DREAM HOME

Technology Used: Python (django)

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ABSTRACT

People may need to move from one place to another as part of their work. The main challenge faced during this situation is a place to live. This is the main motivation behind the project "Dream Home".

Through this project we are developing a website, which contain a set house in different location and the user can either buy the house or take a house for rent.

The property owners is will first register into the site and can later upload there property. Then the users will register into the site and apply a date for site visit and later apply for documentation.

This project consist of 3 modules:

1. Admin :- Admin has the over all control of the site.

2. Owner :- property owners can upload their property into the
   site.

3. User :- Users can view all the properties uploaded buy owners
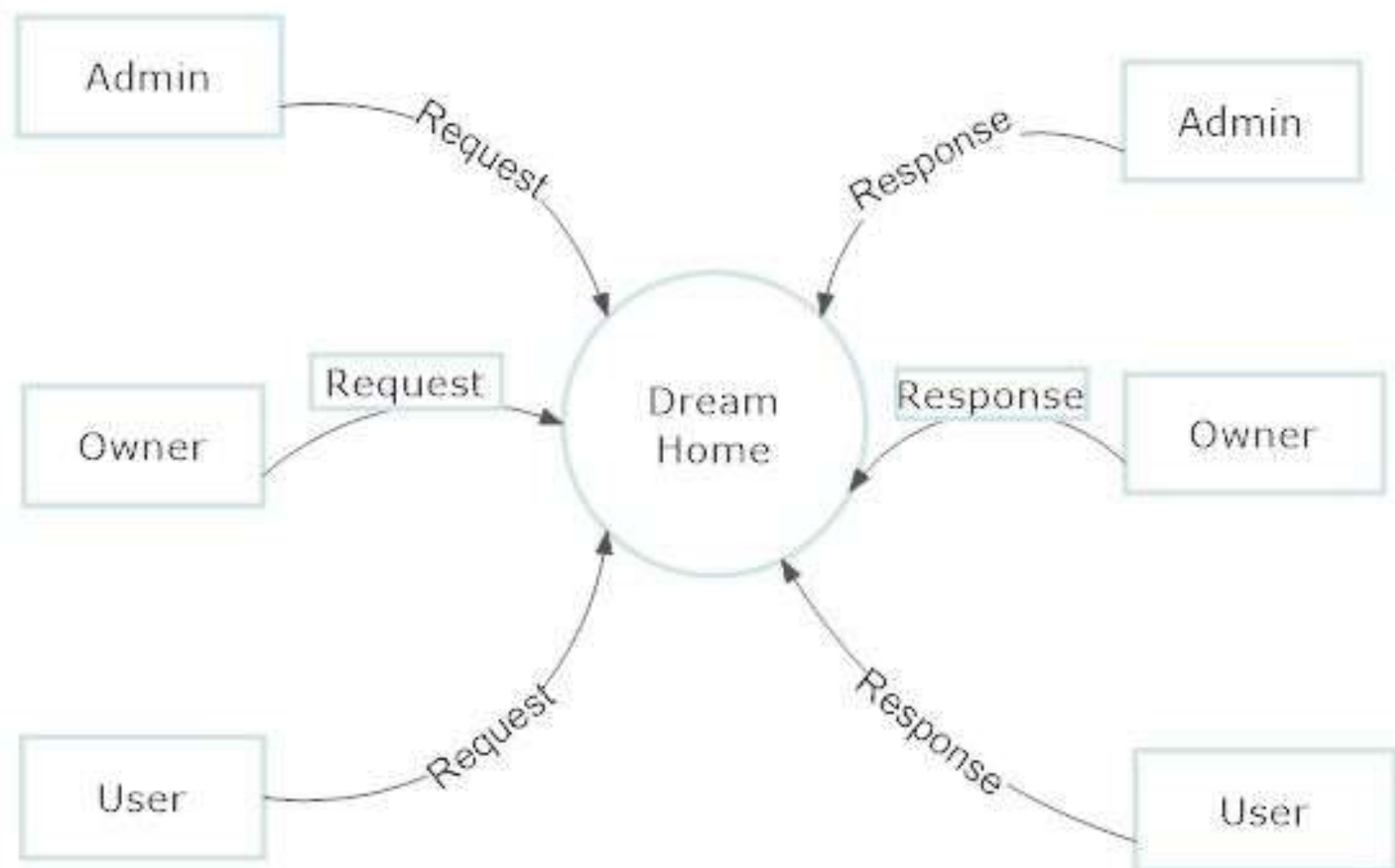   and can book a date for site visit.
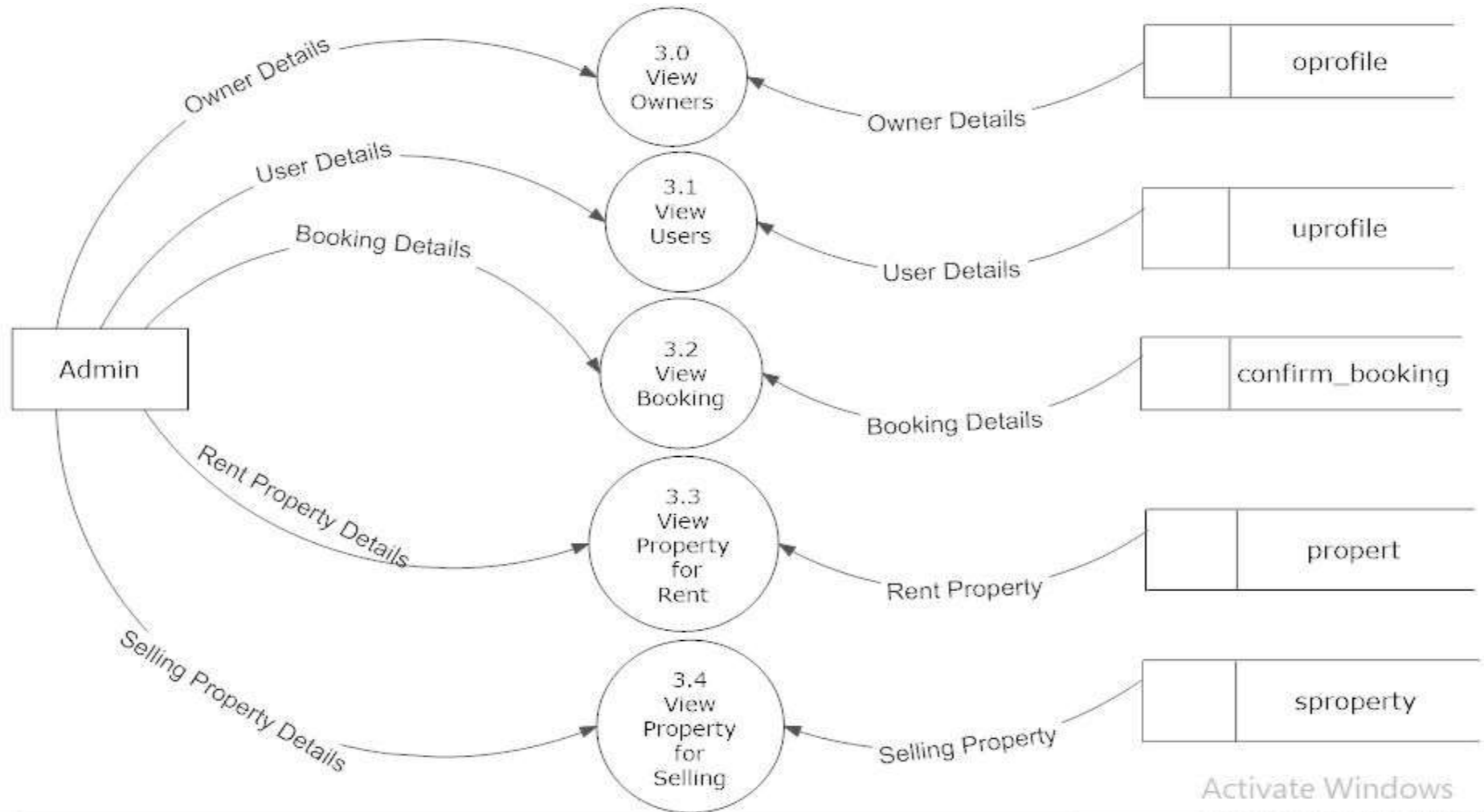
USER STORY

Build An app for Dream Home

Registration	Login	Admin	Owner	User

Registration
- Registration for admin
- Registration for Owner
- Registration for user

Login
- Login for All Users and Owners

Admin
- Manage Owner
- Manage User

Owner
- Manage Owner Activities

User
- Manage User Activities

Login:
- Login for Admin
- Login for Owner
- Login for User

Admin:
- View Report of property uploaded
- View Report of booking
- View Report of Owners Registered
- View Report of users Registered
- View Payment

Owner:
- Add Property for Rent
- Confirm Booking For Site Visit
- Edit Profile
- View Feedback
- Edit / Delete Property
- Add Profile
- Notification
- Edit Property for Rent
- Add Property for Selling
- Edit Property for Selling
- Payment

User:
- Booking For Rent
- Apply Profile
- Add Feedback
- Edit Profile
- Booking For Selling
- Booking Status
- Notification
- Buying Status

DATA FLOW DIAGRAM

Level 0 DFD

Admin	Admin

Request → Dream Home ← Response

Owner	Owner

Request → Dream Home ← Response

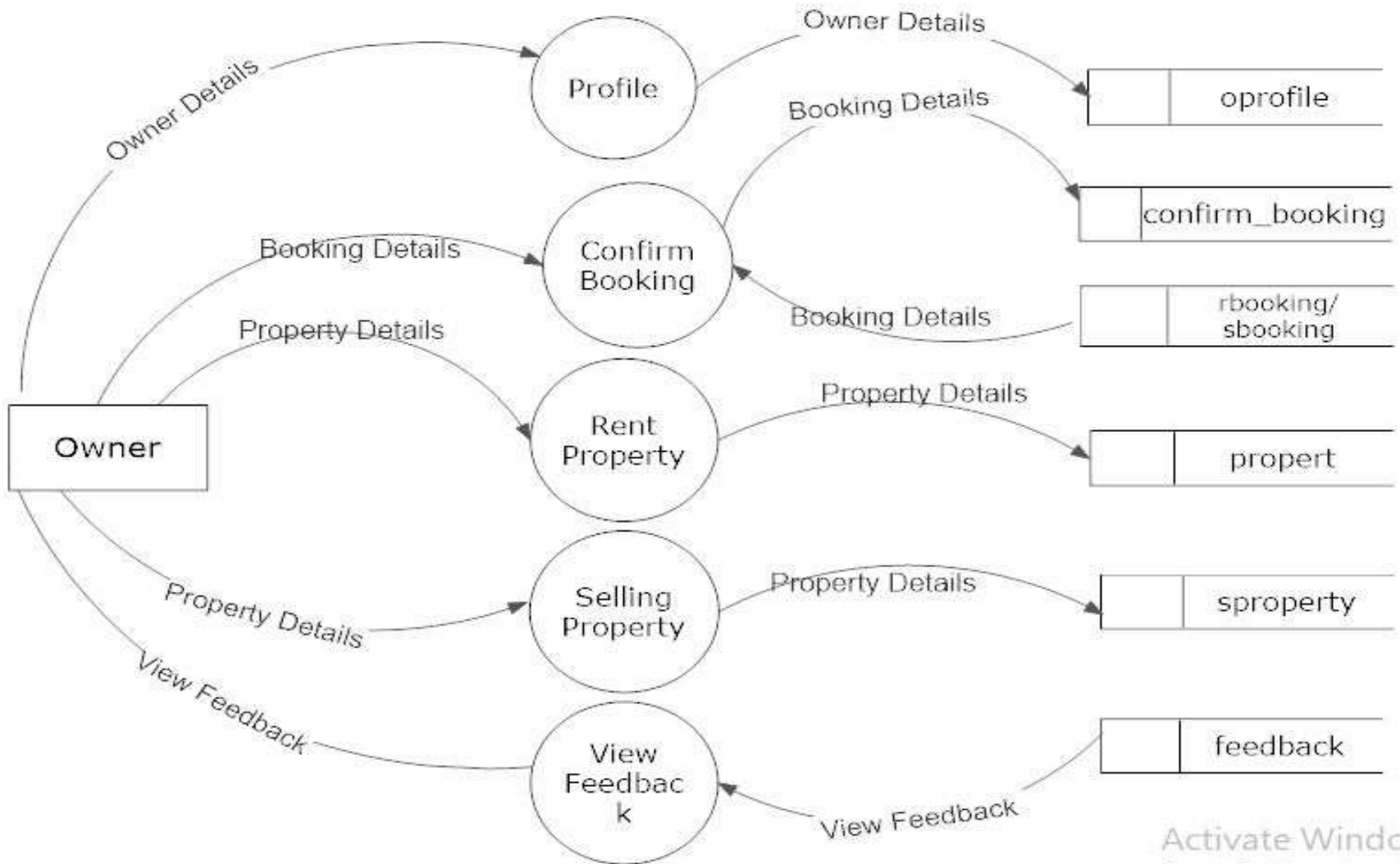|	
User	User

Request → Dream Home ← Response

LEVEL 1 DFD FOR ADMIN

LEVEL 1 DFD FOR OWNER

LEVEL 1 DFD FOR USER
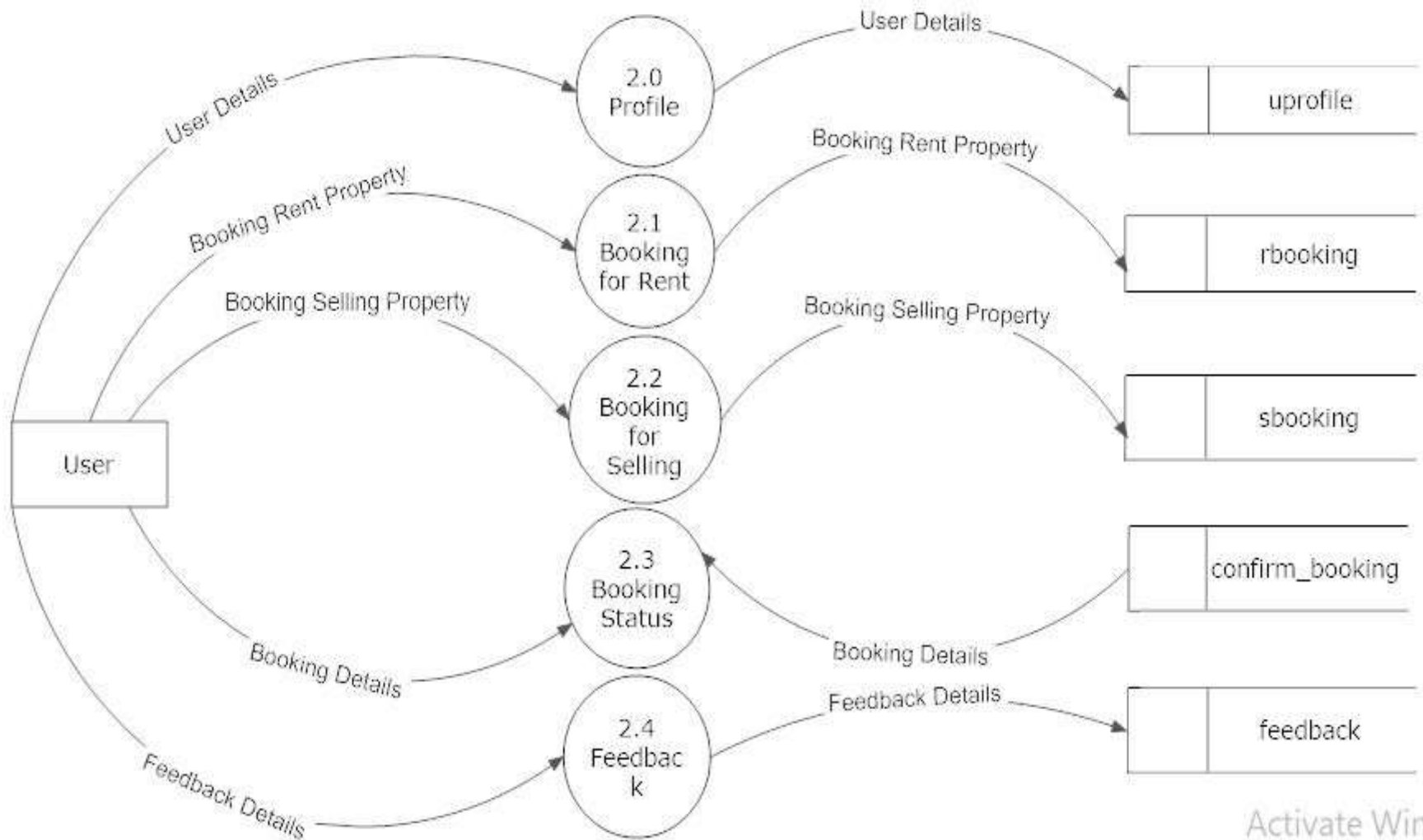
TABLE DESIGN

Table Name: User

Field	Data Type	Description
id	Integer	Id of Each User
Username	Character	Username of user
Email Address	Character	Email id of user
First Name	Character	First name of user
Last Name	Character	Last name of user

Primary key: id

Table Name : oprofile

Field	Data Type	Description
oid	Integer	Id of each Person
fname	character	First name of owner
email	character	Email id of owner
hname	character	House name of owner
Gender	Character	Gender of owner
Pname	Character	Place of owner
Dist	Character	District of owner
Tal	Character	Taluk of owner
Mob	Integer	Mobile number of owner
Username	Character	Username of owner

Primary key: oid
Foreign key: username

Table Name : uprofile

Field	Data Type	Description
uid	Integer	Id of Each Person
fname	character	First name of user
email	character	Email id of user
hname	character	House name of user
Place	character	Place of user
District	character	District of user
Taluk	Character	Taluk of user
Mobile	Integer	Mobile number of user
Username	Character	Username of user

Primary key: uid
Foreign key: username

Table Name : bank

Field	Data Type	Description
bid	Integer	Id of Each Bank
Owname	Character	Name of person doing payment
Cardno	Integer	Card number
Amounts	Integer	Amount to be payed
Verification	Integer	Verification number

Primary key: bid

Table Name : confirm_booking

Field	Data Type	Description
cid	Integer	Id of Each Booking
Ownername	Character	Name of owner
Customer	Character	Name of user
Cuname	Character	Username of user
Ppname	Character	Propertyname
Date	Date	Date for site visit
Expectedtime	Text	Expectedtime given by User for site visit
Time	Time	Time given by owner for Site visit
Status	Character	Status of booking
Username	Character	Username of owner

Primary key: cid
Foreign key: username

Table Name : message

Fields	Data Type	Description
m_id	Integer	Id of Each Message
Custname	Character	Name of user
Csname	Character	Username of user
Ownername	Character	Name of owner
Pname	Character	Property name
Question	Character	Question asked by user
username	Character	Username of owner

Primary key: m_id
Foreign key: username

Table Name : replay

Fields	Data Type	Description
re_id	Integer	Id of Each Replay
Cname	Character	Name of user
Cusername	Character	Username of user
Pname	Character	Property name
Question	Character	Question asked by user
Answer	Character	Answer given by owner
username	Character	Username of owner

Primary key: re_id
Foreign key: username

Table Name : feedback

Field	Data Type	Description
fid	Integer	Id of Each Feedback
Cusername	Character	Username of user
Name	Character	Name of user
Ownername	Character	Name of owner
Propertyname	Character	Property name
Feedback	Character	Feedback given by user
username	Character	Username of owner

Primary key: fid
Foreign key: username

Table Name : propert

Field	Data Type	Description
pid	Integer	Id of Each Property
Img1	Image Field	Image of property
Ownernmae	Character	Name of owner
Propname	Character	Property name
Rooms	Integer	Number of rooms
Rent	Integer	Rent per month
Sqrt	Integer	Square feet
Description	Text	Description about house
Status	Character	Status of house
District	Character	District of house
Place	Character	Place of house
Taluk	Character	Taluk of house
username	Character	Username of owner

Primary key: pid,,   Foreign key: username

Table Name : sproperty

Field	Data Type	Description
Sp_id	Integer	Id of Each Property
Img2	Image Field	Image of property
Ownername	Character	Name of owner
Propertyname	Character	Property name
Room	Integer	Number of rooms
Amount	Integer	Total amount of Property
Squarefeet	Integer	Square feet
Description	Text	Description about house
District	Character	District of house
Place	Character	Place of house
Taluk	Character	Taluk of house
username	Character	Username of owner

Primary key: sp_id
Foreign key: username

Table Name: rbooking

Field	Data Type	Description
rid	Integer	Id of Each Booking
Prname	Character	Property name
Room	Integer	Number of rooms
Rent	Integer	Rent per month
Sqrtfeet	Integer	Squarefeet
Description	Text	Description about house
District	Character	District of house
Place	Character	Place of house
Taluk	Character	Taluk of house
username	Character	Username of owner
Date	Date	Date for site visit
Time	Text	Expected time for site visit

Primary key: rid
Foreign key: username

Table Name : sbooking

Field	Data Type	Description
sid	Integer	Id of Each booking
Pname	Character	Property name
Rooms	Integer	Number of rooms
Amount	Integer	Rent per month
Sqrtfeet	Integer	Squarefeet
Description	Text	Description about house
District	Character	District of house
Place	Character	Place of house
Taluk	Character	Taluk of house
username	Character	Username of owner
Date	Date	Date for site visit
Time	Text	Expected time for site visit

Primary key: sid
Foreign key: username

Form Screen Short

NOTICE

⊙payment

house owners must pay an registration fee of Rs:4000 at the time of Property
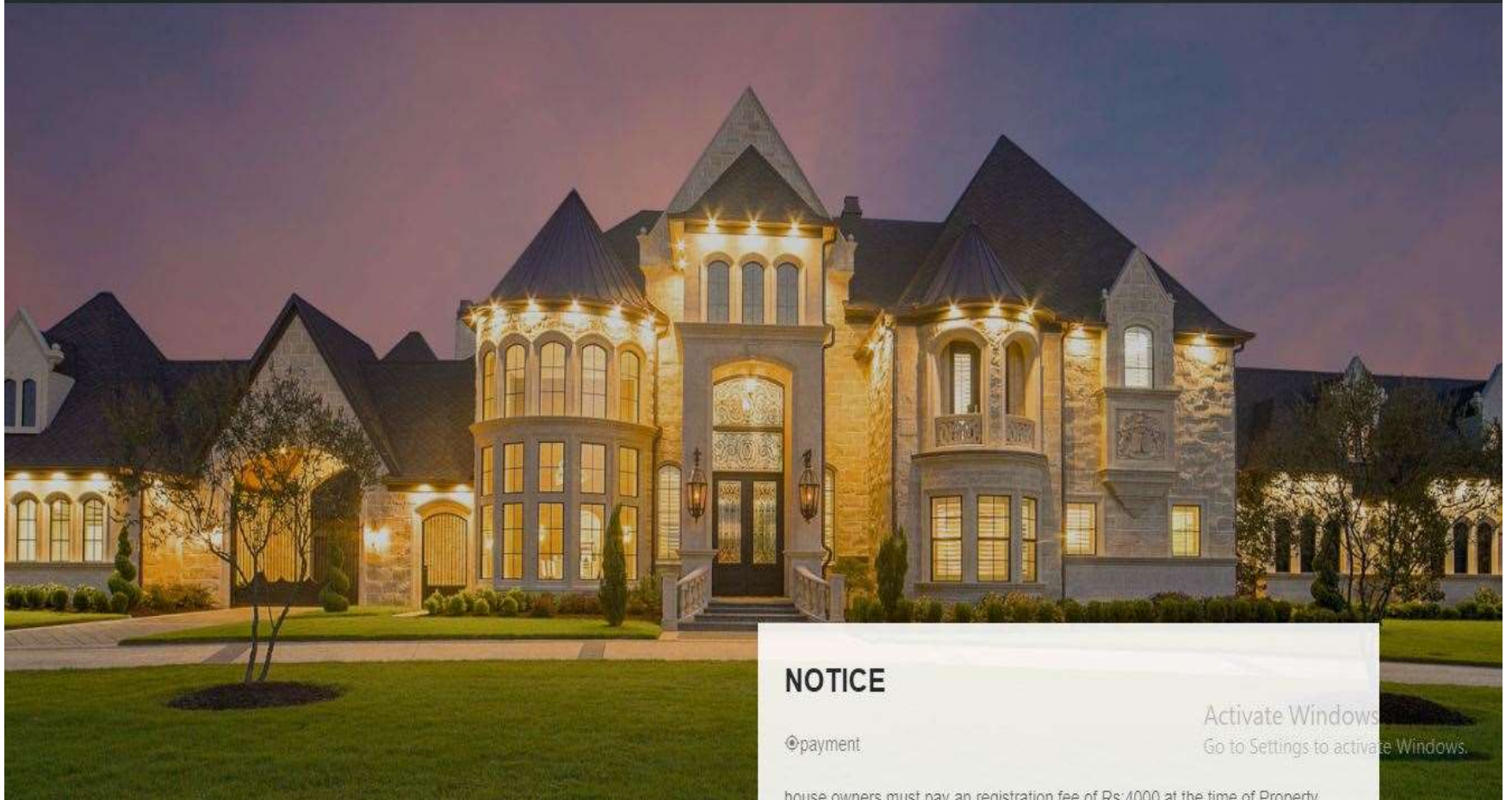
Activate Windows
Go to Settings to activate Windows.

HOME PAGE

LOGIN PAGE

WELCOME OWNER

NOTICE

NOTICE

⊙PAYMENT

OWNER HOME PAGE

Upload Image

Choose File | home2.jpg.jpg

Owner Name

hhh

Property Name

himma villa

Number of Rooms

12

Rent Per Month

10000

ADDING RENT PROPERTY

Upload Image

Choose File | h5.jpg

Owner Name

hhh

Property Name

neeripal

Number of Rooms

9

Amount

5000000

ADDING SELLING PROPERTY

User Name

jyothi

property Name

jen villa

Date

April 14, 2020

Expected Time Range

1 - 3 pm

TIME

02:30 × ⏶⏷

Booking Status

Booking Accepted ▼

Confirm   Cancel

CONFIRM BOOKING

USER HOME PAGE

Owner Name : shenn

District : kannur

Place : payyavoor

Details

Owner Name : jen

District : kollam

Place : sasthamkotta

BOOKING RENT PROPERTY

Owner Name : shenn

District : kottayam

Place : aruvithura

Details

Owner Name : hhh

BOOKING FOR BUYING

Property Name

jen villa

Date

April 18, 2020

Expected Time

4 - 5pm

New Time

4:15 a.m.

Booking Status

Booking Accepted

BOOKING STATUS

THANK

YOU........................