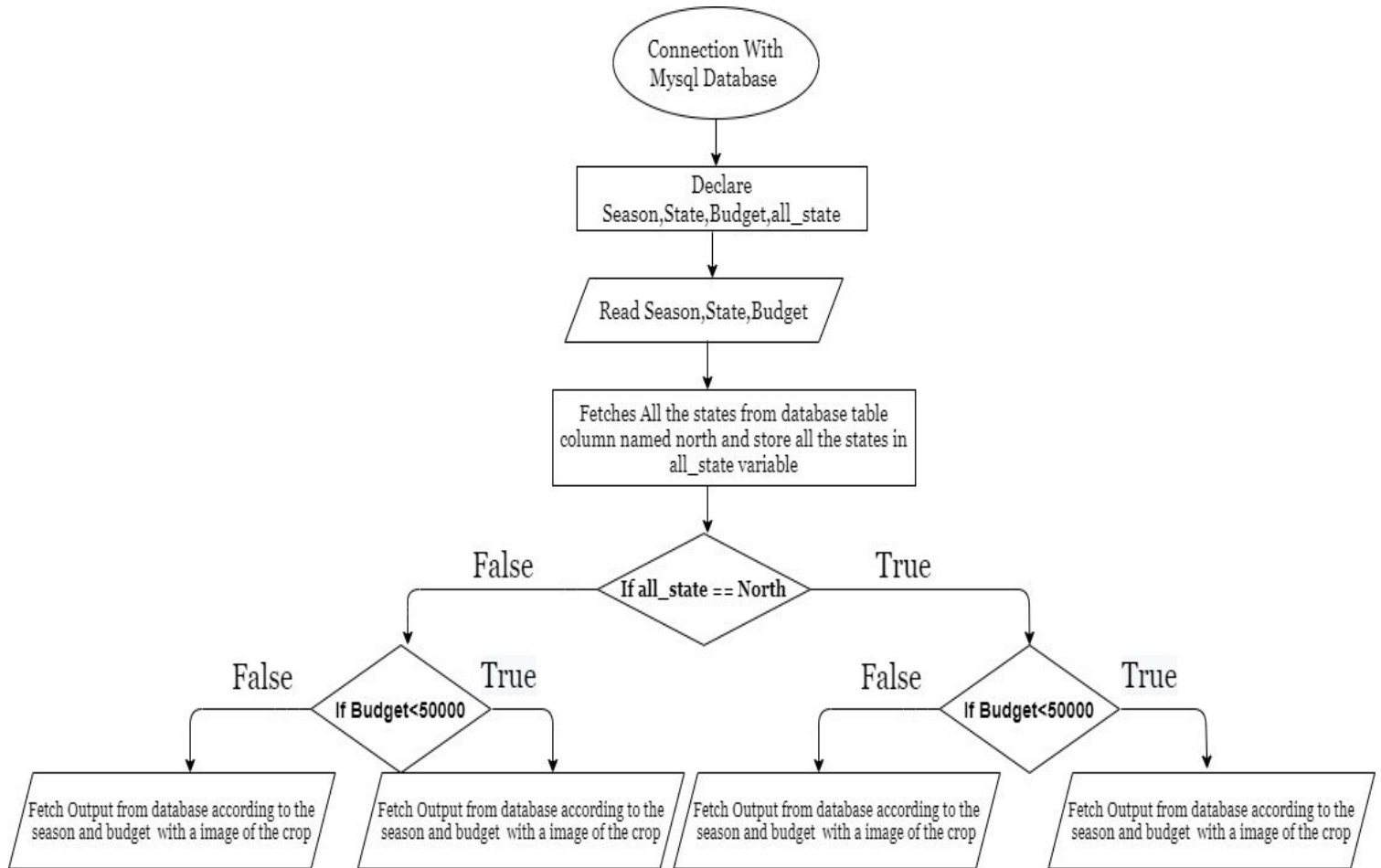


TABLE

Season	North(>=50k & acers>10)	North(<=50k & acers<10)	South(>=50k & acers>10)	South(<=50k & acers<10)
Kharif	Sugarcane	Rice	Cotton	Maize
Rabi	Wheat	Mustard	Banana	Mango
Zaid	Cucumber	Jute	Pumpkin	Tomato

ALGORITHM



SQL TABLES :-

```
SELECT * FROM crop;
```

```
SELECT northern FROM crop where northern is not NULL;
```

```
SELECT southern FROM crop where southern is not NULL;
```

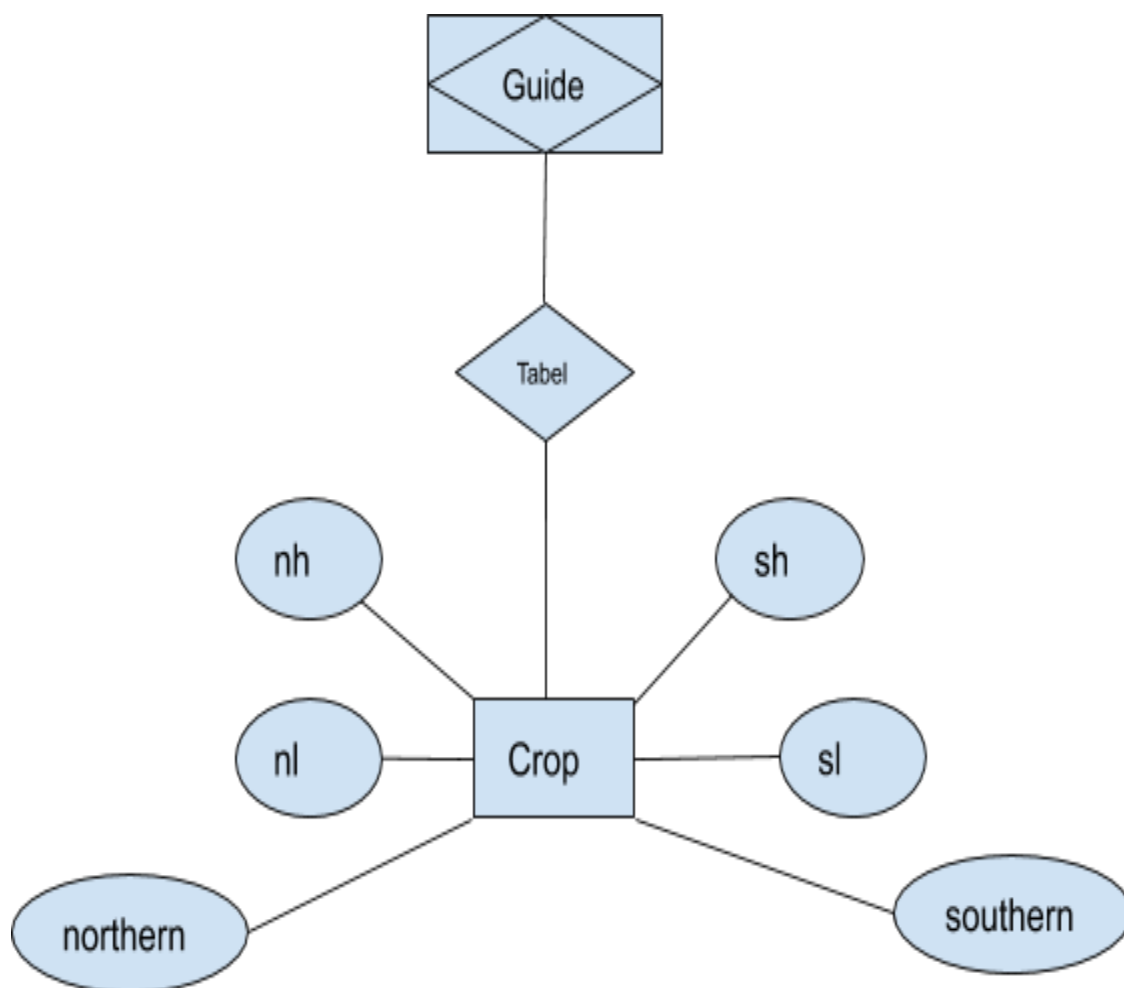
OUTPUTS OF ABOVE QUERY

season	nh	nl	sh	sl
kharif	Sugarcane	Rice	Cotton	Maize
Rabi	Wheat	Mustard	Banana	Mango
zaid	Cucumber	Jute	Pumpkin	Tomato

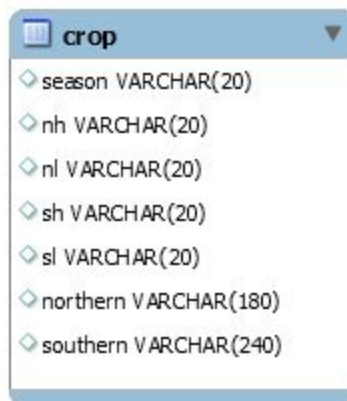
northern
Chandigarh Delhi Haryana Himachal Pradesh Jammu Kashmir Ladakh Punjab Rajasthan Uttarakhand Uttar Pradesh Madhya Pradesh West Bengal Bihar Gujarat

southern
Andhra Pradesh Karnataka Kerala Lakshadweep Puducherry Tamil Nadu Telangana Chennai Bengaluru Hyderabad Kochi Warangal Thiruvananthapuram Coimbatore Visakhapatana.

ER DIAGRAM



EER TABEL



The image shows a screenshot of a database management system window titled "crop". The window displays the definition of a table named "crop" with the following attributes:

Attribute	Data Type
season	VARCHAR(20)
nh	VARCHAR(20)
nl	VARCHAR(20)
sh	VARCHAR(20)
sl	VARCHAR(20)
northern	VARCHAR(180)
southern	VARCHAR(240)

OUTPUTS OF GUI

MainWindow

CROP GUIDE

Season

Kharif

State

Tamil Nadu

Acres

6

Budget

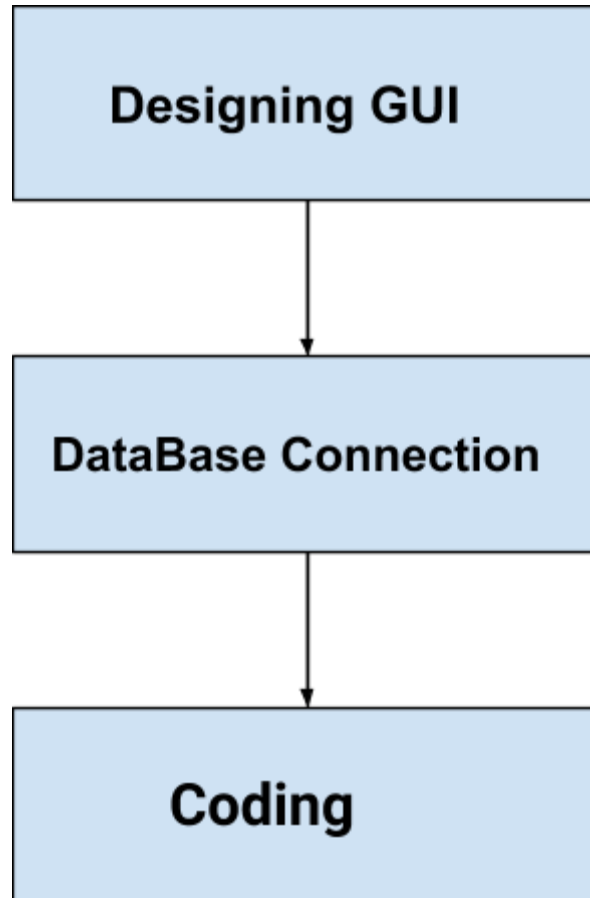
65000

SUBMIT



Pesticides used are herbicides, atrazine

WORKFLOW



Steps To Run The Project

1. Install the modules in "requirements.txt" and run "pip install -r requirements.txt".
2. Install the "Qt-Designer"
<https://build-system.fman.io/qt-designer-download>
2. To run this project unzip the folder named "CropGuide_py".
3. Then run the file named "cropguide.py".
4. To see the database run the file "database.py".
5. To convert the ".ui" file to ".py" use the command In our case

`"pyuic5 -x cropguide.ui -o new cropguide.py"`

In general `"pyuic5 -x filename -o new filename"`