heena		heena@gmail.com			Y		Y		Y		Y		N	
9999911111	Ramnath		rn@gmail.com			Y		Y		N		Y		morning 8 to 10 am	
9999922222	Shyam Lal		sl@gmail.com			Y		N		N		Y		6 am to 10 am	
9999999900	ITL		Itl@gmail.com			N		N		Y		N		Donation <10000 pm	
HULL	HULL		HULL			HULL		HULL		HULL		HULL		HULL	

Result Grid | Filter Rows: | Edit: | Export/Import: | Wrap Cell Content: | Result Grid | Form Editor | Field Types

mobileno	name	emailId	isfeeder	isVetDoc	isFundDoner	isVetCare	remarks
9824517123	Jasmine	jas@yahoo.com	Y	N	Y	Y	N
9876212900	Heena	heena@gmail.com	Y	Y	Y	Y	N
9999911111	Ramnath	rn@gmail.com	Y	Y	N	Y	morning 8 to 10 am
9999922222	Shyam Lal	sl@gmail.com	Y	N	N	Y	6 am to 10 am
9999999900	ITL	Itl@gmail.com	N	N	Y	N	Donation <10000 pm
HULL	HULL	HULL	HULL	HULL	HULL	HULL	HULL

Action Output

#	Time	Action	Message	Duration / Fetch
1	07:10:49	SELECT * FROM straydog.locmaster LIMIT 0, 1000	3 row(s) returned	0.000 sec / 0.000 sec
2	10:11:14	SELECT * FROM straydog.locmaster LIMIT 0, 1000	3 row(s) returned	0.015 sec / 0.000 sec
3	10:12:50	SELECT * FROM straydog.locmaster LIMIT 0, 1000	3 row(s) returned	0.000 sec / 0.000 sec
4	10:41:37	SELECT * FROM straydog.ruser LIMIT 0, 1000	6 row(s) returned	0.000 sec / 0.000 sec

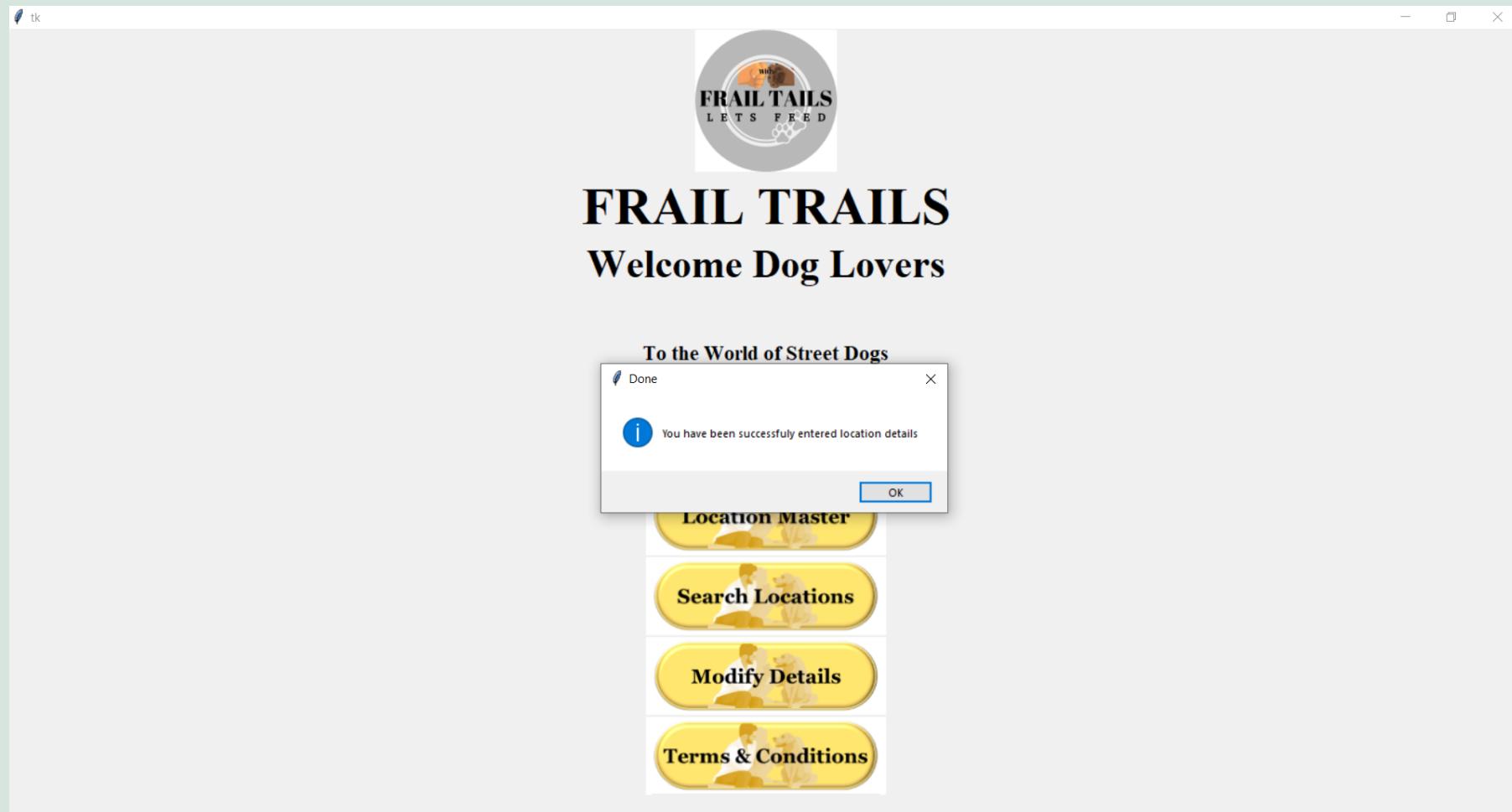
Object Info Session

tk

FRAIL TRAILS

ENTER LOCATION DETAILS

Pin Code	<input type="text" value="110055"/>
Area Name	<input type="text" value="Janakpuri"/>
Is this MCD Feeding point	<input type="text" value="Y"/>
Enter Lat Long of the point	<input type="text" value="123,200"/>
Enter count of Feeders as of now	<input type="text" value="12"/>
Enter number of Food Pots	<input type="text" value="0"/>
Enter number of Water Pots	<input type="text" value="5"/>
Enter number of Milk Pots	<input type="text" value="4"/>



MySQL Workbench

Local instance MySQL80

File Edit View Query Database Server Tools Scripting Help

Navigator: Query 1 locmaster locmaster locmaster locmaster ruser locmaster locmaster

1 • `SELECT * FROM straydog.locmaster;`

SCHEMAS

riya

- Tables
- Views
- Stored Procedures
- Functions

sakila

straydag

straydog

- Tables
- locmaster
- Columns
- Indexes
- Foreign Keys
- Triggers

- ruser
- Columns
- Indexes
- Foreign Keys
- Triggers

- Views
- Stored Procedures
- Functions

svs

Administration Schemas

Information:

Table: locmaster

Columns:

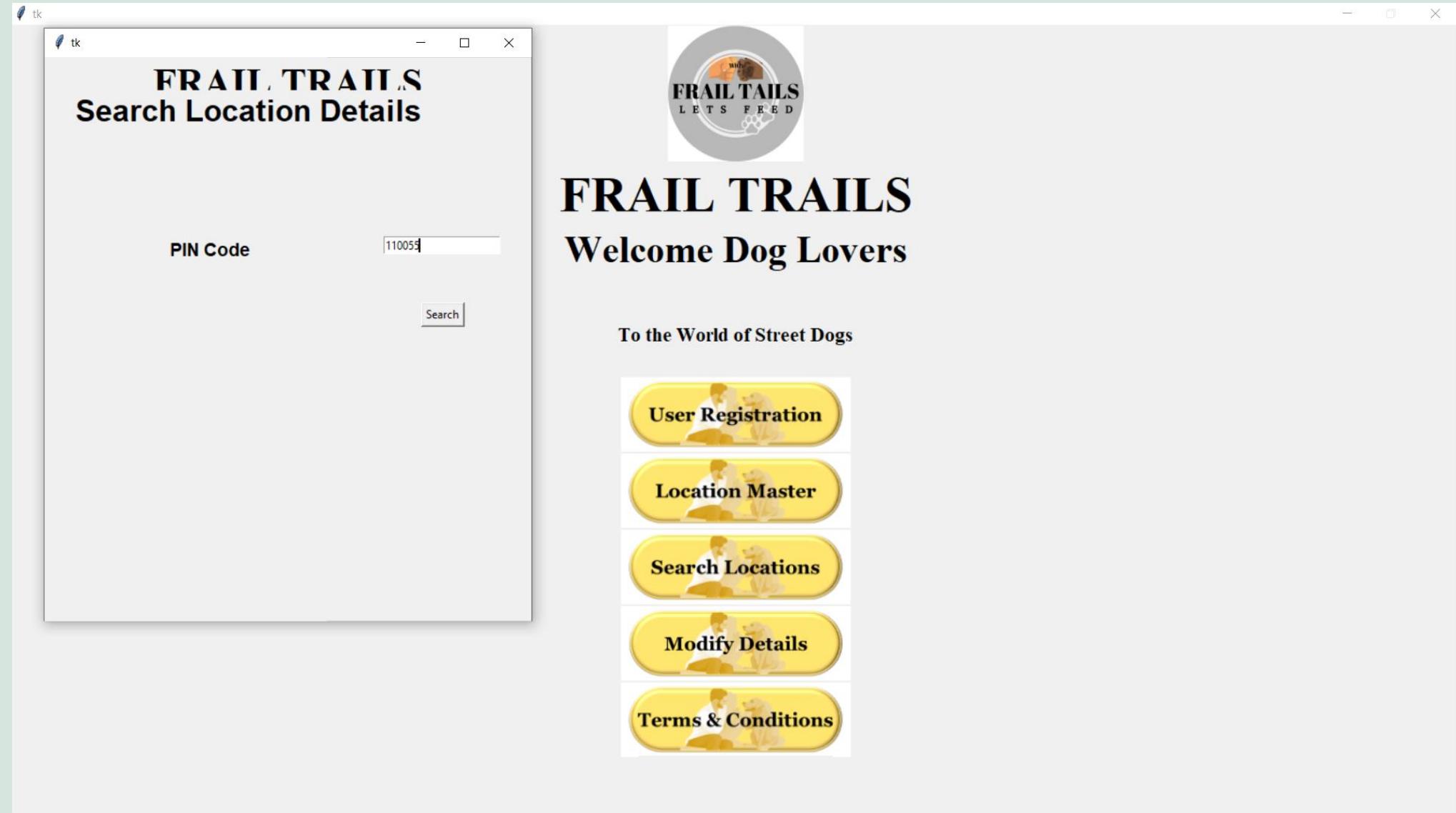
pincode	areaname	feedingpoint	latlong	feedercount	foodpots	waterpots	milkpots
110011	CP	N	121,121	102	2	7	2
110055	Janakpuri	Y	123,200	12	0	5	2
110070	Vasant Kunj	Y	115,123	9	3	2	2
110077	Dwarka	Y	113,103	5	2	1	1
HULL	HULL	HULL	HULL	HULL	HULL	HULL	HULL

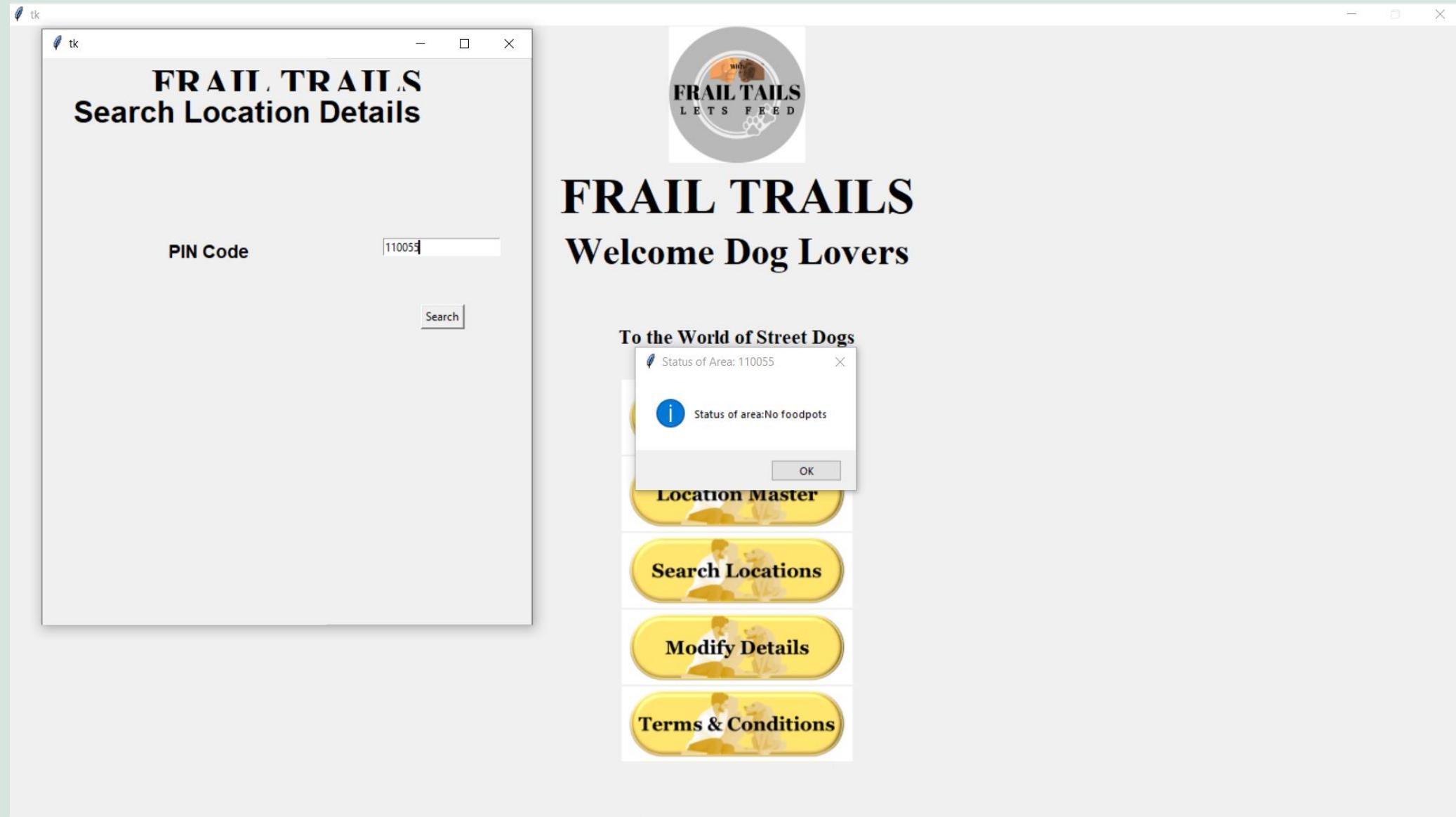
locmaster 1 x

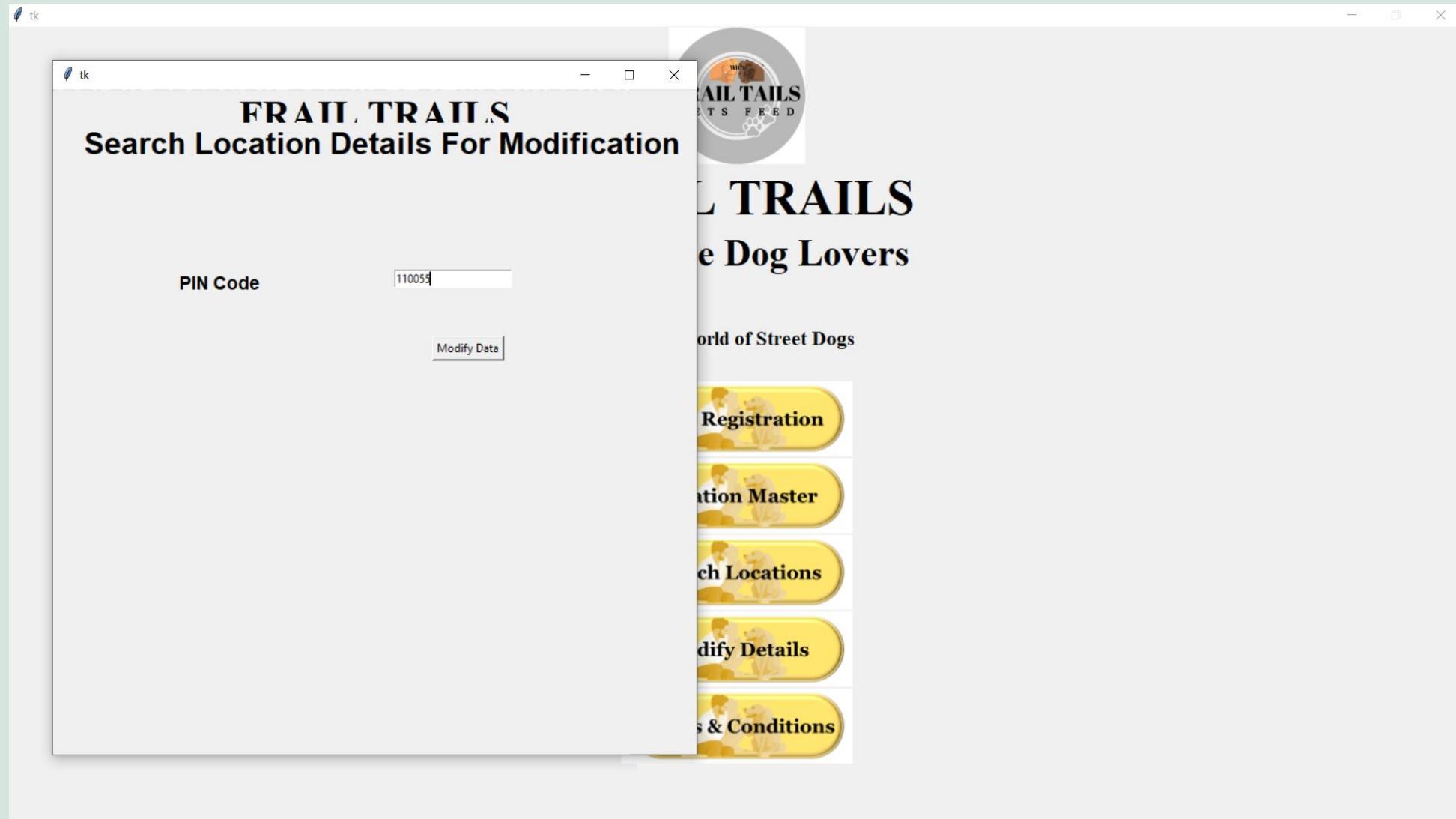
Action Output

#	Time	Action	Message	Duration / Fetch
1	07:10:49	<code>SELECT * FROM straydog.locmaster LIMIT 0, 1000</code>	3 row(s) returned	0.000 sec / 0.000 sec
2	10:11:14	<code>SELECT * FROM straydog.locmaster LIMIT 0, 1000</code>	3 row(s) returned	0.015 sec / 0.000 sec
3	10:12:50	<code>SELECT * FROM straydog.locmaster LIMIT 0, 1000</code>	3 row(s) returned	0.000 sec / 0.000 sec
4	10:41:37	<code>SELECT * FROM straydog.ruser LIMIT 0, 1000</code>	6 row(s) returned	0.000 sec / 0.000 sec
5	10:43:59	<code>SELECT * FROM straydog.locmaster LIMIT 0, 1000</code>	4 row(s) returned	0.000 sec / 0.000 sec
6	10:43:59	<code>SELECT * FROM straydog.locmaster LIMIT 0, 1000</code>	4 row(s) returned	0.000 sec / 0.000 sec

Object Info Session







tk


FRAIL TAILS

FRAIL TRAILS

MODIFY LOCATION DATA FOR THE PIN CODE

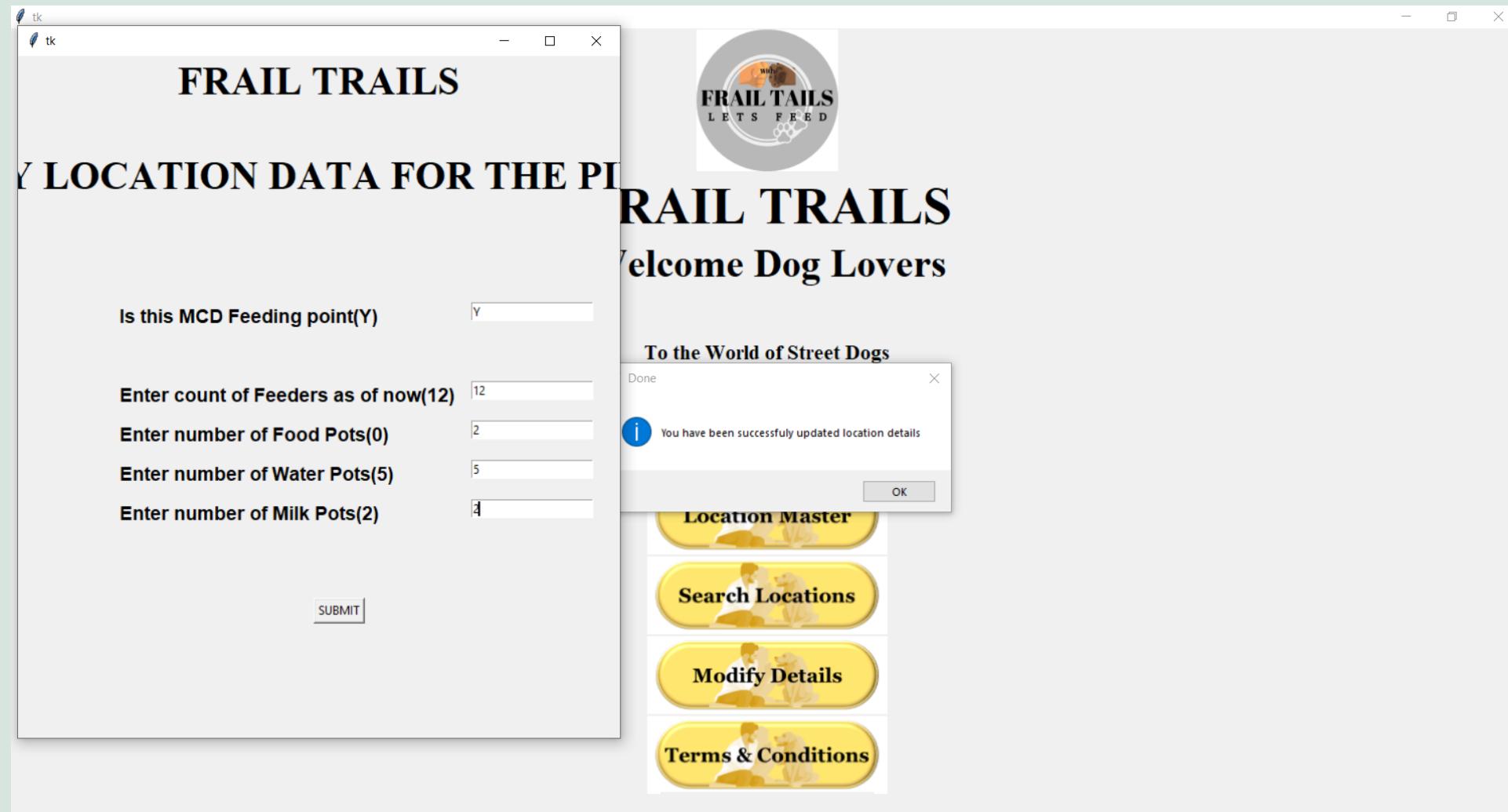
Is this MCD Feeding point(Y)

Enter count of Feeders as of now(12)

Enter number of Food Pots(0)

Enter number of Water Pots(5)

Enter number of Milk Pots(2)



MySQL Workbench

Local instance MySQL80 x

File Edit View Query Database Server Tools Scripting Help

Navigator: locmaster locmaster locmaster locmaster ruser locmaster locmaster locmaster

SCHEMAS

riya

sakila

straydag

straydog

Tables

locmaster

ruser

Views

Stored Procedures

Functions

sys

Administration Schemas

Information

Table: locmaster

Columns:

pincode	char(6) PK
areaname	char(30)
feedingpoint	char(1)
latlong	varchar(15)
feedercount	int
foodpots	int
waterpots	int
milkpots	int

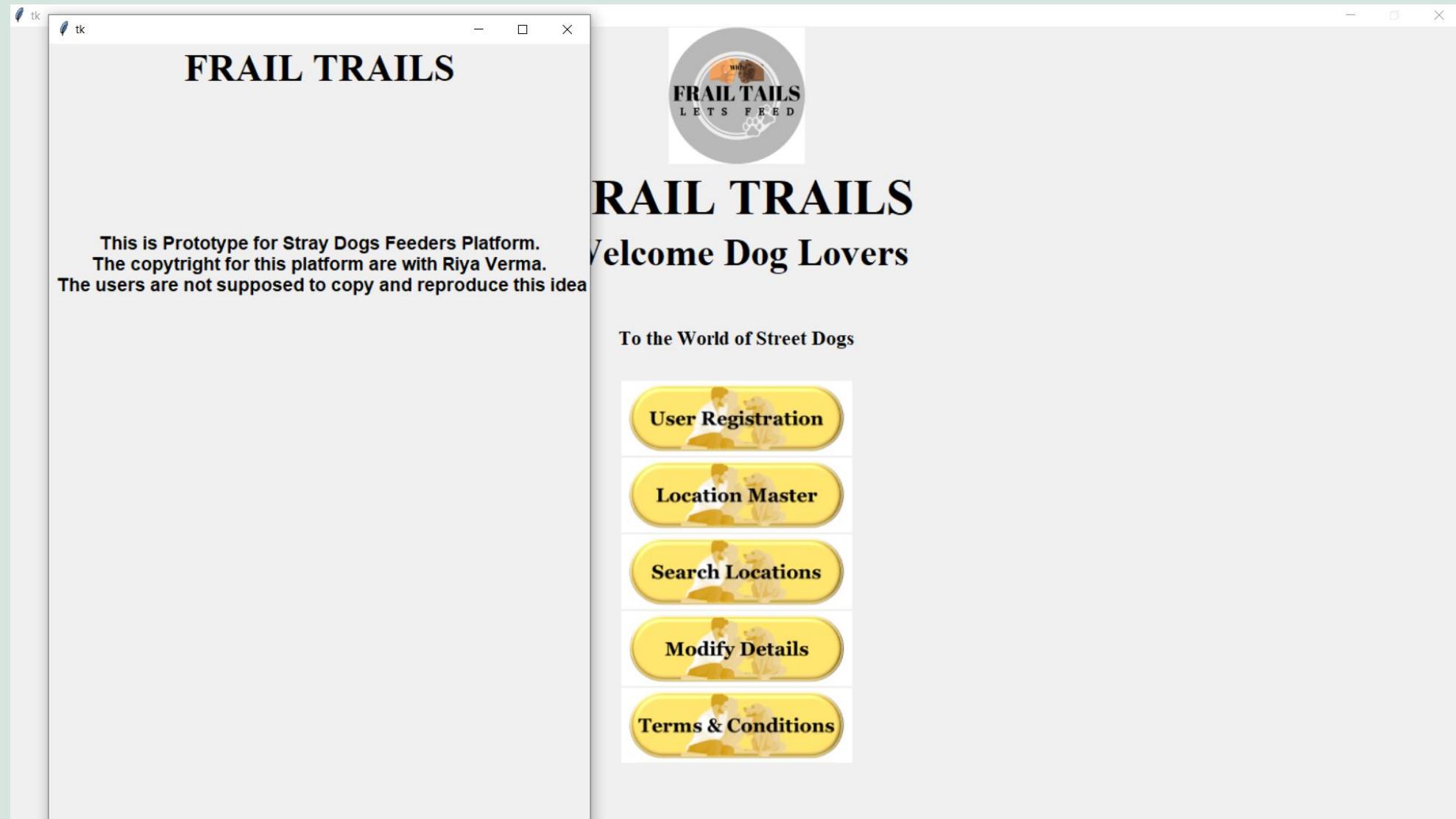
Action Output

#	Time	Action	Message	Duration / Fetch
1	10:11:14	SELECT * FROM straydog locmaster LIMIT 0, 1000	3 row(s) returned	0.015 sec / 0.000 sec
2	10:12:50	SELECT * FROM straydog locmaster LIMIT 0, 1000	3 row(s) returned	0.000 sec / 0.000 sec
3	10:41:37	SELECT * FROM straydog ruser LIMIT 0, 1000	6 row(s) returned	0.000 sec / 0.000 sec
4	10:43:59	SELECT * FROM straydog locmaster LIMIT 0, 1000	4 row(s) returned	0.000 sec / 0.000 sec
5	10:43:59	SELECT * FROM straydog locmaster LIMIT 0, 1000	4 row(s) returned	0.000 sec / 0.000 sec
6	10:43:59	SELECT * FROM straydog locmaster LIMIT 0, 1000	4 row(s) returned	0.000 sec / 0.000 sec
7	10:50:16	SELECT * FROM straydog locmaster LIMIT 0, 1000	4 row(s) returned	0.000 sec / 0.000 sec

Object Info Session

Result Grid | Filter Rows: | Edit: | Export/Import: | Wrap Cell Content: | Result Grid | Form Editor | Field Types

pincode	areaname	feedingpoint	latlong	feedercount	foodpots	waterpots	milkpots
110011	CP	N	121,121	102	2	7	2
110055	Janakpuri	Y	123,200	12	2	5	2
110070	Vasant Kunj	Y	115,123	9	3	2	2
110077	Dwarka	Y	113,103	5	2	1	1
*	HULL	NULL	NULL	NULL	NULL	NULL	NULL





Python Code

Frail Tails Prototype

Connecting with Database & DB Structure Creation

```
import tkinter.messagebox
from PIL import ImageTk, Image
from tkinter import *
import mysql.connector as sqlcon
import random as rd  # may be used

#connection
con = sqlcon.connect(host="localhost", user="root", password="Flat@162")
cur = con.cursor()
cur = con.cursor(buffered=True)
if (con):
    # Carry out normal procedure
    print ("DB connection successful")
else :
    print ("Error 01 : Connection unsuccessful")

cur.execute("create database if not exists STRAYDOG")
cur.execute("use STRAYDOG")
cur.execute("create table if not exists RUser"
            "("
            "mobileNo char(10) primary key,"
            "name char(50),"
            "emailId char(30),"
            "isfeeder char(1),"
            "isVetDoc char(1),"
            "isFundDoner char(1),"
            "isVetCare char(1),"
            "remarks varchar(200))")
cur.execute("create table if not exists LocMaster"
            "("
            "pincode char(6) primary key,"
            "areaname char(30),"
            "feedingpoint char(1),"
            "latlong varchar(15),"
            "feedercount int,"
            "foodpots int,"
            "waterpots int,"
            "milkpots int)")
```

Main Menu

```
root=Tk()
photo = PhotoImage(file = r"C:\Users\DELL\Desktop\LOGO.png")
img_label = Label(image = photo)
b=Button(root,image = photo,command=None,borderwidth = 0)
b.pack(side=TOP, padx=0, pady=0)
#
label=Label(root,text="FRAIL TRAILS",font='Times 40 bold')
label.pack(side=TOP, padx=0, pady=0)
label2=Label(root,text="Welcome Dog Lovers\n",font='Times 30 bold')
label2.pack(side=TOP, padx=0, pady=0)
label3=Label(root,text="To the World of Street Dogs\n",font='Times 16 bold')
label3.pack(side=TOP, padx=0, pady=5)
#
reg_but = PhotoImage(file = 'C:\\\\Users\\\\Dell\\\\Desktop\\\\slide1.png')
img_label1 = Label(image = reg_but)
b1=Button(root,image = reg_but,command=register,borderwidth = 0)
b1.pack(side=TOP, padx=0, pady=0)
#
loc_mas = PhotoImage(file = 'C:\\\\Users\\\\Dell\\\\Desktop\\\\slide2.png')
img_label2 = Label(image = loc_mas)
b2=Button(root,image = loc_mas,command=locmaster,borderwidth = 0)
b2.pack(side=TOP, padx=0, pady=0)
#
srch = PhotoImage(file = 'C:\\\\Users\\\\Dell\\\\Desktop\\\\slide3.png')
img_label3 = Label(image = loc_mas)
b3=Button(root,image = srch,command=searchloc,borderwidth = 0)
b3.pack(side=TOP,padx=0, pady=0)
#
add_det = PhotoImage(file = 'C:\\\\Users\\\\Dell\\\\Desktop\\\\slide41.png')
img_label4 = Label(image = add_det)
b4=Button(root,image = add_det,command=addlocdet,borderwidth = 0)
b4.pack(side=TOP, padx=0, pady=0)
#
t_a_c = PhotoImage(file = 'C:\\\\Users\\\\Dell\\\\Desktop\\\\slide5.png')
img_label5 = Label(image = t_a_c)
b5=Button(root,image=t_a_c,command=termscond,borderwidth = 0)
b5.pack(side=TOP, padx=0, pady=0)
label.pack()
frame=Frame(root,height=555, width=595)
frame.pack()
root.resizable(True,True)
root.mainloop()
```

Images Used



Inserting Records in Database

```
#Registration of User
def entry1():
    #registration of dog lovers - feeders, money donors, helping hands etc
    global e1,e2,e3,e4,e5,e6,e7,e8
    p1=e1.get()
    p2=e2.get()
    p3=e3.get()
    p4=e4.get()
    p5=e5.get()
    p6=e6.get()
    p7=e7.get()
    p8=e8.get()

    query='insert into RUser values("{}", "{}", "{}", "{}", "{}", "{}", "{}", "{}")'.format(p1,p2,p3,p4,p5,p6,p7,p8)
    cur.execute(query)
    con.commit()

    tkinter.messagebox.showinfo("Done", "You have been successfully registered")

def entry2():
    #Feeding Location Master - Area, PIN, etc later on base data shall come from MCD
    #NOT UPDATING PROPERLY
    global e21,e22,e23,e24,e25,e26,e27,e28
    p21=e21.get()
    p22=e22.get()
    p23=e23.get()
    p24=e24.get()
    p25=e25.get()
    p26=e26.get()
    p27=e27.get()
    p28=e28.get()

    query='insert into locmaster values("{}", "{}", "{}", "{}", "{}", "{}", "{}", "{}")'.format(p21,p22,p23,p24,p25,p26,p27,p28)
    cur.execute(query)
    con.commit()

    tkinter.messagebox.showinfo("Done", "You have been successfully entered location details")
```

Searching Records in Database

```
def view_data():
    global v1,msg
    v1=s1.get()
    sq='select pincode,feedercount,foodpots,waterpots,milkpots from locmaster where pincode=%s'
    cur.execute(sq,[v1])
    sqr=cur.fetchall()
    l=list(sqr)
    for i in sqr:
        flg=0
        msg="Status of area:"
        if i[1]==0:
            msg=msg+"no feeders\n"
            flg=1
        if i[2]==0:
            msg=msg+"No foodpots\n"
            flg=1
        if i[3]==0:
            msg=msg+"No water pots\n"
            flg=1
        if i[4]==0:
            msg=msg+"No Milk pots\n"
            flg=1
        if flg==0:
            msg=msg+"sufficient resources"

    tkinter.messagebox.showinfo("Status of Area: "+i[0],msg)
```

Updating Records in Database

```
def update1():
    #Updating Location Master - Area, PIN, etc later on base data shall come from MCD
    global pin,e43,e44,e45,e46,e47
    p41=pin
    p43=e43.get()
    p44=e44.get()
    p45=e45.get()
    p46=e46.get()
    p47=e47.get()
    print("pin-",pin, p43, p44,p45, p46,p47)
    query='update locmaster set feedingpoint="{}",feedercount="{}",foodpots="{}",waterpots="{}",milkpots="{}" where pincode="{}"'.format(p43,p44,p45,p46,p47, pin)
    cur.execute(query)
    con.commit()

    tkinter.messagebox.showinfo("Done", "You have been successfully updated location details")
```

User Interface for Registration of Dog Lovers

```
# for Registration of dog lovers
def register():
    global e1,e2,e3,e4,e5,e6,e7,e8
    root1=Tk()

    label1=Label(root1,text="FRAIL TRAILS\n",font='Times 30 bold ')
    label1.pack(side=TOP, padx=0, pady=0)
    label2=Label(root1,text="Welcome Dog Lovers",font='Times 30 bold')
    label2.pack(side=TOP, padx=0, pady=0)
    label3=Label(root1,text="REGISTER YOURSELF",font='arial 16 bold')
    label3.pack(side=TOP, padx=0, pady=0)

    #label4.place(x=30,y=130)
    frame=Frame(root1,height=700,width=200)
    frame.pack()

    #Labels and data entry area

    l1=Label(root1,text="Mobile #",font='arial 14 bold')
    l1.place(x=230,y=190)
    e1=tkinter.Entry(root1)
    e1.place(x=560,y=190)
    l2=Label(root1,text="Name ",font='arial 14 bold')
    l2.place(x=230,y=230)
    e2=tkinter.Entry(root1)
    e2.place(x=560,y=230)
    l3=Label(root1,text="eMAIL Id",font='arial 14 bold')
    l3.place(x=230,y=270)
    e3=tkinter.Entry(root1)
    e3.place(x=560,y=270)
    l4=Label(root1,text="Will feed street dogs",font='arial 14 bold')
    l4.place(x=230,y=310)
    e4=tkinter.Entry(root1)
    e4.place(x=560,y=310)
```

Sample Footer Text

```
    l5=Label(root1,text="Are you a Vet Doctor ",font='arial 14 bold')
    l5.place(x=230,y=350)
    e5=tkinter.Entry(root1)
    e5.place(x=560,y=350)
    l6=Label(root1,text="Can you Provide Funds",font='arial 14 bold')
    l6.place(x=230,y=390)
    e6=tkinter.Entry(root1)
    e6.place(x=560,y=390)
    l7=Label(root1,text="Can you Invest Time",font='arial 14 bold')
    l7.place(x=230,y=430)
    e7=tkinter.Entry(root1)
    e7.place(x=560,y=430)
    l8=Label(root1,text="Any Suggestions",font='arial 14 bold')
    l8.place(x=230,y=470)
    e8=tkinter.Entry(root1)
    e8.place(x=560,y=470)

    b1=Button(root1,text="SUBMIT",command=entry1)
    b1.place(x=600,y=600)

    root.resizable(False, False)
    root1.mainloop()
```

User Interface for Location Details

```
# for Location Master and Stray Dogs Mapping
def locmaster():
    global e21,e22,e23,e24,e25,e26,e27,e28
    root2=Tk()
    label1=Label(root2,text="FRAIL TRAILS\n",font='Times 30 bold ')
    label1.pack(side=TOP, padx=0, pady=0)
    frame=Frame(root2,height=500,width=200)
    frame.pack()
    label4=Label(root2,text="ENTER LOCATION DETAILS",font='arial 20 bold')
    label4.place(x=30,y=130)
    l21=Label(root2,text="Pin Code",font='arial 14 bold')
    l21.place(x=130,y=170)
    e21=tkinter.Entry(root2)
    e21.place(x=460,y=170)
    l22=Label(root2,text="Area Name",font='arial 14 bold')
    l22.place(x=130,y=210)
    e22=tkinter.Entry(root2)
    e22.place(x=460,y=210)
    l23=Label(root2,text="Is this MCD Feeding point",font='arial 14 bold')
    l23.place(x=130,y=250)
    e23=tkinter.Entry(root2)
    e23.place(x=460,y=250)
    l24=Label(root2,text="Enter Lat Long of the point",font='arial 14 bold')
    l24.place(x=130,y=290)
    e24=tkinter.Entry(root2)
    e24.place(x=460,y=290)
    l25=Label(root2,text="Enter count of Feeders as of now",font='arial 14 bold')
    l25.place(x=130,y=330)
    e25=tkinter.Entry(root2)
    e25.place(x=460,y=330)
```

```
l26=Label(root2,text="Enter number of Food Pots",font='arial 14 bold')
l26.place(x=130,y=370)
e26=tkinter.Entry(root2)
e26.place(x=460,y=370)
l27=Label(root2,text="Enter number of Water Pots",font='arial 14 bold')
l27.place(x=130,y=410)
e27=tkinter.Entry(root2)
e27.place(x=460,y=410)
l28=Label(root2,text="Enter number of Milk Pots",font='arial 14 bold')
l28.place(x=130,y=450)
e28=tkinter.Entry(root2)
e28.place(x=460,y=450)

b1=Button(root2,text="SUBMIT",command=entry2)
b1.place(x=100,y=500)

root.resizable(True, True)
root2.mainloop()
```

Searching Location Details

```
# for Find data about Locations short of pots
def searchloc():
    global s1, pin
    root3=Tk()
    label1=Label(root3,text="FRAIL TRAILS\n",font='Times 30 bold ')
    label1.pack(side=TOP, padx=0, pady=1)
    frame=Frame(root3,height=500,width=200)
    frame.pack()
    label2=Label(root3,text="Search Location Details",font='arial 24 bold')
    label2.place(x=30,y=35)

    l31=Label(root3,text="PIN Code ",font='arial 14 bold')
    l31.place(x=130,y=190)
    s1=tkinter.Entry(root3)
    s1.place(x=360,y=190)
    pin=s1.get()
    msg=""
    b31=Button(root3,text='Search',command=view_data)
    b31.place(x=400,y=260)

    root.resizable(False, False)
    root3.mainloop()
```

Procedure for evoking Modification entry

```
# for Mofify details
def addlocdet():
    global s1, pin
    root4=Tk()
    label1=Label(root4,text="FRAIL TRAILS\n",font='Times 30 bold ')
    label1.pack(side=TOP, padx=0, pady=1)
    frame=Frame(root4,height=500,width=600)
    frame.pack()
    label2=Label(root4,text="Search Location Details For Modification",font='arial 24 bold')
    label2.place(x=30,y=35)

    l31=Label(root4,text="PIN Code ",font='arial 14 bold')
    l31.place(x=130,y=190)
    s1=tkinter.Entry(root4)
    s1.place(x=360,y=190)
    pin=s1.get()
    b41=Button(root4,text='Modify Data',command=modify_data)
    b41.place(x=400,y=260)

    root.resizable(False, False)
    root4.mainloop()
```

Modification User Interface with old data populated

```
def modify_data():
    global v1,msg,e41,e43,e44,e45,e46,e47,pin

    v1=s1.get()
    sq='select pincode,feedingpoint,feedercount,foodpots,waterpots,milkpots from locmaster where pincode=%s'
    cur.execute(sq,[v1])
    sqr=cur.fetchall()
    i=list(sqr)

    root41=Tk()
    label1=Label(root41,text="FRAIL TRAILS\n",font='Times 30 bold ')
    label1.pack(side=TOP, padx=0, pady=0)
    lbl12="MODIFY LOCATION DATA FOR THE PIN CODE"+pin+"\n"
    label2=Label(root41,text=lbl12,font='Times 30 bold ')
    label2.pack(side=TOP, padx=0, pady=0)

    frame=Frame(root41,height=500,width=200)
    frame.pack()

    for i in sqr:
        print(i)
        e41=i[0]
        lbl43='Is this MCD Feeding point('+i[1]+)'
        l43=Label(root41,text=lbl43,font='arial 14 bold')
        l43.place(x=100,y=250)
        e43=tkinter.Entry(root41)
        e43.place(x=460,y=250)
        lbl44='Enter count of Feeders as of now('+str(i[2])+")"
        l44=Label(root41,text=lbl44,font='arial 14 bold')
        l44.place(x=100,y=330)
        e44=tkinter.Entry(root41)
        e44.place(x=460,y=330)
        lbl45='Enter number of Food Pots('+str(i[3])+')'
        l45=Label(root41,text=lbl45,font='arial 14 bold')
        l45.place(x=100,y=370)
        e45=tkinter.Entry(root41)
        e45.place(x=460,y=370)
```

```
        e46=tkinter.Entry(root41)
        e46.place(x=460,y=410)
        lbl46="Enter number of Water Pots("+str(i[4])+")"
        l46=Label(root41,text=lbl46,font='arial 14 bold')
        l46.place(x=100,y=410)
        e47=tkinter.Entry(root41)
        e47.insert(0,i[5])
        e47.place(x=460,y=450)

        pin=i[0]
        b41=Button(root41,text="SUBMIT",command=update1)
        b41.place(x=300,y=550)
        exit

    root.resizable(True, True)
    root41.mainloop()
```

Terms & Conditions

```
# View T&C for onboarding
def termscond():

    root5=Tk()
    label51=Label(root5,text="FRAIL TRAILS\n",font='Times 30 bold ')
    label51.pack(side=TOP, padx=0, pady=0)
    lbl52="This is Prototype for Stray Dogs Feeders Platform.\n The copytright for this platform are with Riya Verma. \n The users are not supposed to copy and reproduce this idea"
    label52=Label(root5,text=lbl52,font='arial 14 bold')
    label52.pack(side=TOP,padx=0, pady=100)

    frame=Frame(root5,height=500,width=200)
    frame.pack()
    #T&C File fetch and display

    root.resizable(False, False)
    root5.mainloop()
```

Bibliography

1. Website search for Project data

- <https://www.livemint.com/industry/retail/spike-in-ownership-boosts-pet-care-retail-biz-11632076482359.html#:~:text=and%20anxiety%20issues.-,India%20has%20an%20estimated%20pet%20population%20of%2028%20%80%9329%20million,the%20bulk%20of%20pet%20ownership.>
- <https://timesofindia.indiatimes.com/life-style/relationships/pets/6-facts-about-stray-dogs-in-india/photostory/89346302.cms#:~:text=In%20India%2C%20there%20are%20more,can%20care%20for%20these%20dogs.>
- <https://twitter.com/pfaindia/status/1527560337729343488/photo/1>

2. Books & Reference Material

- Sumita Arora : Computer Science with python
- [Tkinter 8.5 reference: a GUI for Python \(tkdocs.com\)](https://tkdocs.com/tutorial/index.html)