

REAL ESTATE MANAGEMENT SYSTEM

CSE2004- DBMS PROJECT REPORT

(J
Component)

submitted by

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*in partial fulfillment for the award of the degree
of*

B. Tech

in

SCOPE



VIT[®]
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ABSTRACT:

The main purpose of this project is to develop an application interface or software application for managing real estate database helpful for real estate agencies and companies. Even though some technology is developed and available, most real estate companies are still using the traditional way to manage and store data like using documents or storing it in either files or excel sheets. Maintaining these documents and accessing it is difficult and most of the time ,the documents are lost or damaged.

So, it would be better if the humungous data is stored using software rather as it is easy to access and we can also use the data efficiently between clients and agents.

INTRODUCTION:

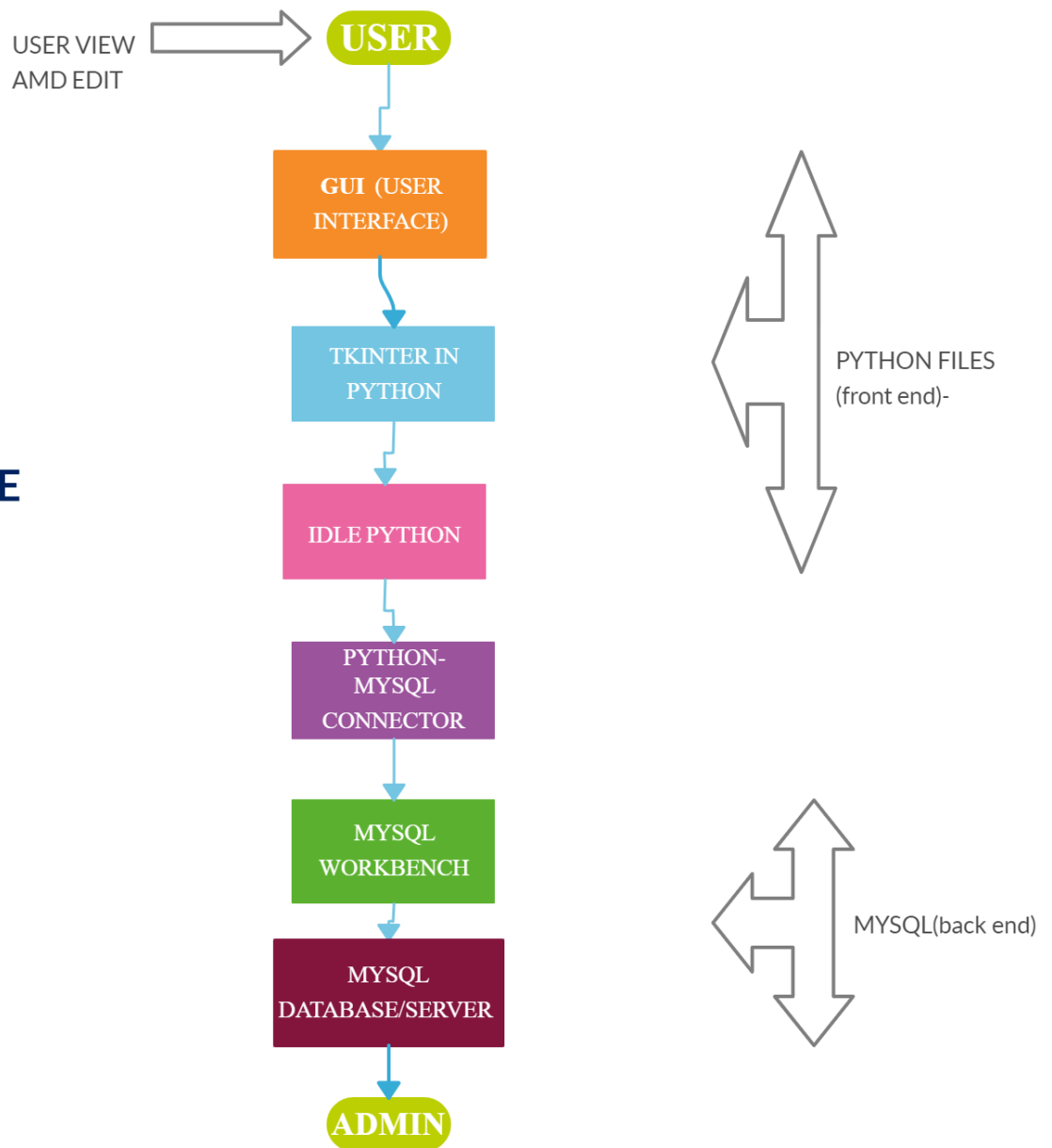
Core statement: This project aims at developing an efficient database management system for real estate industry, client management and maintaining the property details.

Here, the user is allowed a restricted access like he/she can access property information and manage all the mapping ,adding, updating ,deleting the info and so on but only the admin can change or update the info regarding property selling, buying and cancellation because these are sensitive info this cannot be manipulated or modified by anyone other than the authorised ones.

Ultimately, this system is very useful for companies who develop apartments, sites, hotels, villa, commercial properties and also advertise their properties.

SYSTEM ARCHITECTURE:

SYSTEM ARCHITECHTURE DIAGRAM



SOFTWARE REQUIREMENTS:

- 1) Laptop with 4Gb RAM ,500Gb Hard disk ,i5 Processor

Front End:

- 2) Python 2.x or 3.x with Tkinter

Back End:

- 3) MySQL Database

- 4) MySQL Workbench

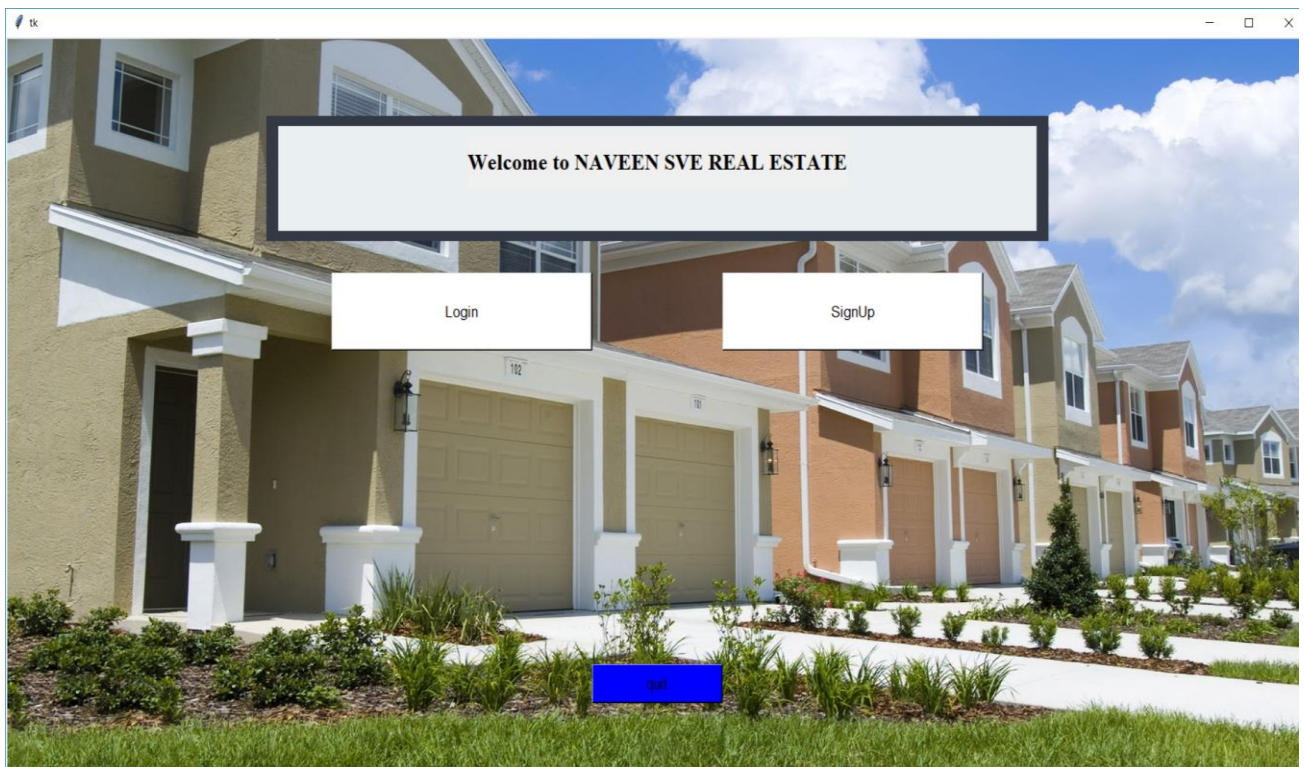
- 5) MySQL/Python Connector for required Python version

MODULE DESCRIPTION and RESULTS:

HOME PAGE:

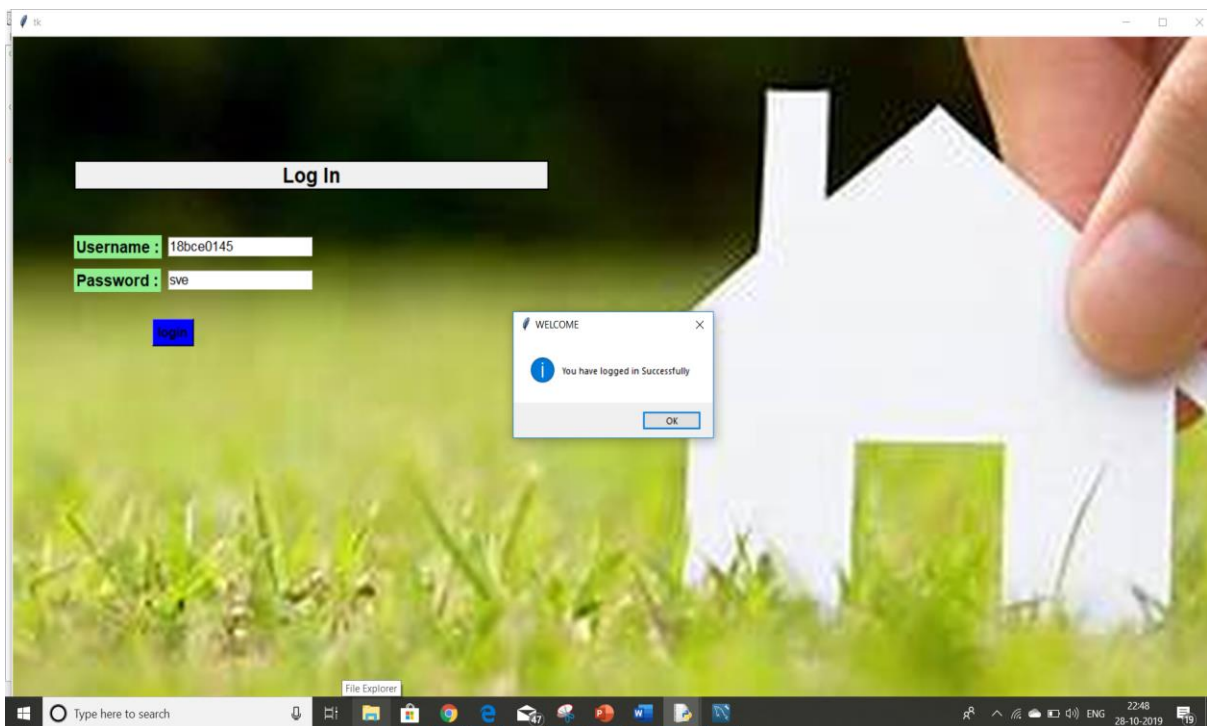
It is the page which opens the user interface with three options:

- 1)**LOGIN** – enters into login page
- 2)**SIGNUP**- enters into signup page
- 3)**QUIT**- Quits from user interface



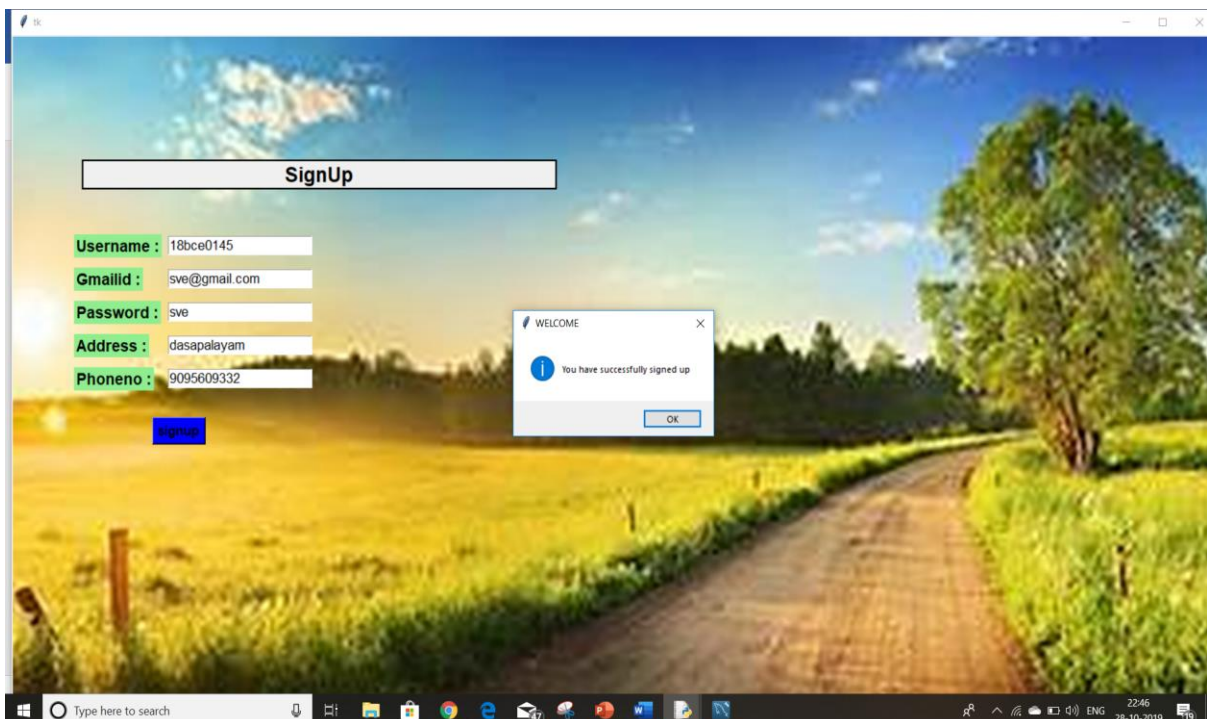
LOGIN PAGE:

It is the page where the user logs in with username and password to enter into main page.



SIGNUP PAGE:

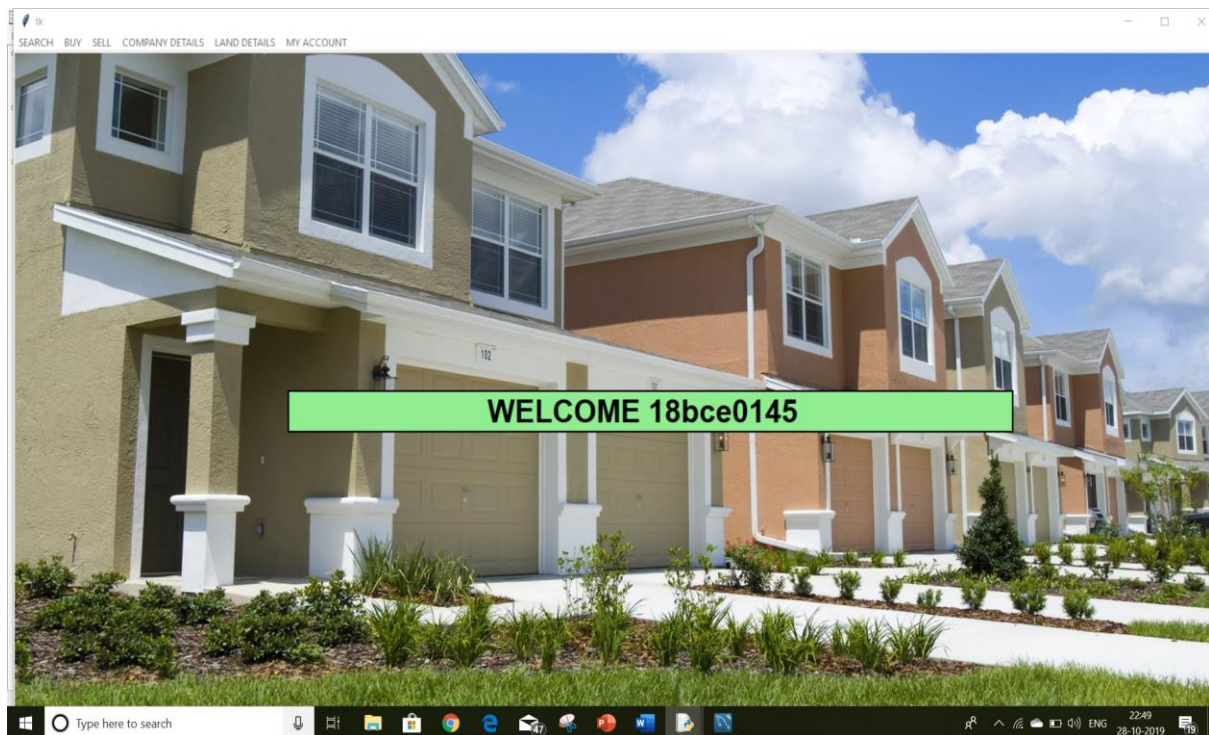
It is the page where the user creates his account by giving his information so that he can log in.



MAIN PAGE:

It is the page which has many menus :

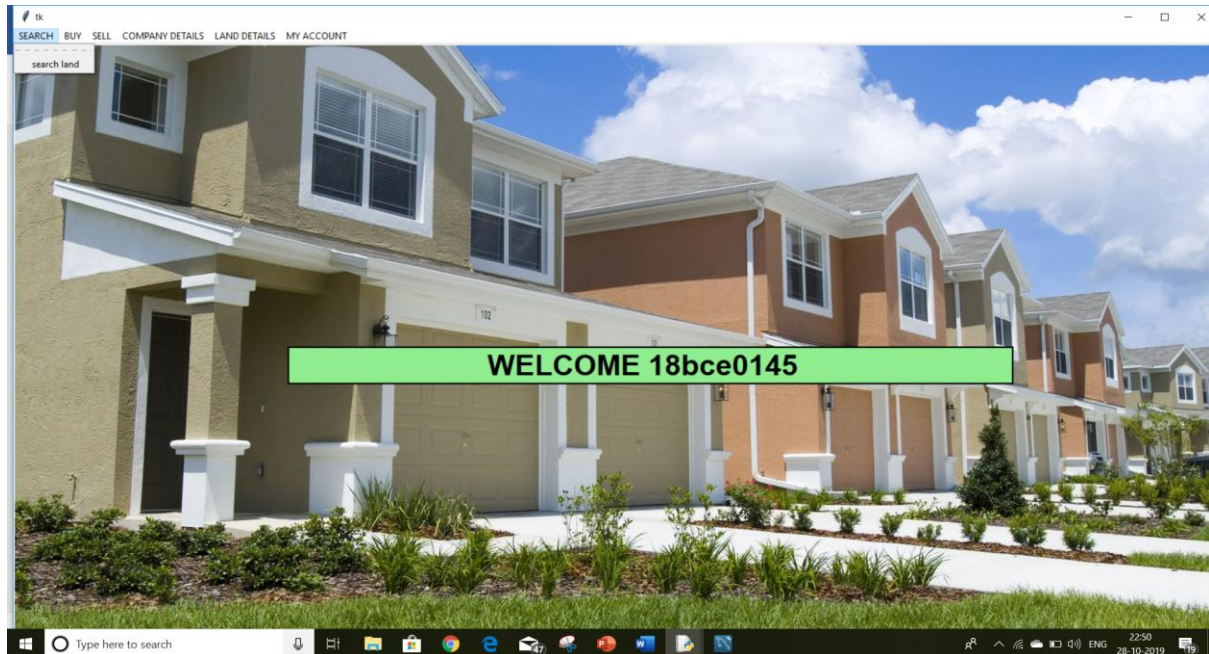
- 1) Search
- 2) Buy
- 3) Sell
- 4) Company details
- 5) Land details
- 6) My Account



1:

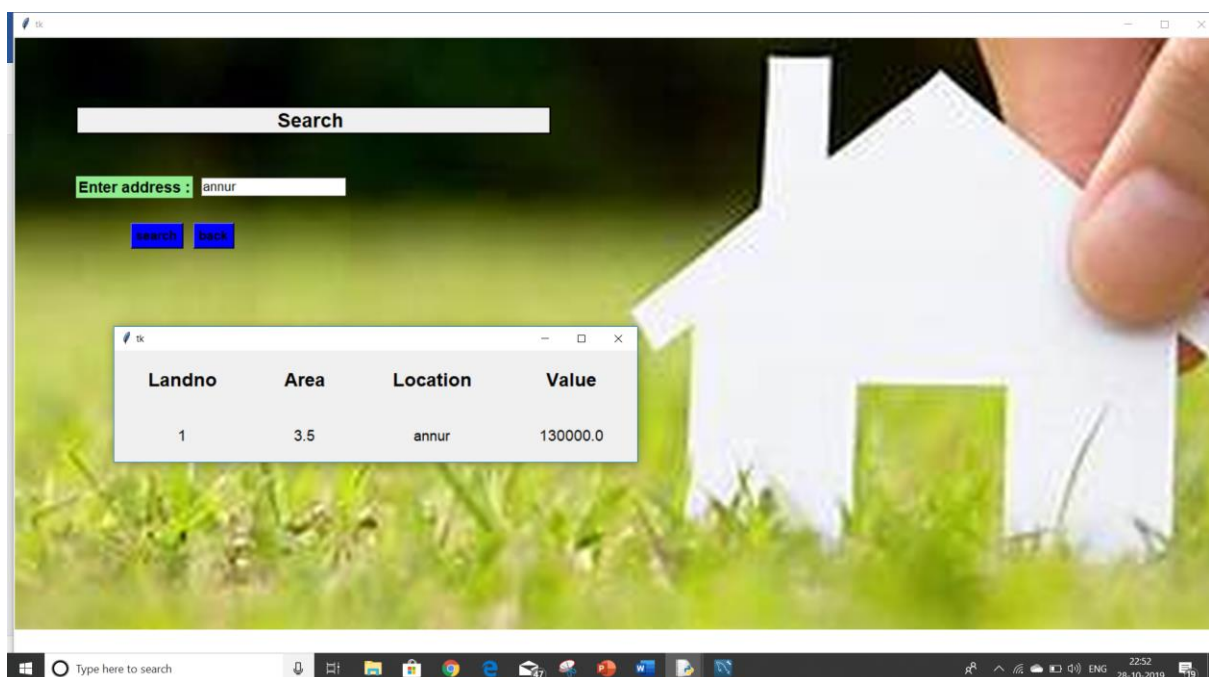
SEARCH MENU IN MAIN PAGE:

It consists of search land option which enters into SEARCH PAGE:



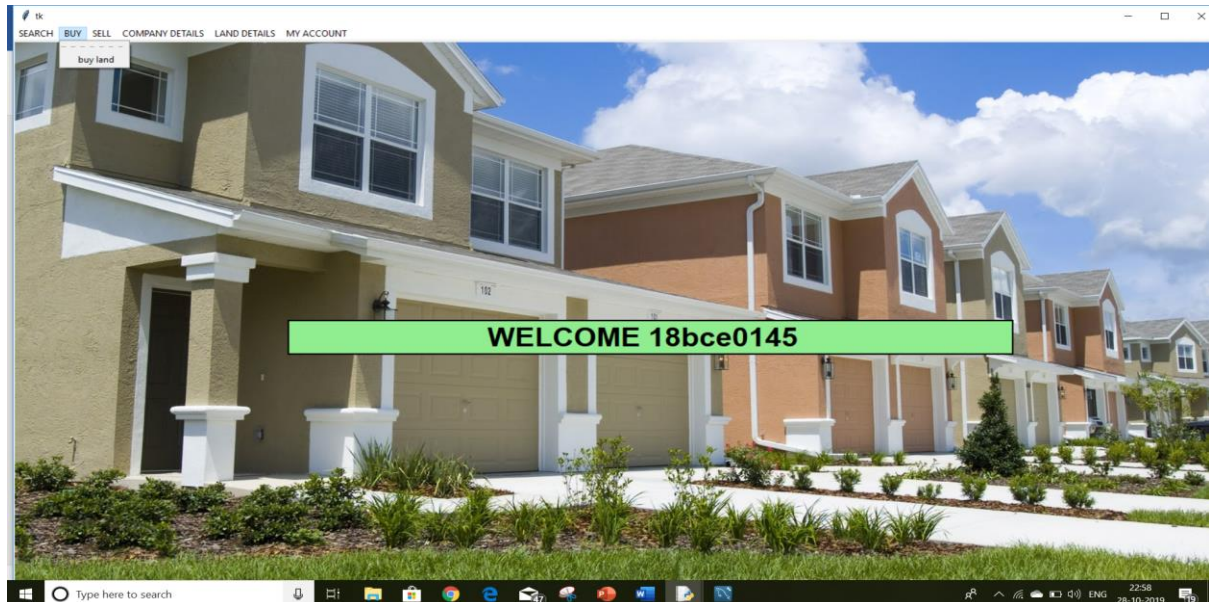
SEARCH LAND PAGE:

It is the page where users can search the land by address.



BUY MENU:

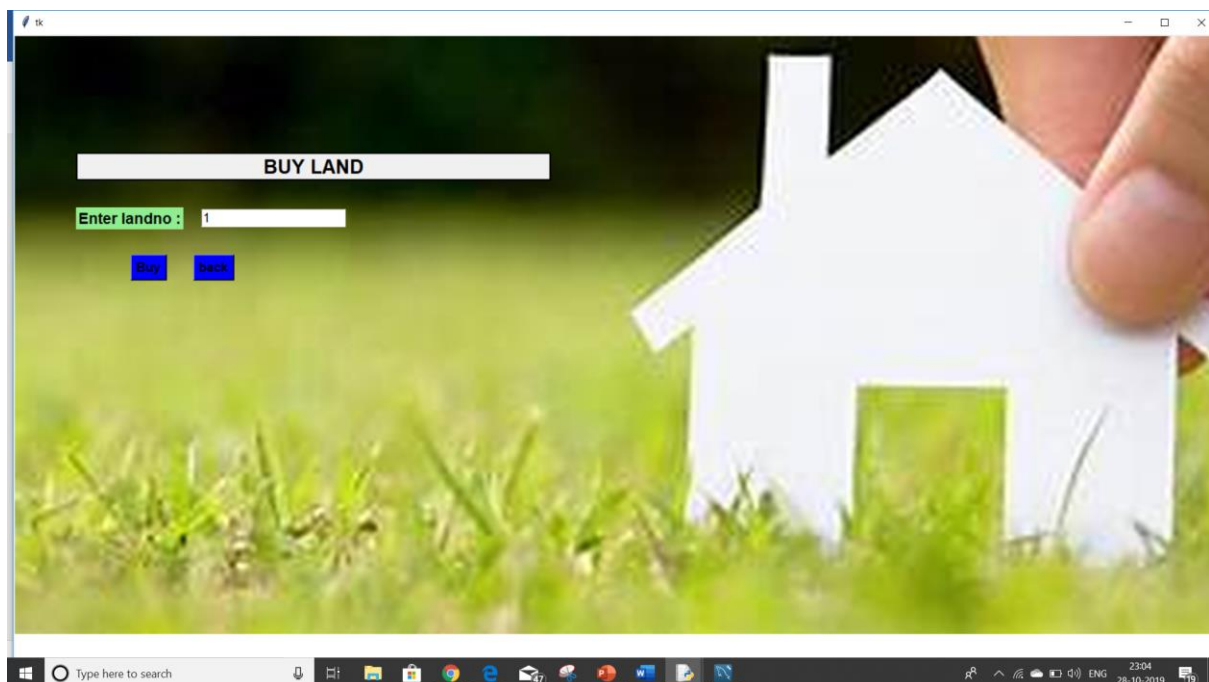
It consist of buy land option which enters into BUY LAND PAGE:




BUY LAND PAGE:

It is the page where users can buy land.

Enter land no:



Enter payment amount and method:



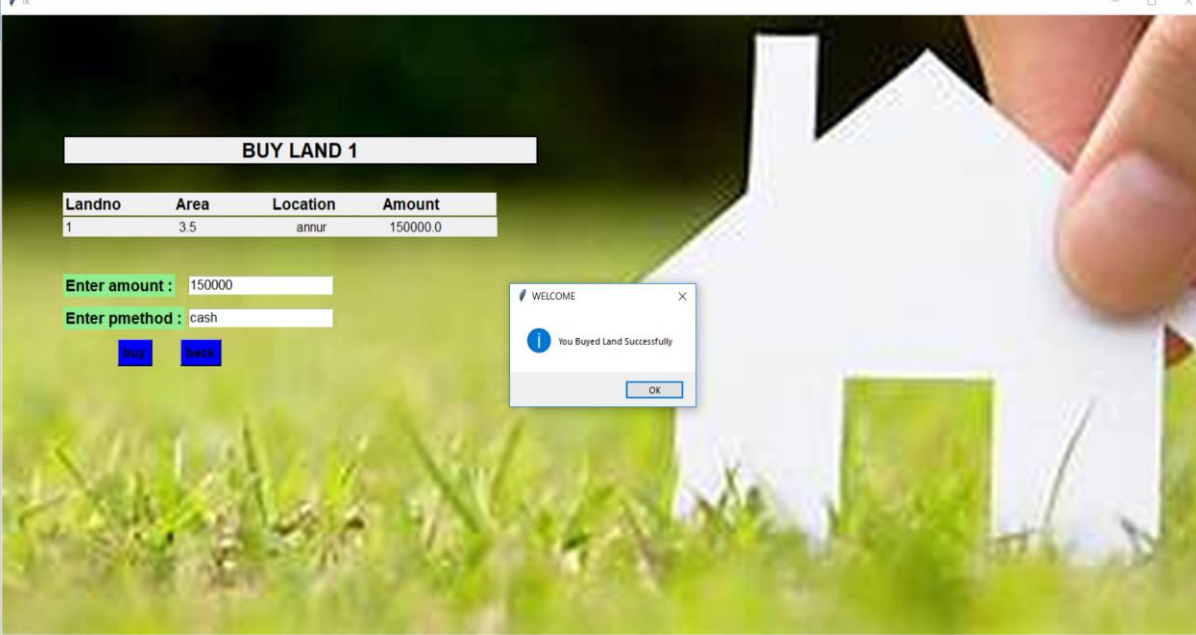
BUY LAND 1

Landno	Area	Location	Amount
1	3.5	annur	150000.0

Enter amount :

Enter pmethod :

Buy the land:



BUY LAND 1

Landno	Area	Location	Amount
1	3.5	annur	150000.0

Enter amount :

Enter pmethod :

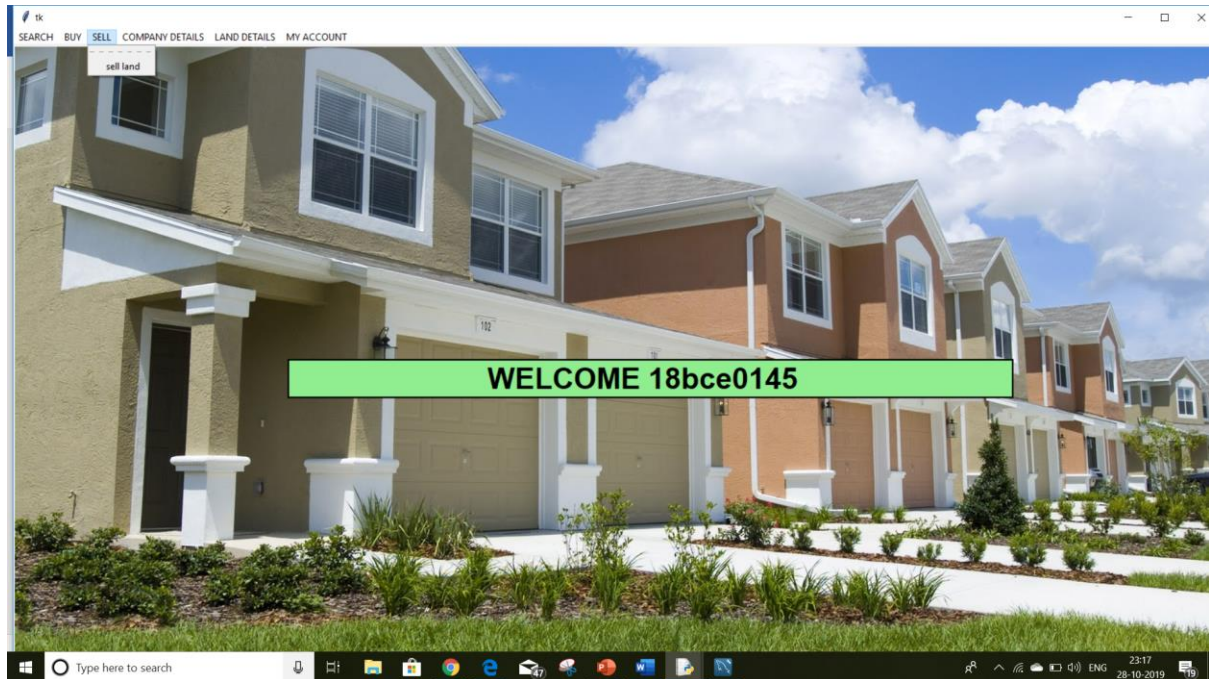
WELCOME

You Bought Land Successfully

OK

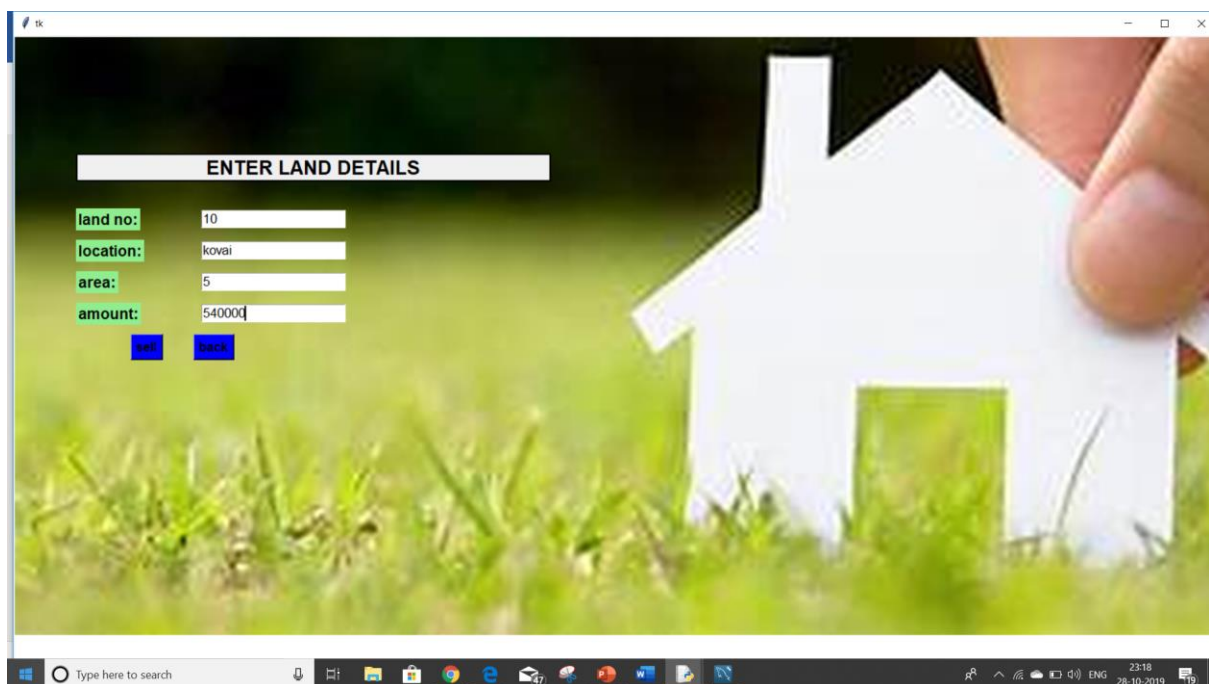
SELL LAND MENU:

It consist of sell land option which enters into SELL LAND PAGE:

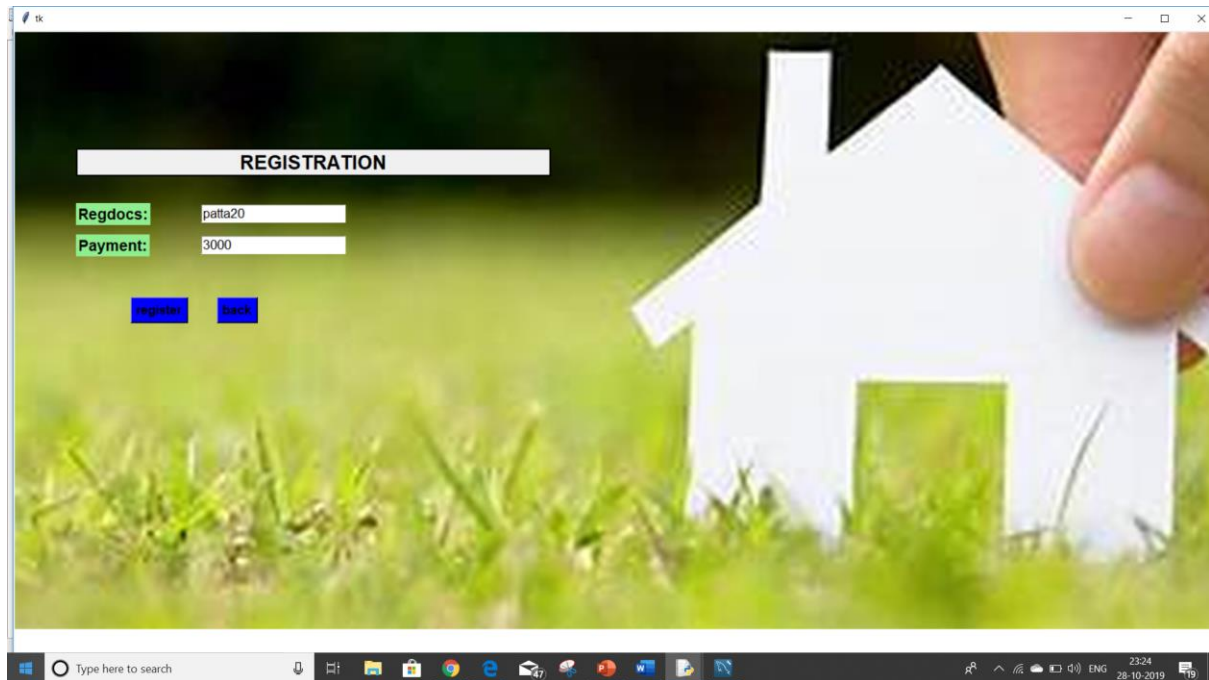


SELL LAND PAGE:

Enter land details:



Enter Registration details:

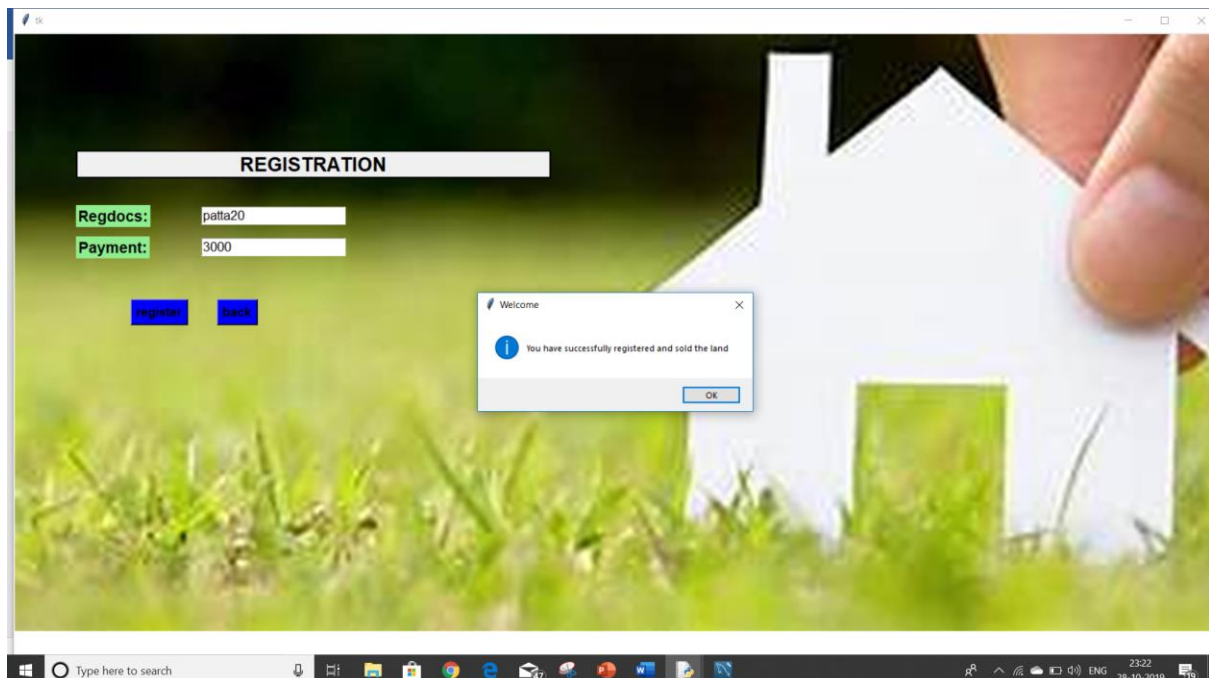


REGISTRATION

Regdocs:

Payment:

Register and sell the land:



REGISTRATION

Regdocs:

Payment:

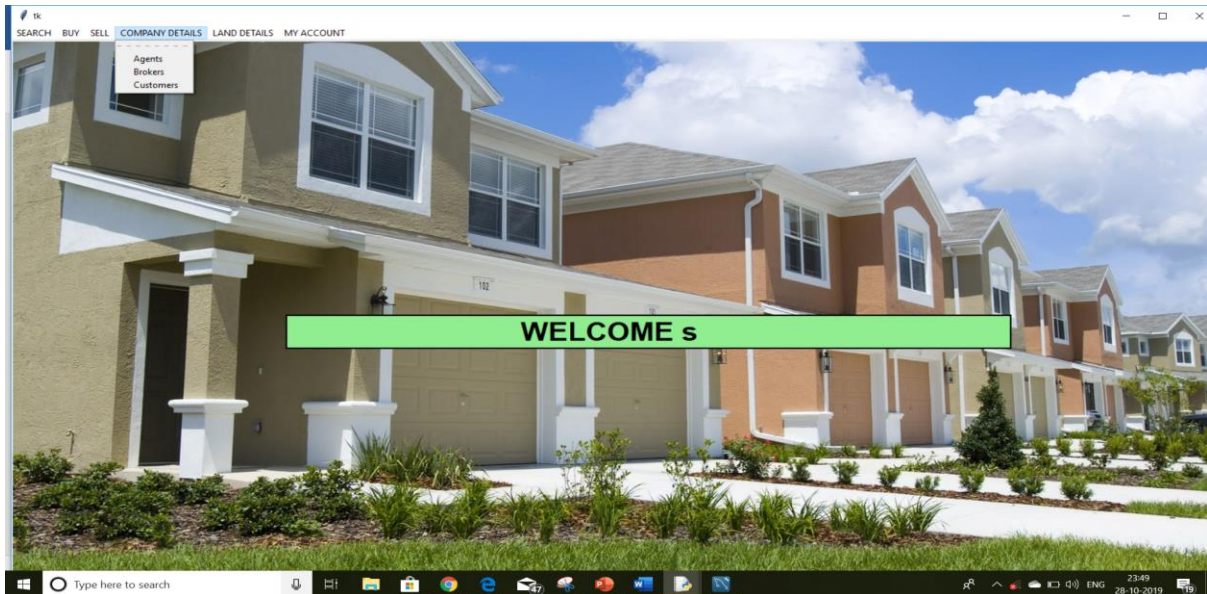
Welcome

You have successfully registered and sold the land

COMPANY DETAILS MENU:

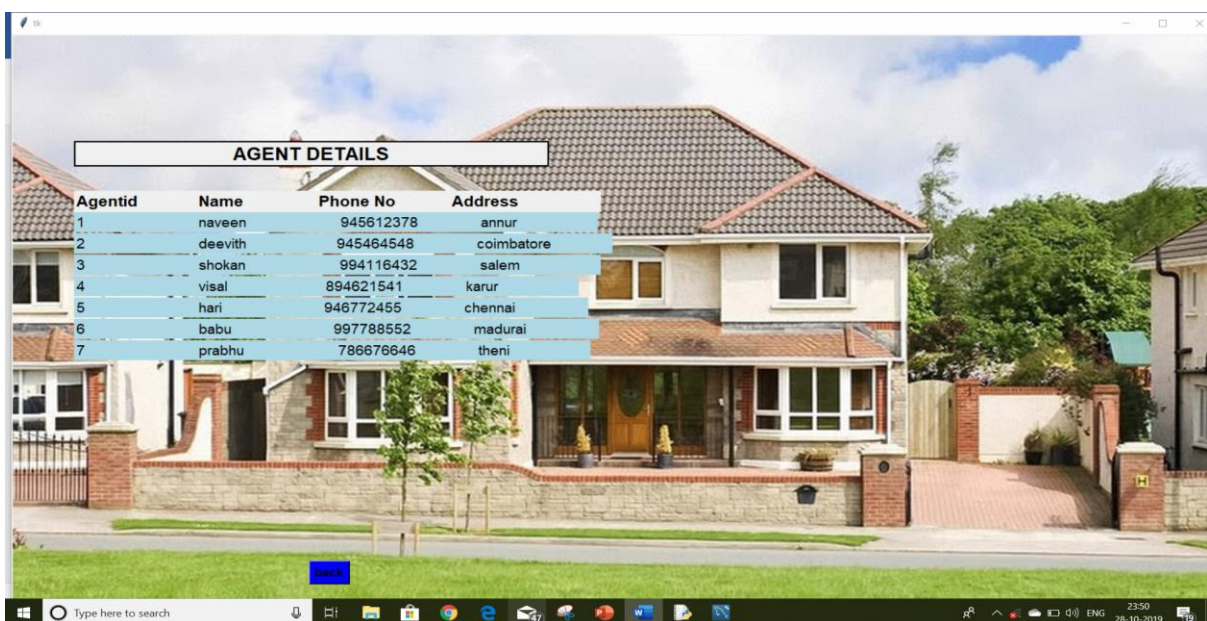
It consists of three options:

- 1) **Agents** – enters into agent page
- 2) **Brokers**- enters into brokers page
- 3) **Customers** –enters into customers page



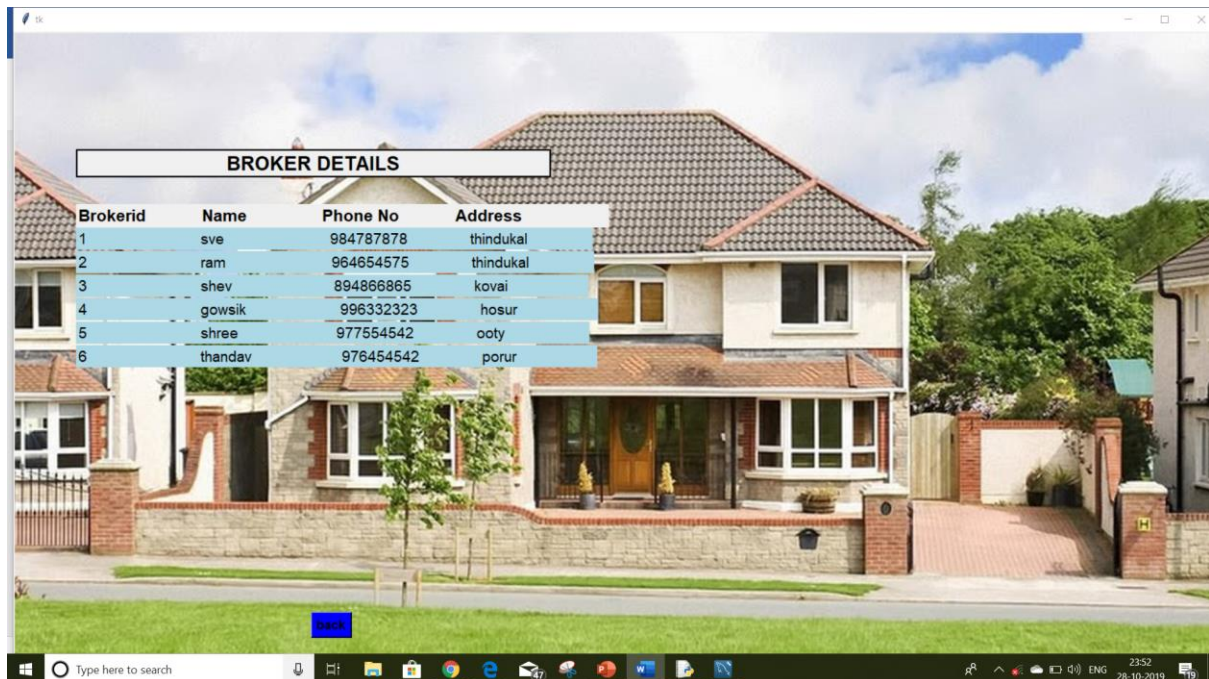
AGENTS PAGE:

Displays agents working under the company.



BROKERS PAGE:

Displays brokers working under different agents.



The screenshot shows a web application window titled 'BROKERS PAGE'. The background is a photograph of a two-story house with a tiled roof and a brick wall. Overlaid on this is a table titled 'BROKER DETAILS'.

Brokerid	Name	Phone No	Address
1	sve	984787878	thindukal
2	ram	964654575	thindukal
3	shev	894866865	kovai
4	gowsik	996332323	hosur
5	shree	977554542	ooty
6	thandav	976454542	porur

CUSTOMERS PAGE:

Displays customer details who uses the company.



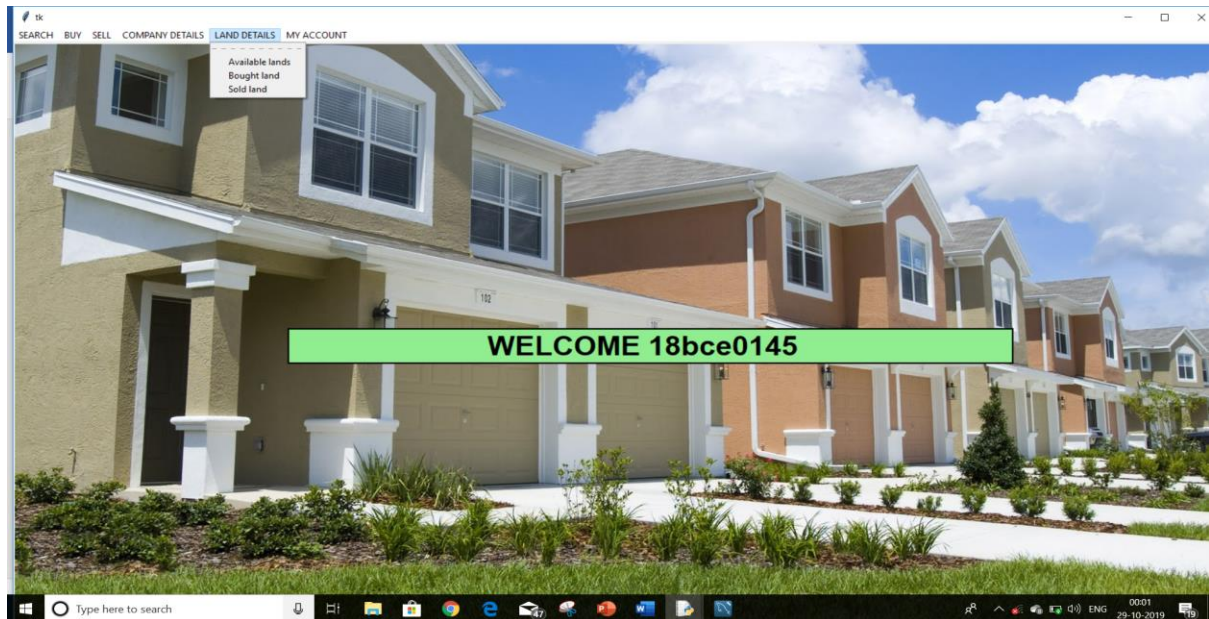
The screenshot shows a web application window titled 'CUSTOMERS PAGE'. The background is the same photograph of a two-story house as in the previous screenshot. Overlaid on this is a table titled 'CUSTOMERS DETAILS'.

Customerid	Name	Phone No	Address	Gmailid
1	kavin	969446444	kerala	kav@gmail.com
2	navin	978453455	andhra	nin@gmail.com
3	deevith	797737749	salem	deev@gmail.com
4	mahesh	921451454	erode	mah@gmail.com
5	ramesh	945454454	erode	ram@gmail.com
6	kanan	845454545	vellore	kan@gmail.com
8	visalsv	9597798216	dasapalayam	nav@gmail.com
9	18bce0145	9095609332	dasapalayam	sve@gmail.com

LAND DETAILS MENU:

It consists of three options:

- 1) **Available land** – enters into avail land page
- 2) **Bought land**- enters into bought land page
- 3) **Sold land**- enters into sold land page



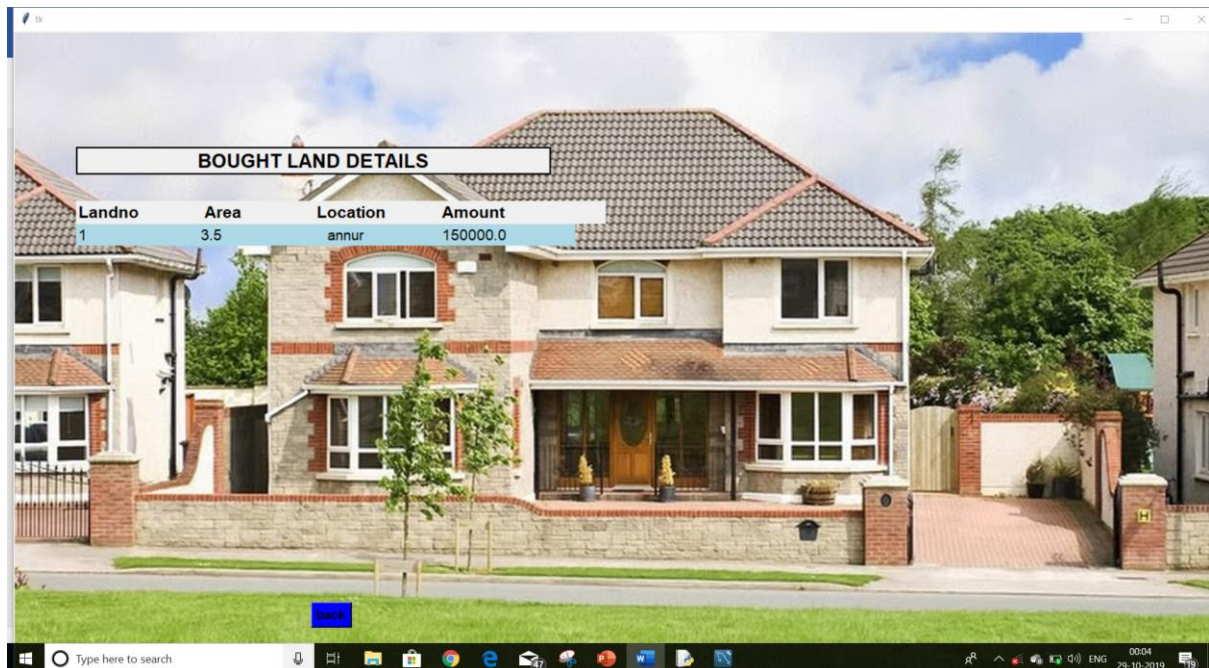
AVAILABLE LAND PAGE:

Displays available land details for buying.

Landno	Area	Location	Amount
2	4.5	annur	250000.0
3	4.0	kovai	280000.0
4	5.0	kovai	460000.0
5	3.0	salem	320000.0
6	7.0	salem	104000.0
7	6.0	madurai	103000.0
10	5.0	kovai	594000.0

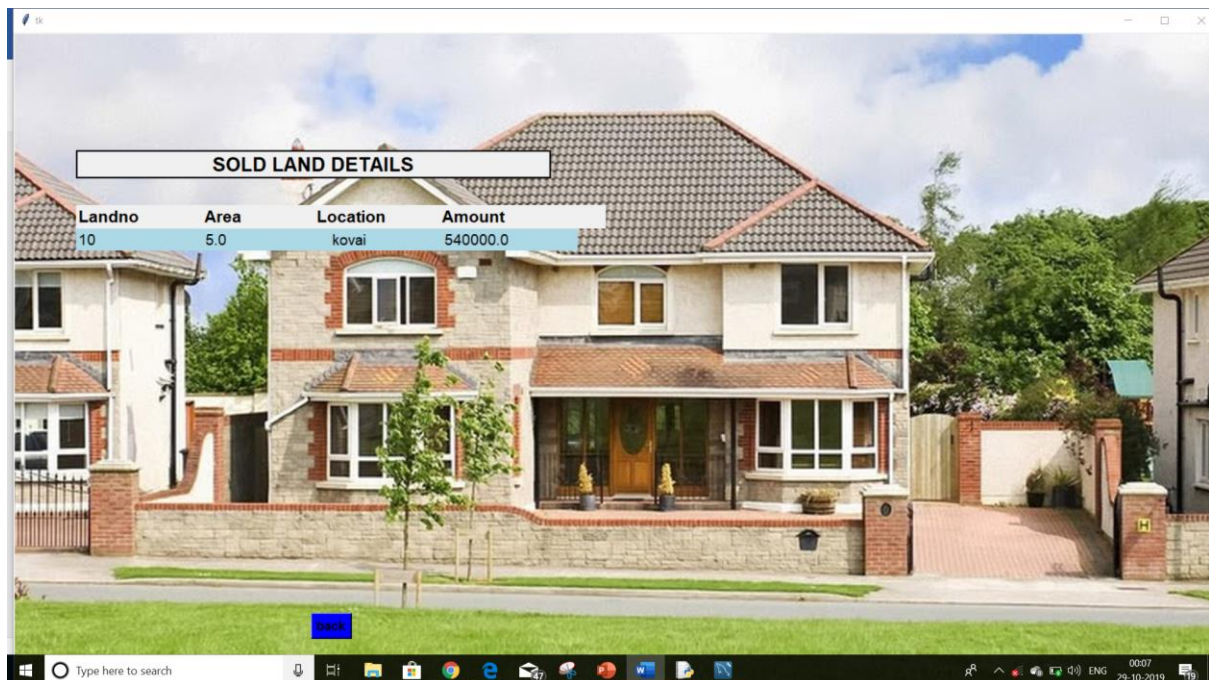
BOUGHT LAND PAGE:

Displays land details which is bought by the user from the company.



SOLD LAND PAGE:

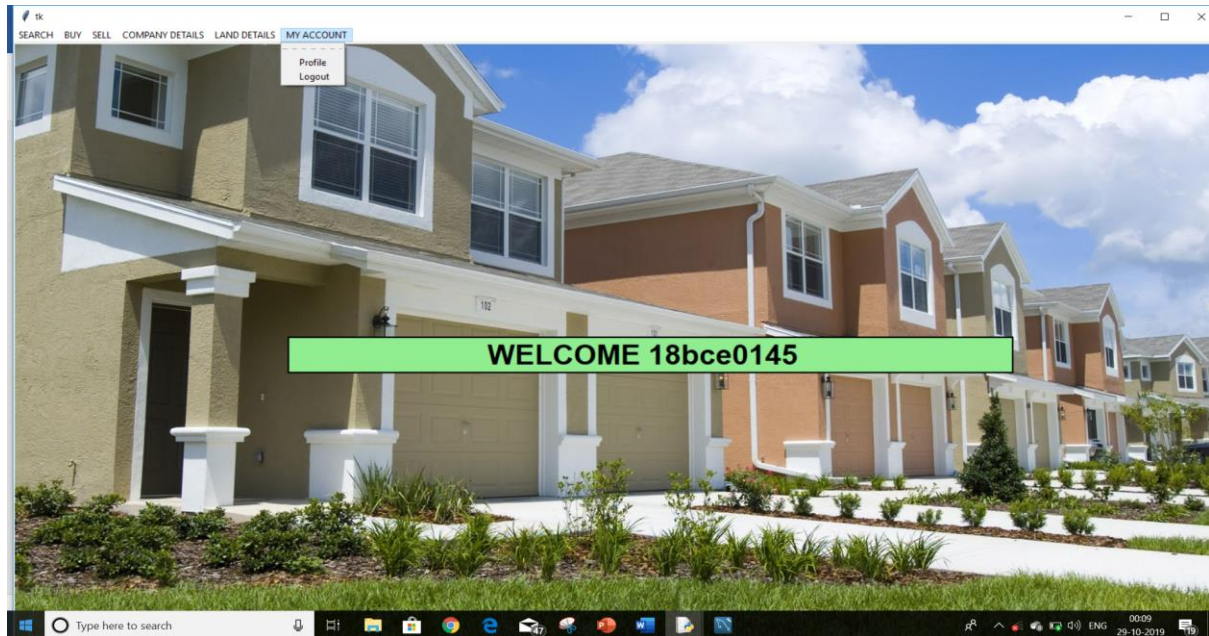
Displays land details which sold by the user to the company.



MY ACCOUNT MENU:

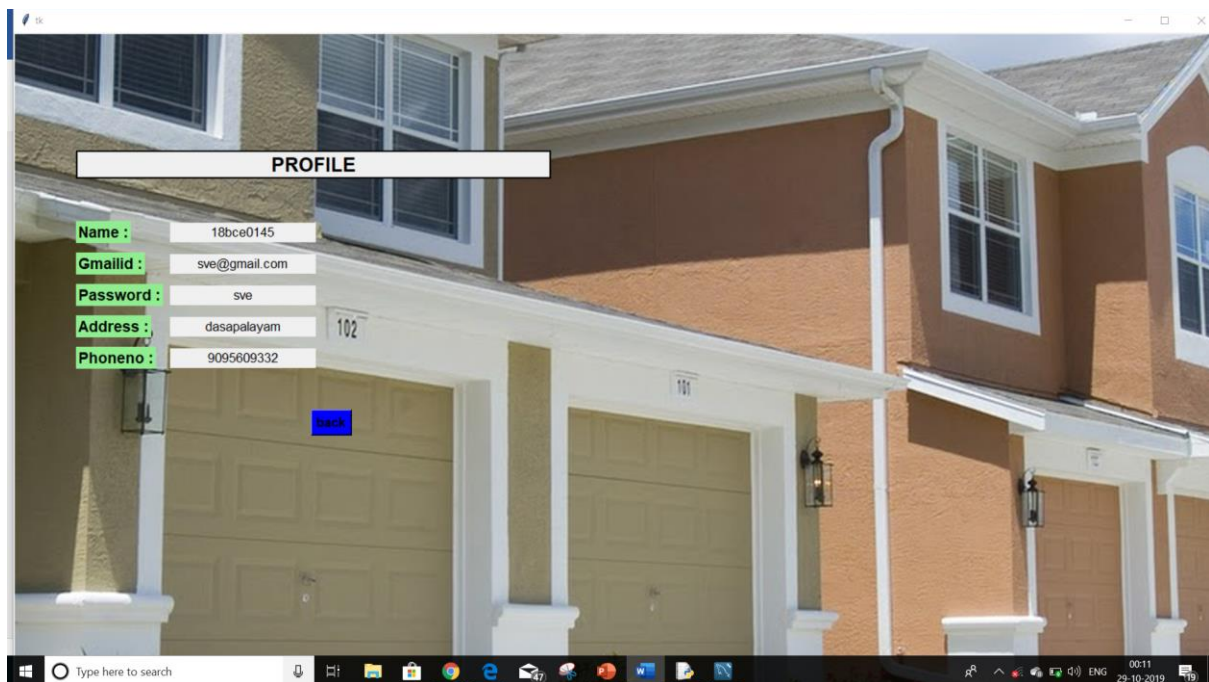
It consists of two options:

- 1) **Profile** – enters into PROFILE PAGE
- 2) **Logout**- Logs out from the account.



PROFILE PAGE:

It consists of user profile information.



CONCLUSION:

Therefore, it would be beneficial for both users and admin to manage their account for buying and selling land and to secure the land details and users details .Through this application it is easy and secure to do transactions for buying/selling a land and documents related to that is also safely stored in the database.

REFERENCES:

<https://www.youtube.com/watch?v=-GhzpvvIXIM&feature=youtu.be>

<https://stackoverflow.com/>

<https://www.tutorialspoint.com/index.htm>