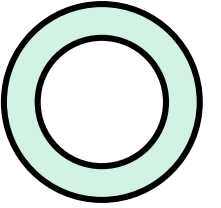
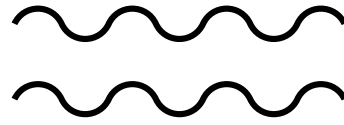


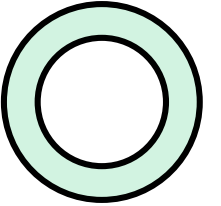
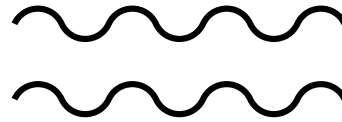
# Introduction



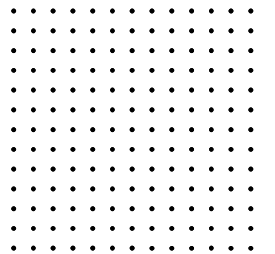
- Facilitate admins to manage the students parcel
- Students will be provided with an ID that can be referenced in Excel to pick up the parcel at the office.
- Parcel arrival in a more efficient and easier way



# Objective



- Develop the system and design the e-parcel system uniciti.
- Develop the system that can keep records of parcels that have arrived safely so that the records can be accessed easily at any time.
- Students do not need to sign on paper to pick up the parcel.



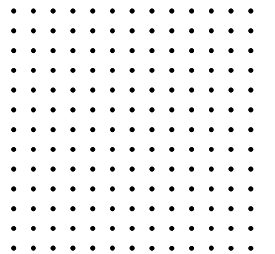
Programming Language that we use for our project 



Python



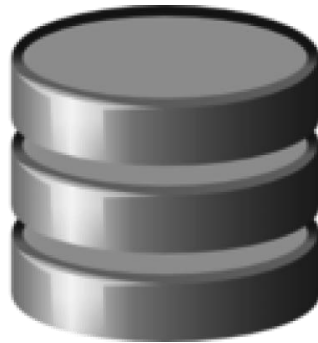
Structured Query Language



# Software that we used to developed the our system



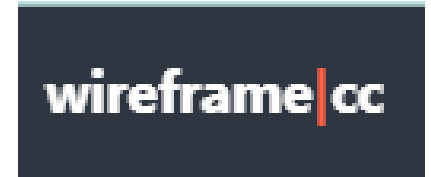
Visual Studio Code



DB Browser lite

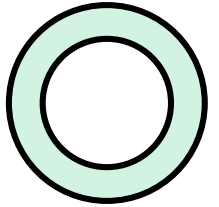
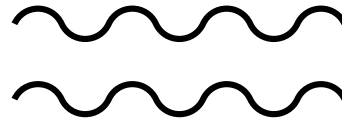


GitHub



Wireframe

# Data Dictionary



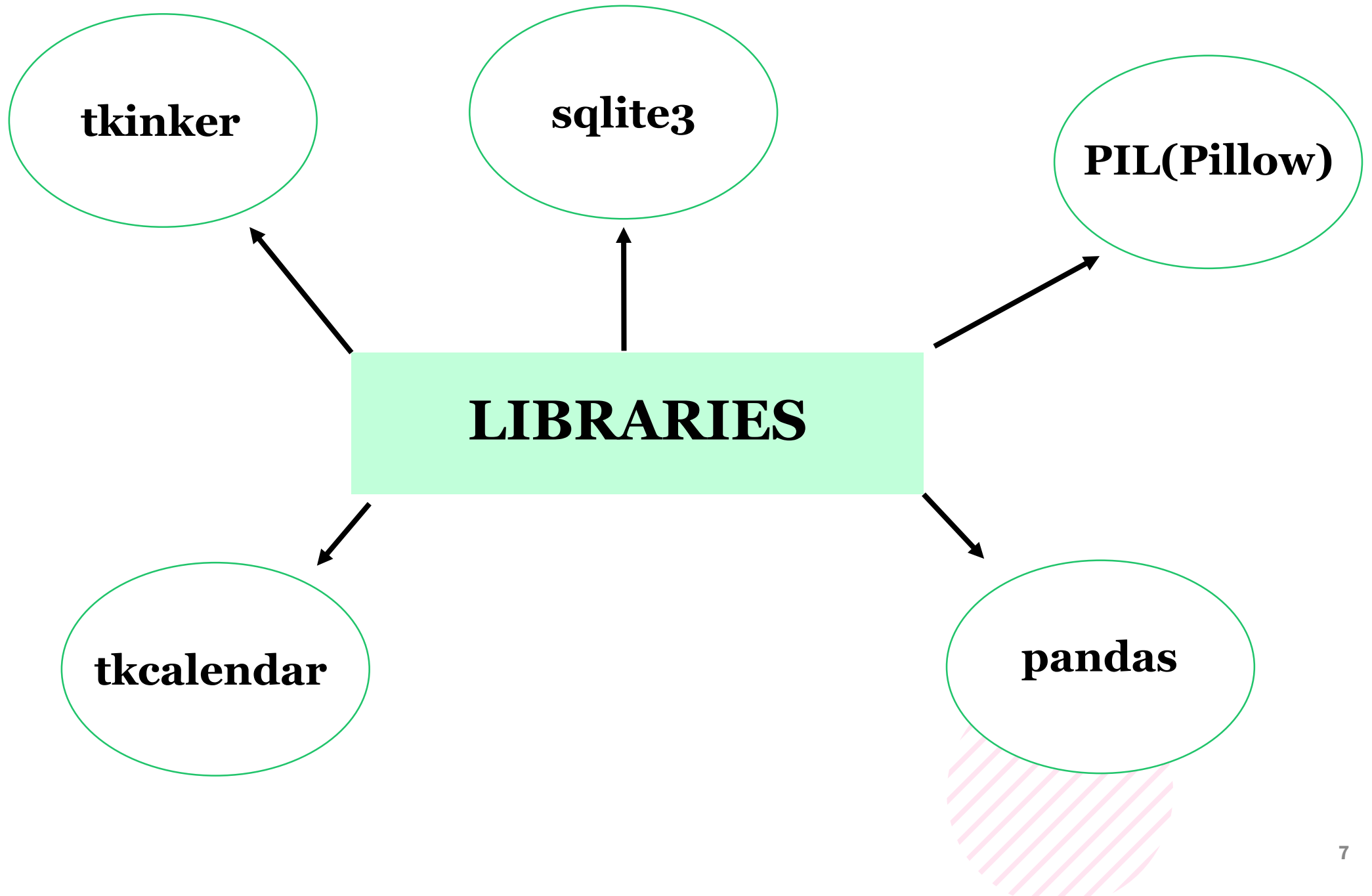
Field Name	Data Type	Constraint	Description
id	INT	Primary Key	Id parcel, it will auto generated and as a id to student to apply their parcel
name	TEXT	Not Null	Name of student's parcel
tracking_number	TEXT	Unique	Tracking number for student's parcel
status	TEXT	Not Null	Status for student's receive parcel or not
date	TEXT		Date when parcel arrived



# System Functionality

- Can use the login function to access the main page
- Can check parcel information via ID
- Can delete data records and modify data if there is an incorrect information on the parcel.
- Can generate records of parcels that arrived that day and it will be converted to excel.






# INTERACTION DESIGN





# LOGIN PAGE

Login e-Parcel



UNIVERSITI  
MALAYSIA  
PERLIS

**SYSTEM E-PARCEL UNICITI**

## ADMIN LOG IN

User

Password

Log In

# MAIN PAGE

Parcel Form CRUD

## e-Parcel System Uniciti

Enter ID

Find

Name	Tracking Number	Status	Date
Piko	74748833	Receive	7/30/22
Irfan	873927493783	Not Receive	7/31/22
Hadif	83849264923	Not Receive	7/31/22
Aidil	986587353	Not Receive	7/31/22
Wan	957667754	Receive	7/31/22
Haziman	84656583	Not Receive	7/31/22

Add New Parcel Delete The Parcel Status Receive Generate to Excel Refresh

ADD NEW PARCEL

Parcel Details

**Adding New Parcel**

Name

Tracking

Date


**Please Save**

# DELETE PARCEL

Parcel Form CRUD

## e-Parcel System Uniciti

Name	Tracking Number	Status	Date
Hadif	83737	Receive	7/30/22
Piko	74748833	Receive	7/30/22



Are You Sure You Want To Delete

Yes No

Add New Parcel Delete The Parcel Status Receive Generate to Excel Refresh

# DELETE PARCEL

Parcel Form CRUD

**e-Parcel System Uniciti**

Name	Tracking Number	Status	Date
Piko	74748833	Receive	7/30/22

Add New Parcel

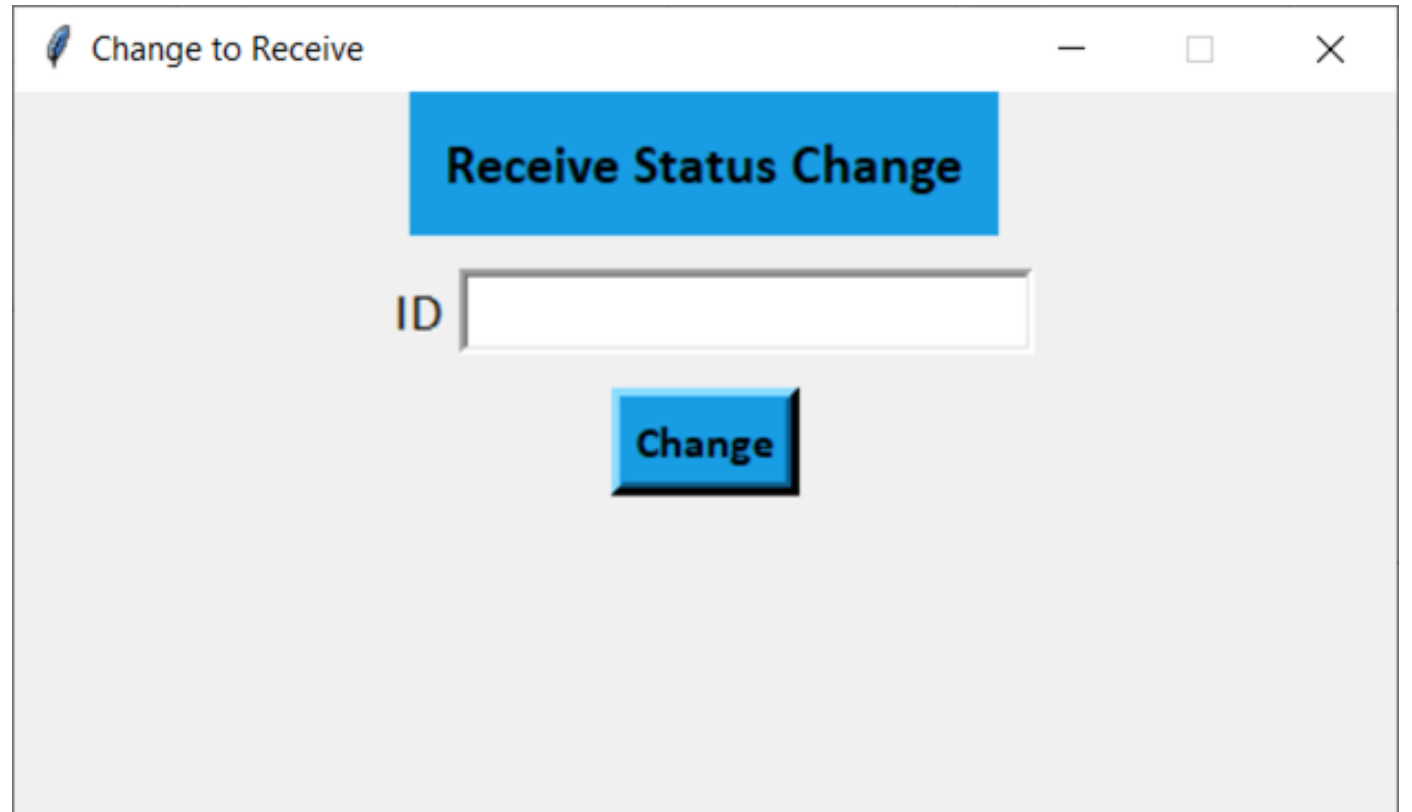
Delete The Parcel

Status Receive

Generate to Excel

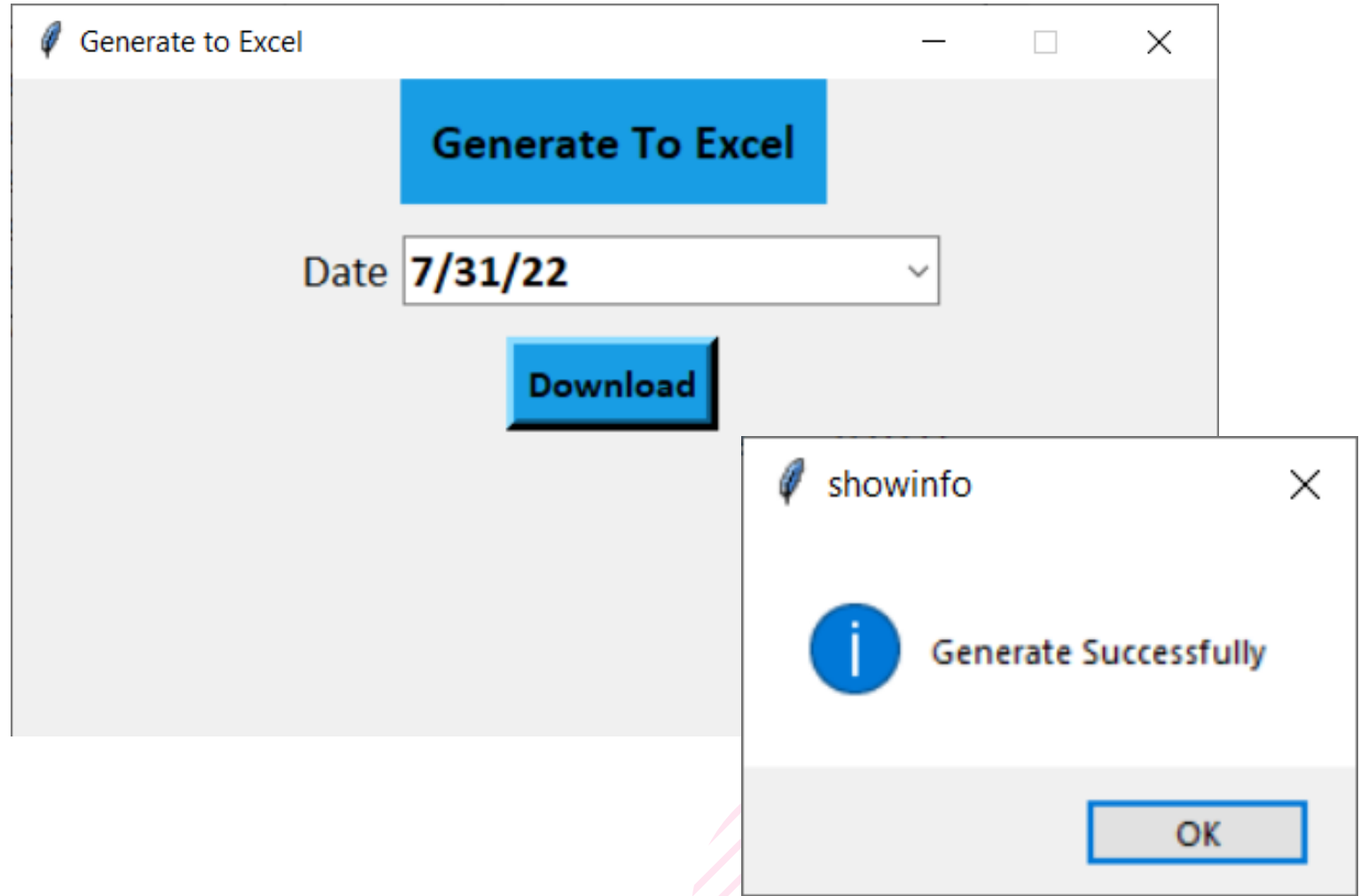
Refresh

# STATUS RECEIVE



A screenshot of a software dialog box titled "Change to Receive". The dialog box has a light gray background and a white title bar with standard window controls (minimize, maximize, close). Inside the dialog, there is a blue rectangular button at the top with the text "Receive Status Change". Below this button is a text input field with the label "ID" to its left. Underneath the input field is another blue rectangular button with the text "Change".

# GENERATE TO EXCEL



# EXCEL FILE

The screenshot shows an Excel spreadsheet with the following data:

	A	B	C	D
	id	name	tracking_number	status
1				
2	23	Irfan	873927493783	Not Received
3	24	Hadif	83849264923	Not Received
4	25	Aidil	986587353	Not Received
5	26	Wan	957667754	Not Received
6	27	Haziman	84656583	Not Received
7	28	Nazrin	785648939	Not Received
8				
9				
10				



# CHANGE PARCEL DETAILS

## e-Parcel System Uniciti

Find

Name	Tracking Number	Status	Date
Piko	74748833	Receive	7/30/22
Irfan	873927493783	Receive	7/31/22
Rafiqul	83849264923	Not Receive	7/31/22
Aidil	986587353	Not Receive	7/31/22
Wan	957667754	Receive	7/31/22
Haziman	84656583	Receive	7/31/22

Parcel Information Information

### Edit the Parcel Information

Name

Irfan

Tracking

873927493783

Date

7/31/22

Edit

Add New Parcel

Delete The Parcel

Status Receive

Generate to Excel

Refresh

# Queries for Add Parcel

```
def Submit():
    z='Not Receive'
    if NAME.get() == "" and TRACKING.get() == "" and DATE.get() == "":
        msgg = tkMessageBox.showerror("showerror", "Please Fill this Form")
    else:
        tree.delete(*tree.get_children())
        connectn = sqlite3.connect("parcel_data.db")
        cursor = connectn.cursor()

        cursor.execute("INSERT INTO `parcelinfo` (name, tracking_number, status, date ) VALUES(?, ?, ?, ?)", (str(NAME.get()), str(TRACKING.get()), str(z), str(DATE.get())))

        connectn.commit()
```

# Queries for Delete Parcel

```
def Delete():
    if not tree.selection():
        msgg = tkMessageBox.showwarning('', 'Please Select the data!', icon="warning")
    else:
        msgg = tkMessageBox.askquestion('', 'Are You Sure You Want To Delete', icon="warning")
    if msgg == 'yes':
        curItem = tree.focus()
        contents = (tree.item(curItem))
        item = contents['values']
        tree.delete(curItem)
    connectn = sqlite3.connect("parcel_data.db")
    cursor = connectn.cursor()
    cursor.execute("DELETE FROM `parcelinfo` WHERE `id` = %d" % item[0])
    connectn.commit()
    cursor.close()
    connectn.close()
```

## Queries for Edit Info Parcel

```
def Update():
    if NAME.get() == "" and TRACKING.get() == "" and DATE.get() == "":
        msgg = tkMessageBox.showwarning('', 'Please Complete The Required Field', icon="warning")
    else:
        tree.delete(*tree.get_children())
        connectn = sqlite3.connect("parcel_data.db")
        cursor = connectn.cursor()
        cursor.execute("UPDATE `parcelinfo` SET `name` = ?, `tracking_number` = ?, `date` = ? WHERE `id` = ?",
            (str(NAME.get()), str(TRACKING.get()), str(DATE.get()), int(id)))
        connectn.commit()
        cursor.execute("SELECT * FROM `parcelinfo` ORDER BY `name` ASC")
        fetchinfo = cursor.fetchall()
        for data in fetchinfo:
            tree.insert('', 'end', values=(data))

        cursor.close()
        connectn.close()
```

# Queries for Search Box using ID Parcel

```
def funFind():
    if FIND.get() == "":
        msgg = tkMessageBox.showwarning('', 'Please Fill', icon="warning")
    else:
        c = FIND.get()
        tree.delete(*tree.get_children())
        connectn = sqlite3.connect("parcel_data.db")
        cursor = connectn.cursor()
        cursor.execute("SELECT * FROM parcelinfo WHERE id =%s" % c)
        fetch = cursor.fetchall()
        for data in fetch:
            tree.insert('', 'end', values=(data))
        cursor.close()
        connectn.close()
```