

FEELOM

SDL PROJECT (5TH SEM)

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MOTIVATION:

- Now a days , mostly students prefer to live in flat rather than hostel. They feel more freedom in flats . But most of the students face difficulty in finding flats.
- When we ourselves needed to find flat near our college ,we faced difficulties in finding it as per our budget and requirements .
- So we tried our best to make our project more user-friendly thus making their flat search easy.

WHY WE NEED THIS?

- We have to give extra money to brokers.
- It will reduce time for searching.
- It will make a lot of options available for the users to choose from.

SURVEY

It is mostly observed that :

- students are unable to find the perfect flat for them.
- there are a lot of flats available but students are unaware of them .
- they mostly end up compromising on the cost factors.

REQUIREMENTS GATHERING & ANALYSIS

Some Performance requirements identified is listed below:

- ✓ The database shall be able to accommodate a minimum of 10,000 records of students.
- ✓ The software should be able to register multiple users .
- ✓ Users should be able to view multiple flats according to the filtration parameters use.
- ✓ There are no other specific performance requirements that will affect development.
- ✓ Security Requirements are taken care of as sign in and sign out function is provided.

PROBLEM STATEMENT

Develop a desktop application for Flats where in the renter and owner can easily interact for renting the flat.

GOALS TO BE ACHIEVED:

- The owner should be able to post and view his/her flats with ease.
- The user should be able to view the properties and filter according to the requirements.
- The required data should be efficiently stored in the database.

S/W & H/W REQUIREMENTS

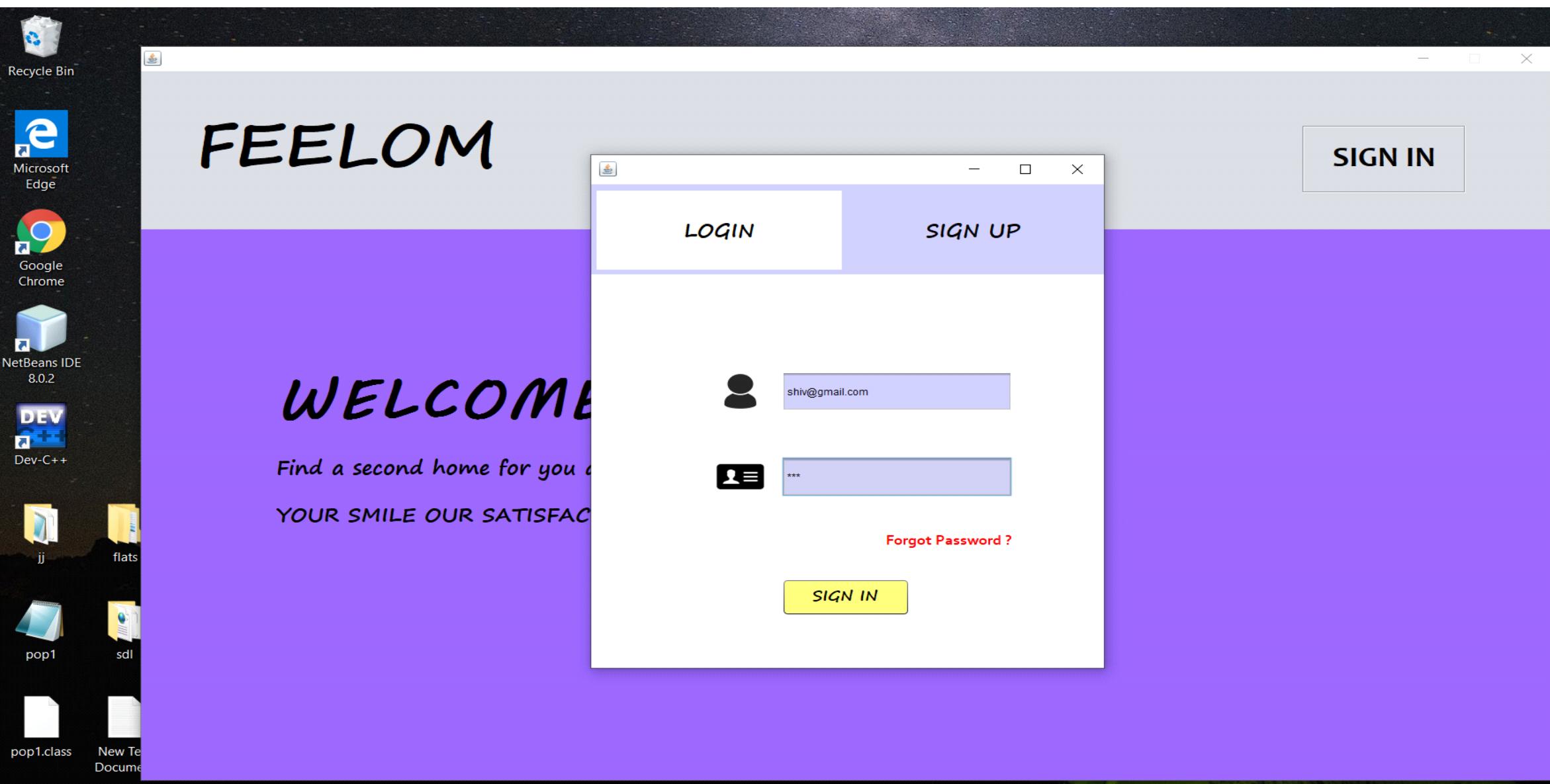
- ✓ Software development tools : Netbeans
- ✓ Operating System : Linux/Windows
- ✓ Database : MySQL Query Browser

API USED:

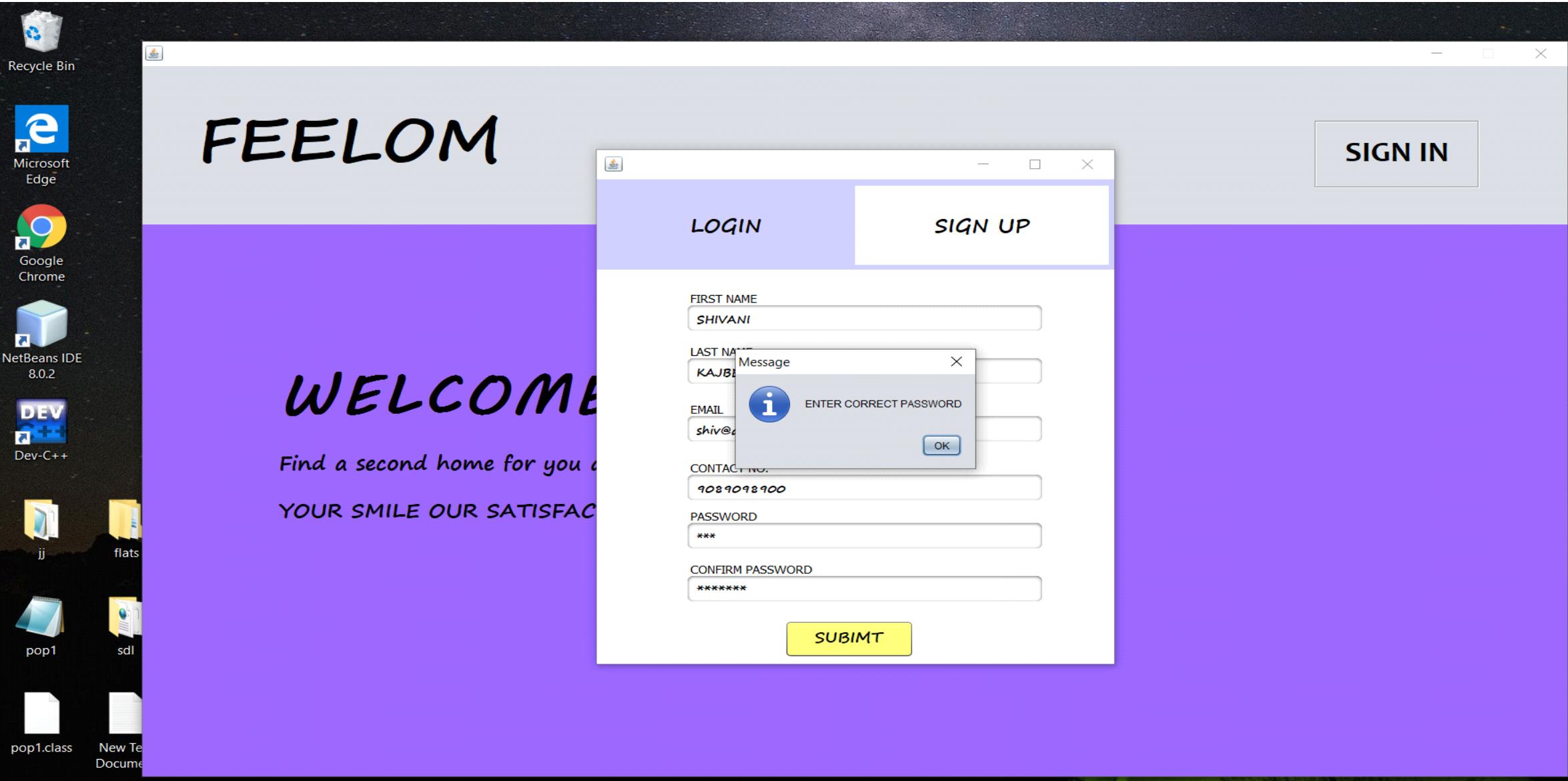
- ✓ Jfreechart-1.0.19
- ✓ Jcommon-1.0.23
- ✓ My SQL JDBC Driver

SCREENSHOTS:

Starting with opening the application, the sign-up page appears .



When incorrect password is entered a error message is displayed



- After the login

Recycle Bin

Microsoft Edge

Google Chrome

NetBeans IDE 8.0.2

Dev-C++

jj flats

pop1 sdl

pop1.class New Tex Document

FEELOM

PROFILE

EXPLORE

ADD FLAT

ANALYSIS

ABOUT US

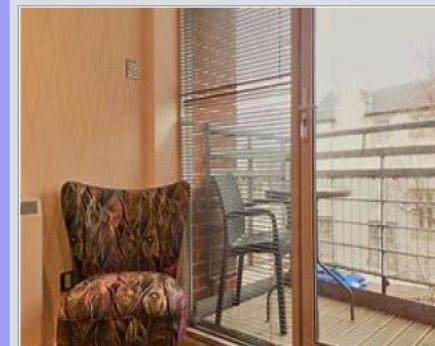
SIGN OUT

LOCATION ANY

GO FILTER

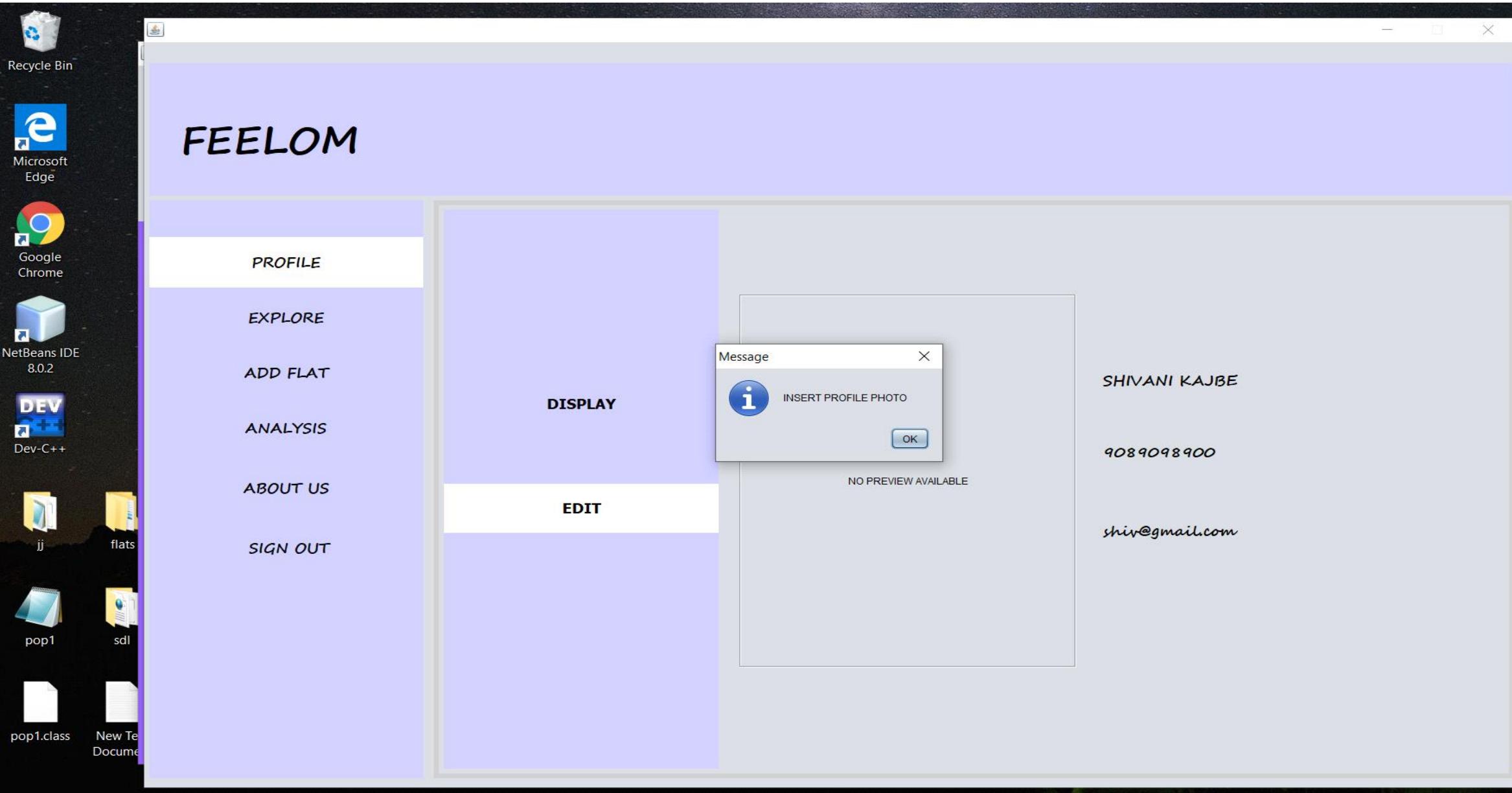
 12000 1 BHK girls/boys katraj more details

 15000 2 BHK girls dhankawadi more details

 4000 2 BHK girls/boys katraj more details

< > 13 results

Inserting the profile photo



Editing profile contents

FEELOM

- PROFILE
- EXPLORE
- ADD FLAT
- ANALYSIS
- ABOUT US
- SIGN OUT

DISPLAY

EDIT



INSERT PHOTO

UPDATE PHOTO

FIRST NAME

LAST NAME

CONTACT NO.

SAVE



Recycle Bin



Microsoft Edge



Google Chrome



NetBeans IDE
8.0.2



Dev-C++

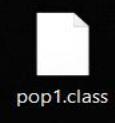


jj flats



pop1

sdl



pop1.class

New Text Document



Type here to search



02:25

15-10-2019

2



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Google Chrome



NetBeans IDE 8.0.2



Dev-C++



jj



flats

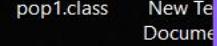


pop1

sdl



pop1.class



New Text Document

FEELOM

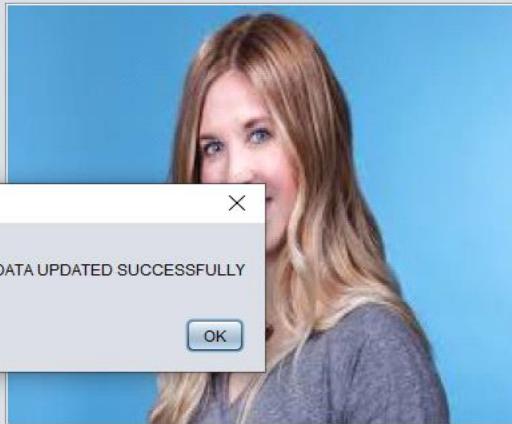
[PROFILE](#)[EXPLORE](#)[ADD FLAT](#)[ANALYSIS](#)[ABOUT US](#)[SIGN OUT](#)[DISPLAY](#)[EDIT](#)

Message



DATA UPDATED SUCCESSFULLY

OK

[INSERT PHOTO](#)[UPDATE PHOTO](#)

FIRST NAME

SHIVANI123

LAST NAME

KAJBE

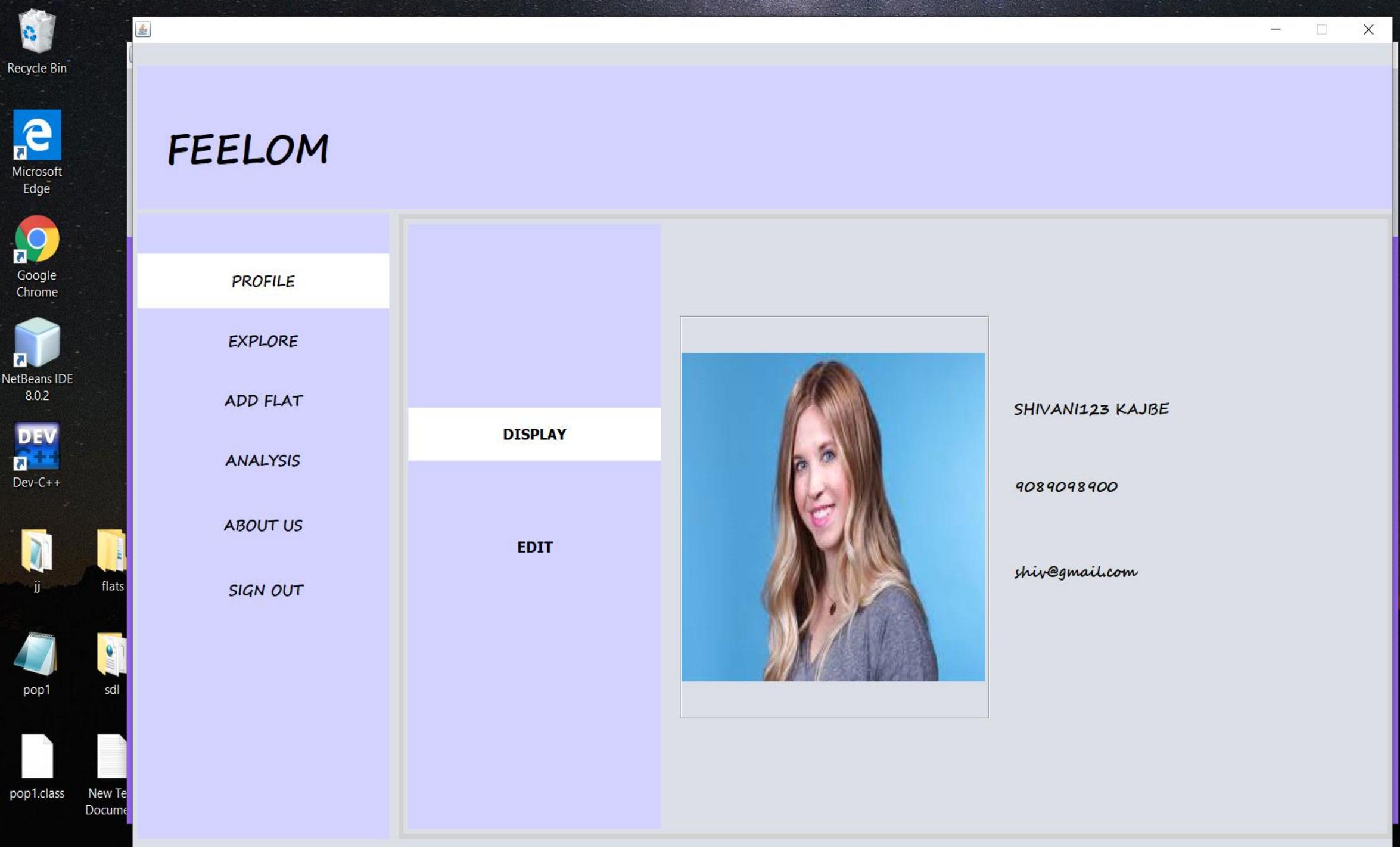
CONTACT NO.

9089098900

[SAVE](#)

Type here to search

02:26
15-10-2019



Explore section displays all the flats

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jj flats

pop1 sdl

pop1.class New Tex Document

FEELOM

PROFILE

EXPLORE

ADD FLAT

ANALYSIS

ABOUT US

SIGN OUT

LOCATION ANY

GO

FILTER

 12000
1 BHK girls/boys
katraj more details

 15000
2 BHK girls
dhankawadi more details

 4000
2 BHK girls/boys
katraj more details

< >

13 results

You can apply filter of your choice

FEELOM

LOCATION ANY

RENT ANY

AMENITIES

ANY GEYSER SECURITY AC BALCONY

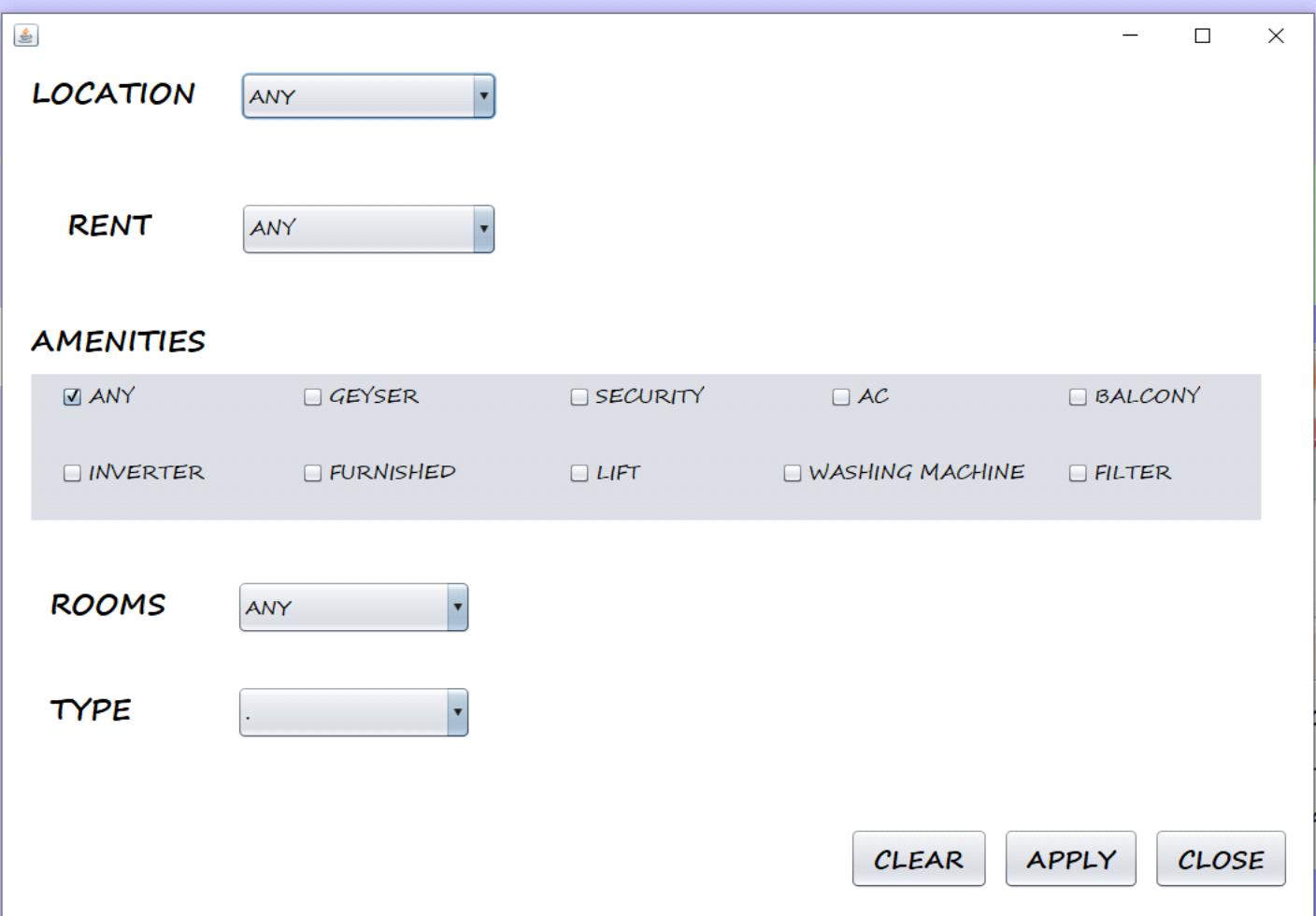
INVERTER FURNISHED LIFT WASHING MACHINE FILTER

ROOMS ANY

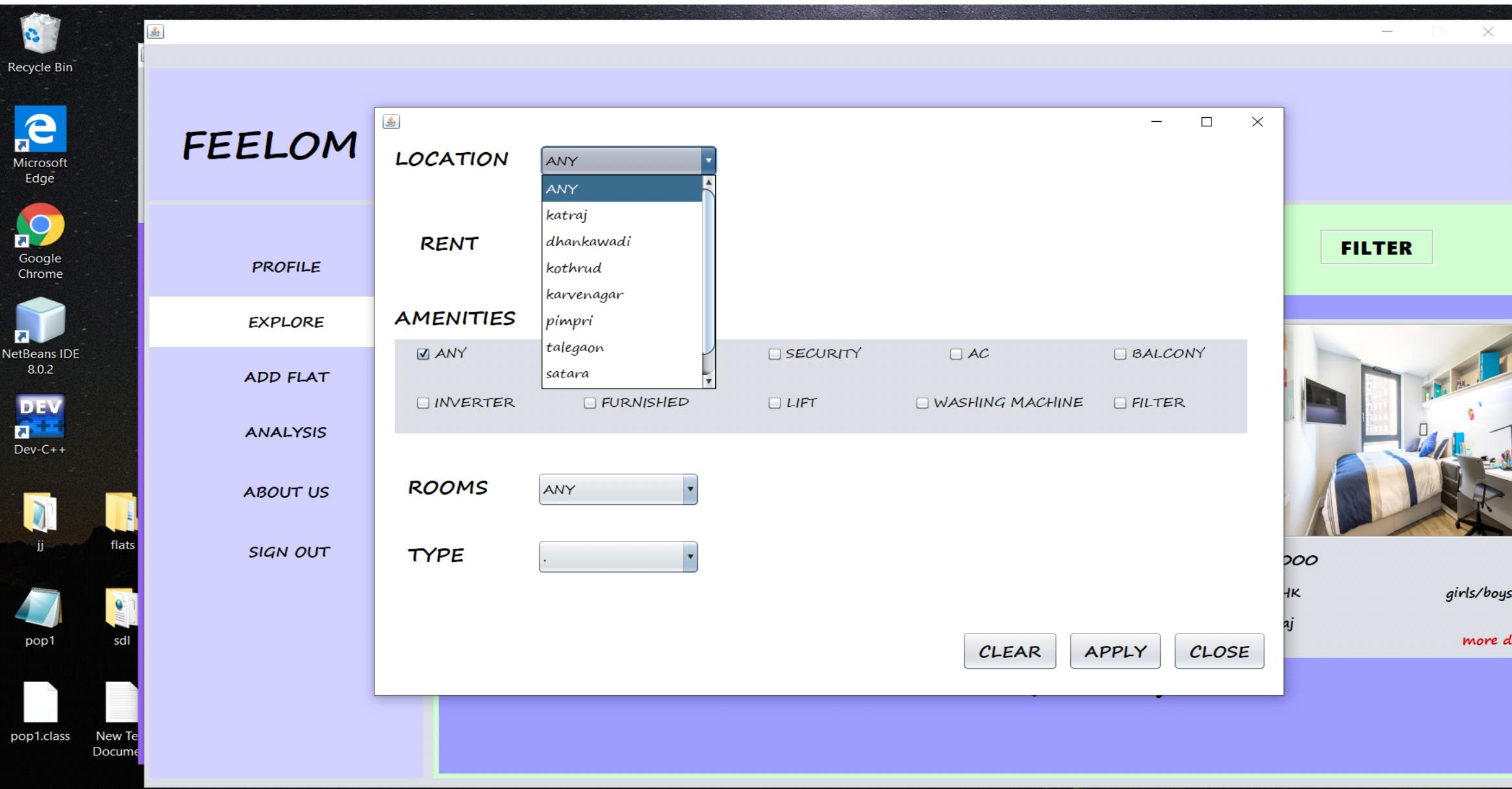
TYPE

CLEAR APPLY CLOSE

FILTER



- A dynamic list is generated which displays all the locations available.



Flats of the respective category are selected.

Recycle Bin

Microsoft Edge

Google Chrome

NetBeans IDE 8.0.2

Dev-C++

JJ flats

pop1 sdl

pop1.class New Te Document

FEELOM

PROFILE

EXPLORE

ADD FLAT

ANALYSIS

ABOUT US

SIGN OUT

LOCATION ANY

GO FILTER

15000

2 BHK girls

dhankawadi more details

< >

more details more details

1 results

The screenshot shows the FEELOM application window. On the left, there's a sidebar with various menu options: PROFILE, EXPLORE (which is currently selected), ADD FLAT, ANALYSIS, ABOUT US, and SIGN OUT. The main area has a light green header bar with a 'LOCATION' dropdown set to 'ANY', a 'GO' button, and a 'FILTER' button. Below this, there's a search result card for a flat. The card features a small image of a modern living room/kitchen area, the price '15000', the type '2 BHK', the location 'girls', and the address 'dhankawadi'. A red 'more details' link is at the bottom right of the card. At the bottom of the main area, there are navigation arrows ('<' and '>') and another 'more details' link. The status bar at the bottom right shows '1 results'.

The owner can add a flat by filling the information.

FEELOM

- PROFILE
- EXPLORE
- ADD FLAT**
- ANALYSIS
- ABOUT US
- SIGN OUT

NO PREVIEW AVAILABLE

INSERT PHOTO +0

TYPE 1 R AVAILABLE AT 14 11 2019

DESCRIPTION good space

LOCATION dhankawadi

ADDRESS flat 2

RENT (PER MONTH) 23000 FLOOR NO. 2

BASIC DETAILS

FILTER SECURITY INVERTER GEYSER AC FURNISHED WASHING MACHINE BALCONY LIFT

STAYING PREFERENCE

GIRLS BOYS ANY

ADD FLAT
CANCEL



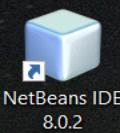
Recycle Bin



Microsoft Edge



Google Chrome



NetBeans IDE 8.0.2



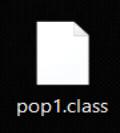
Dev-C++



jj



flats



pop1



New Text Document

02:32



Type here to search



- Multiple images can be inserted of the flat.The count gets incremented accordingly.

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Dev-C++

JJ flats

pop1 sdl

pop1.class New Te Document

FEELOM

PROFILE

EXPLORE

ADD FLAT

ANALYSIS

ABOUT US

SIGN OUT

LOCATION dhankawadi

ADDRESS flat 2

RENT (PER MONTH) 23000 **FLOOR NO.** 2

BASIC DETAILS

FILTER GEYSER WASHING MACHINE

SECURITY AC BALCONY

INVERTER FURNISHED LIFT

STAYING PREFERENCE

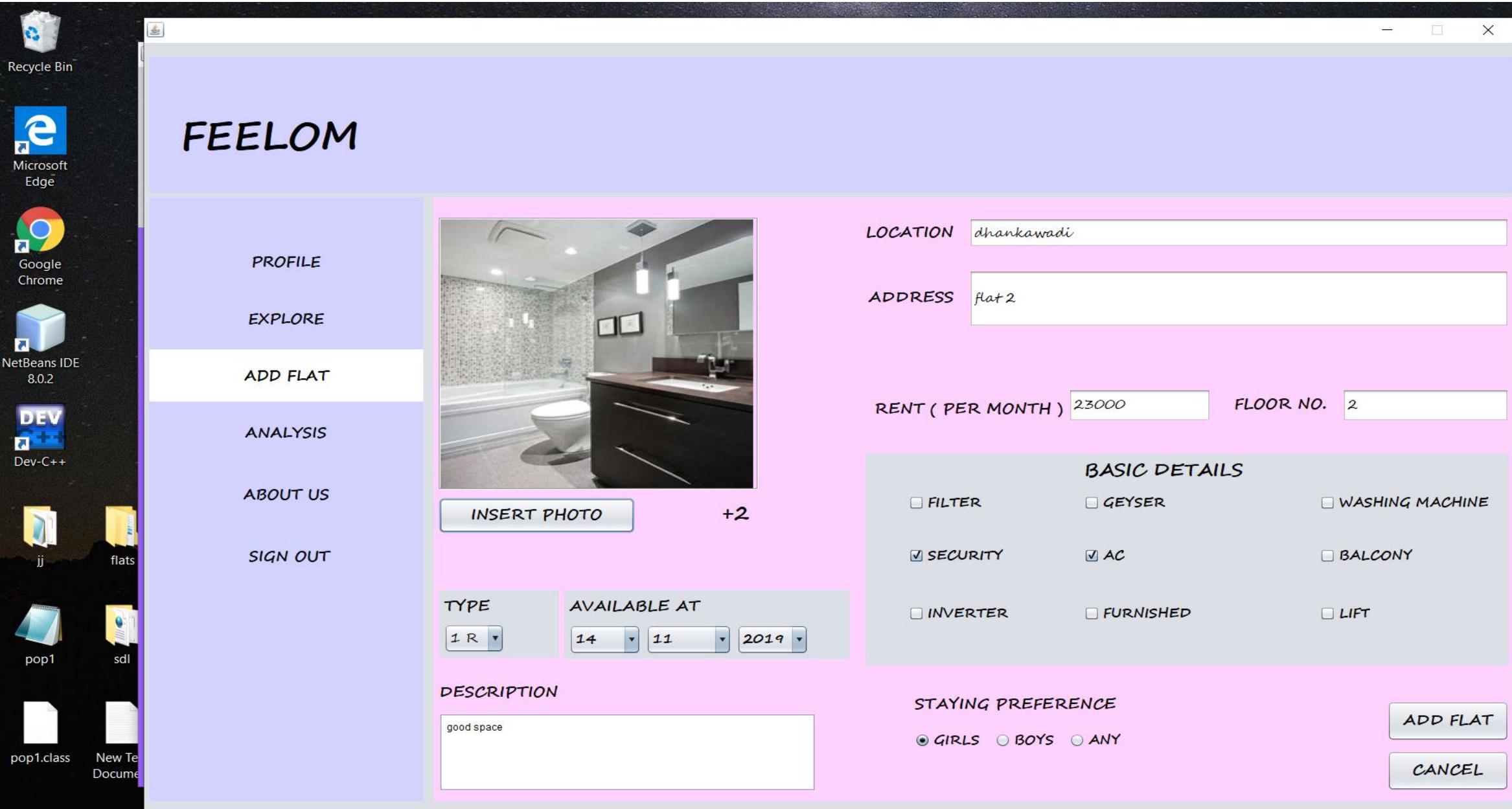
GIRLS BOYS ANY

ADD FLAT

CANCEL

TYPE 1 R **AVAILABLE AT** 14 11 2019

DESCRIPTION
good space



- Flat gets added into the database.

Recycle Bin

Microsoft Edge

Google Chrome

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Dev-C++

jj flats

pop1 sdl

pop1.class New Te Document

FEELOM

PROFILE

EXPLORE

ADD FLAT

ANALYSIS

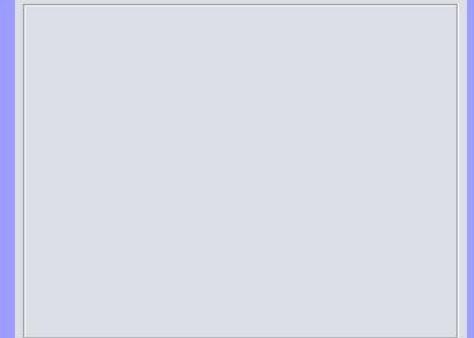
ABOUT US

SIGN OUT

LOCATION GO FILTER


15000
2 BHK
dhankawadi
[more details](#)


23000
1 R
dhankawadi
[more details](#)


[more details](#)

< > 2 results

This screenshot shows a desktop application window titled 'FEELOM'. The window has a light purple header bar with the title and a navigation menu on the left. The menu includes links for PROFILE, EXPLORE (which is currently selected), ADD FLAT, ANALYSIS, ABOUT US, and SIGN OUT. Below the menu is a search bar with the placeholder 'LOCATION' and a dropdown menu showing 'dhankawadi', a 'GO' button, and a 'FILTER' button. The main content area displays two flat listings. The first listing shows a kitchen interior with a green backsplash and white cabinetry, priced at 15000, for 2 BHK in dhankawadi, with a 'more details' link. The second listing shows a balcony view with a brick wall and a green railing, priced at 23000, for 1 R in dhankawadi, also with a 'more details' link. There is a large empty placeholder box on the right side of the content area. At the bottom, there are navigation arrows labeled '<' and '>' and a text '2 results'. The desktop background is dark, and the taskbar at the bottom shows various system icons and the date/time.

You can also view the details of the flat you wish.

FEELOM

PROFILE

EXPLORE

ADD FLAT

ANALYSIS

ABOUT US

SIGN OUT



<< +3 >>

BACK

LOCATION dhankawadi

FLOOR 2

RENT 23000

AVAILABLE FROM 2019-11-14

TYPE 1 R

STAY PREFERENCE girls

ADDRESS flat 2

DESCRIPTION description

AMENITIES amenities

OWNER INFORMATION

NAME SHIVANI123 KAJBE

EMAIL shiv@gmail.com

CONTACT NO. 9089098900



Recycle Bin



Microsoft Edge



Google Chrome



NetBeans IDE 8.0.2



Dev-C++



jj



flats



pop1



sdl



pop1.class



New Text Document



Type here to search



02:47

15-10-2019



- A pie chart showing the overall analysis is also provided.



The about us section.

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Microsoft Edge

Google Chrome

NetBeans IDE 8.0.2

Dev-C++

jj flats

pop1 sdl

pop1.class New Text Document

FEELOM

PROFILE

EXPLORE

ADD FLAT

ANALYSIS

ABOUT US

SIGN OUT

GET IN TOUCH

Want to get in touch ?We would love to hear from you.Here is how you can reach us ...

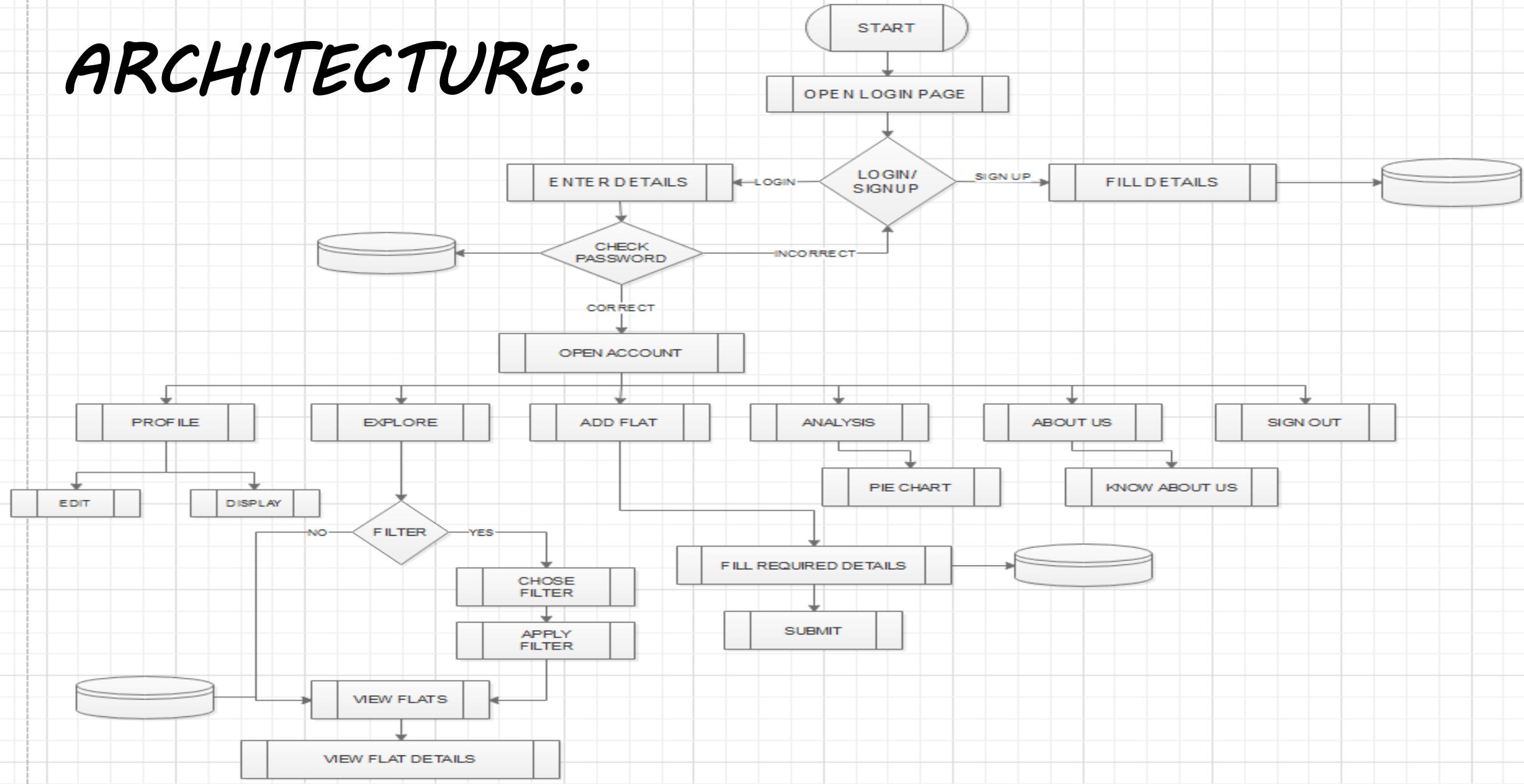
TALK TO US

Vaishnavi Bankar : 8787878787
Divya Agarwal : 9879879876
Swarna Gosavi : 9879879870

MAIL US

vaishnavipbankar@gmail.com
abdivya@gmail.com
swarna.19@gmail.com

ARCHITECTURE:



USE CASE DIAGRAM



CONCLUSION:

Thus a Desktop Application for flat rental system was created. The database used was MySQL Query browser and the software used was Netbeans . Many new concepts of Java swing were implemented successfully .

FUTURE SCOPE:

- ✓ The current application consists of a platform where everyone can view and update flats.
- ✓ In future, after modifications, this will also be used to trace the location of the FLATS.
- ✓ The user can communicate to the owner without involving the third party.
- ✓ We can also add the documentation work online.
- ✓ This will not only save the time but will also help in getting the procedures done fast.

REFERENCES:

•LINKS:

- <https://stackoverflow.com>
- <https://www.geeksforgeeks.org>
- <https://www.wikipedia.org>
- <https://www.cs.mun.ca>
- <https://www.javatpoint.com/ResultSet-interface>
- <https://docs.marklogic.com/guide/java/intro>
- <https://developers.google.com/api-client-library/java>

BOOKS:

- Swing Hacks: Tips and Tools for Killer GUIs
Book by Chris Adamson and Joshua Marinacci
- Up to Speed with Swing:
Book by Steven J. Gutz