

ANY TO-LET

Ahsanullah University of Science & Technology

Department of Computer Science & Engineering



ANY TO-LET

CSE 3224

Information System Design

&

Software Engineering Lab

Submitted By:

Solayman Hossain Emon	16.01.04.091
-----------------------	--------------

Nahid Hasan	16.01.04.106
-------------	--------------

Md Toasin Habib	16.01.04.107
-----------------	--------------

Date of Submission : **12 February, 2019**

SAMPLING DECISIONS

We have undertaken target-oriented method for sampling. Our target research included Facebook, Twitter, Direct E-mail, messages, colleges, universities and friends meet-up places.

SAMPLE DESIGN

- 1. Sample Size:** The sample size selected for the research is 58.
- 2. Parameters of Interests:** The major parameter of interest is the group of people generally looking for various rental products and having some experience in using the online applications.
- 3. Sampling Technique:** We have used Stratified sampling .

DATA COLLECTION TOOL USED

The data collection tool used for the research is “Questionnaires” to get the primary data for the empirical research on customer preference on online To-let system .The Questionnaire which is attached in the next page consists of several questions printed in a definite order on a form which the respondents read. Google form is used to collect the data from the users.

QUESTIONNAIRE ON ANY TO-LET

(We would like to know more about how you choose the rental products. You can help us to learn more by filling out the questionnaire. We do not share your answers with anyone else, so they remain confidential if you have any questions please ask your presenter.)

Closed ended question

Personal Information

Enter your Name : _____

E-mail Address : _____

Demographics Information

Gender :

- ☐ Male
- ☐ Female
- ☐ Others

Age :

- ☐ Below 18 years
- ☐ 18-25 years
- ☐ 25-35 years
- ☐ Above 35

Occupation :

- ☐ Student
- ☐ Businessman
- ☐ Housewife
- ☐ Officiary
- ☐ Other : _____

Place of residence ?

- ☐ Dhaka
- ☐ Chittagong
- ☐ Rajshahi
- ☐ Barisal
- ☐ Sylhet
- ☐ Rangpur
- ☐ Khulna
- ☐ Other : _____

If you don't mind , what's your monthly income (BDT)?

- ☐ Below 5000
- ☐ 5000-15000
- ☐ 15000-30000
- ☐ Other : _____

Project Related Questions

How long you have been using internet ?

- ☐ Less than 1year
- ☐ 1-3 years
- ☐ 3-5years
- ☐ More than 5 years

On an average how much time you spend on surfing the web?

- ☐ 0-2 hrs
- ☐ 3-5 hrs
- ☐ 5-7 hrs
- ☐ 7-9 hrs

Do you think the manual To-let systems through brokers has some limitations?

- ☐ Yes
- ☐ No
- ☐ Maybe

If It has, What type of limitation?

- ☐ Time Consuming
- ☐ Lack of Security
- ☐ Not cost beneficial
- ☐ Above all of those

Do you think an online To-let application would be more convenient to the users?

- ☐ Yes
- ☐ No
- ☐ Maybe

If you have made an online to-let process , how was your experience?

	1	2	3	4	5	
Terrible	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Excellent

What features in to-let application attracts you?

- ☐ Design
- ☐ Security System
- ☐ Various Categories
- ☐ Other _____

While using an online application what affects your satisfaction the most?

	Very Important	Somewhat Important	Not Important
User Friendly Interface	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Adequate Search Option	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Strong Security	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Quickly Response	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Do you think there should be a section for Female students and Bachelor?

- ☐ Yes
- ☐ No
- ☐ Maybe

Open ended questions

Do you have any kind of suggestions about the online To-let application?

What types of steps would be taken to ensure the security of the System you think ?

DATA ANALYSIS

Q : Gender

Gender		
Male	Female	Total
31	27	58

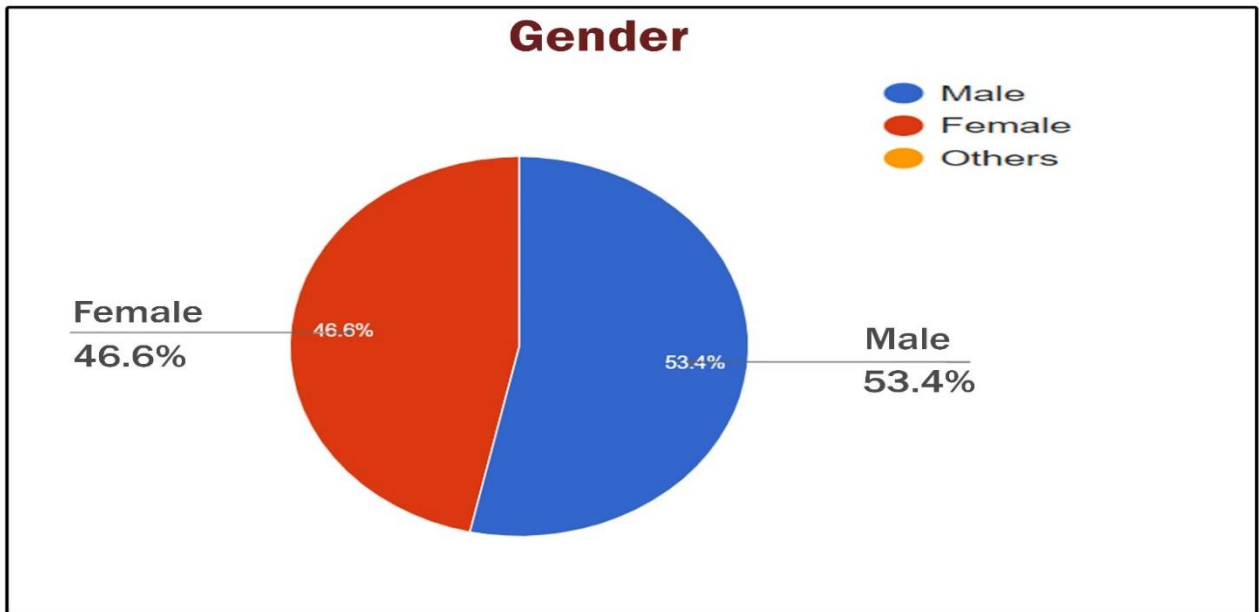


Illustration:

The above diagram depicts that out of the total 58 respondent . From there 53.4% of the respondent were male as the objective was to study the consumer behavior with respect to online To-let, as generally rental product is more searched by the male respondent.

Q : Age Brackets

Age Brackets				
Below 18 years	18-25 years	25-35 years	Above 35 years	Total
2	45	9	2	58

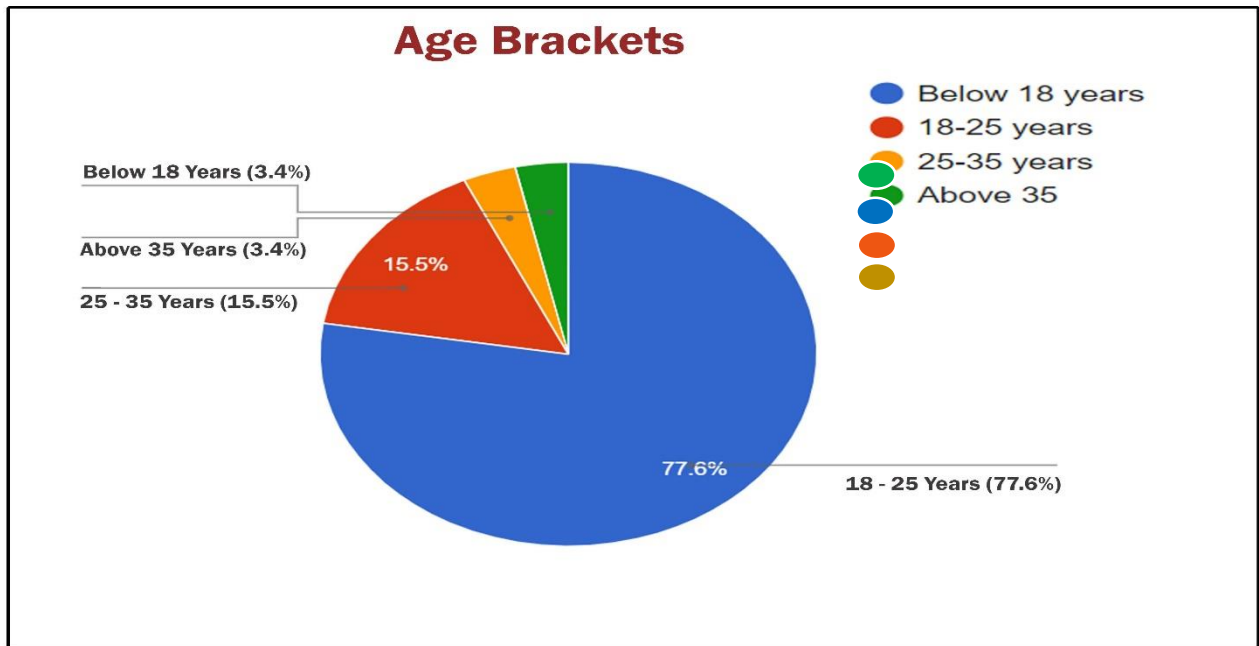


Illustration:

The 77.6 % of the respondent were among 18-25 years age bracket as these respondents are generally students and up-to-date with the online system. Another 15.5% of the respondent were ranging from 25-35 years age bracket , as these respondents are ready to adapt changes .The remaining 3.4% and 3.4% respondent were ranging from age brackets above 35 years and below 18 years.

Q : Occupation

Occupation							
Student	Businessman	Officiary	Housewife	Programmer and Developer	Player	Coach	Total
43	6	4	2	1	1	1	58

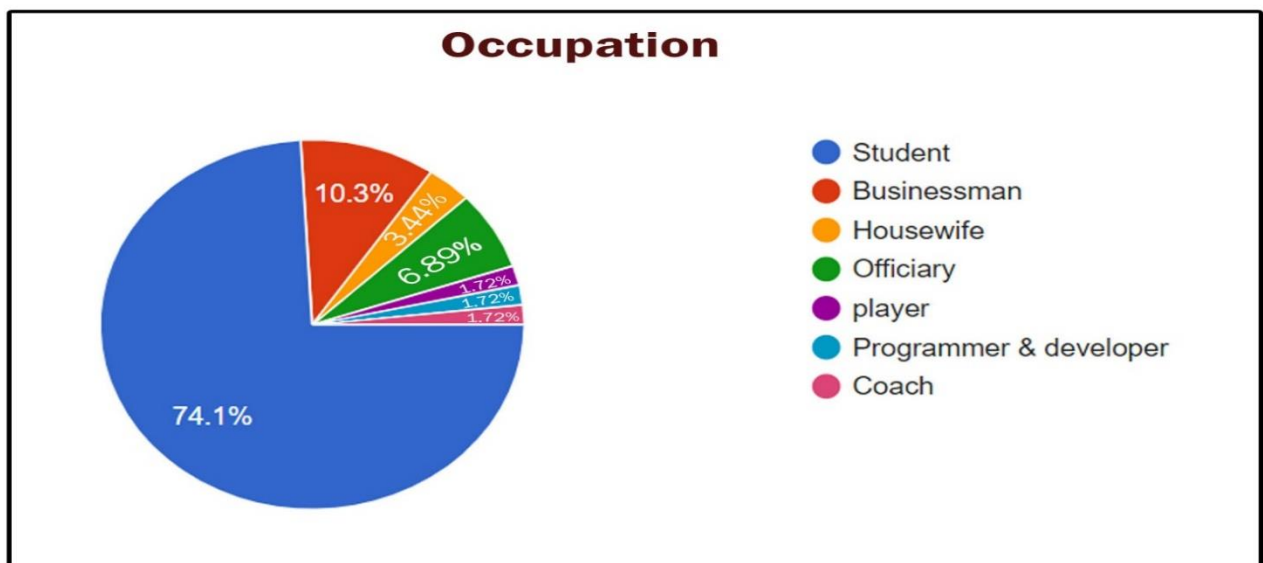


Illustration:

For the research to be successful most of the respondent are students who are educated.

Q : Do you think the manual To-let systems through brokers has some limitations?

Manual System Has Limitation?			
Yes	No	Maybe	Total
52	1	5	58

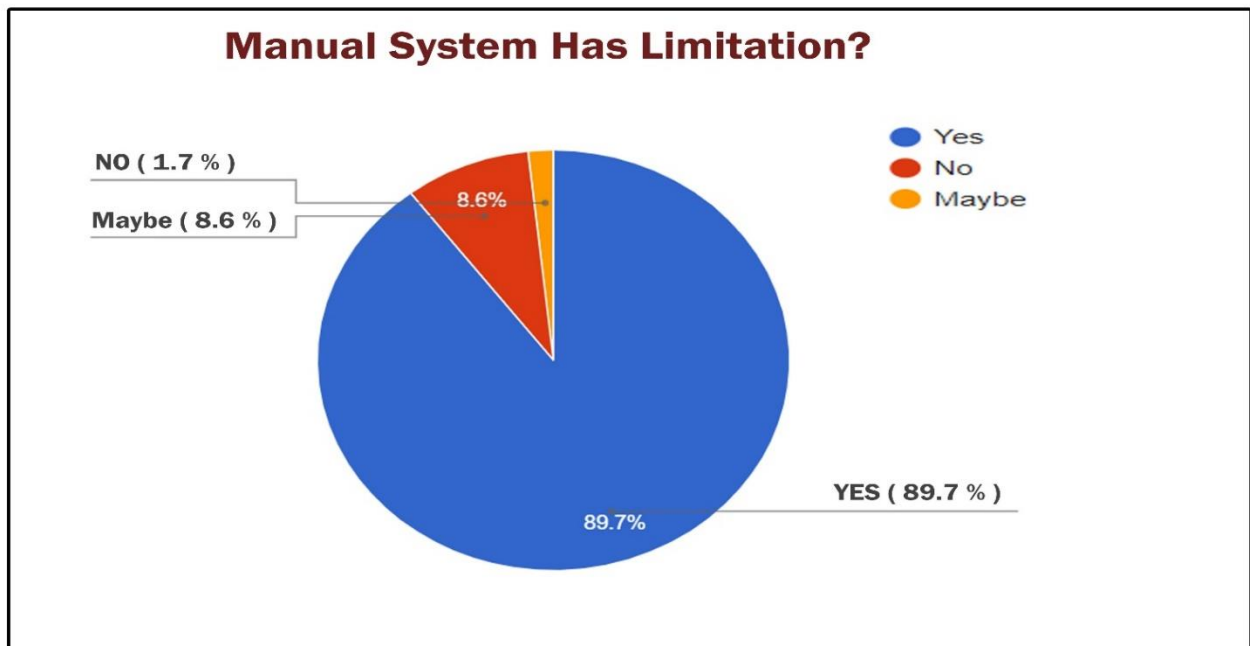


Illustration:

- The above diagram depicts that 89.7% people thought the manual to-let system has limitation. It indicates that the consumers may face some type of harassment through this system.
- From survey few people as 8.6% people said that the manual system might have some limitation.
- A very little portion of people state that there is no limitation in manual to-let system.

Q : If It has , What type of limitations?

What type of Limitations ?				
Time Consuming	Lack of Security	Not Cost Beneficial	Above all of those	Total
25	10	6	17	58

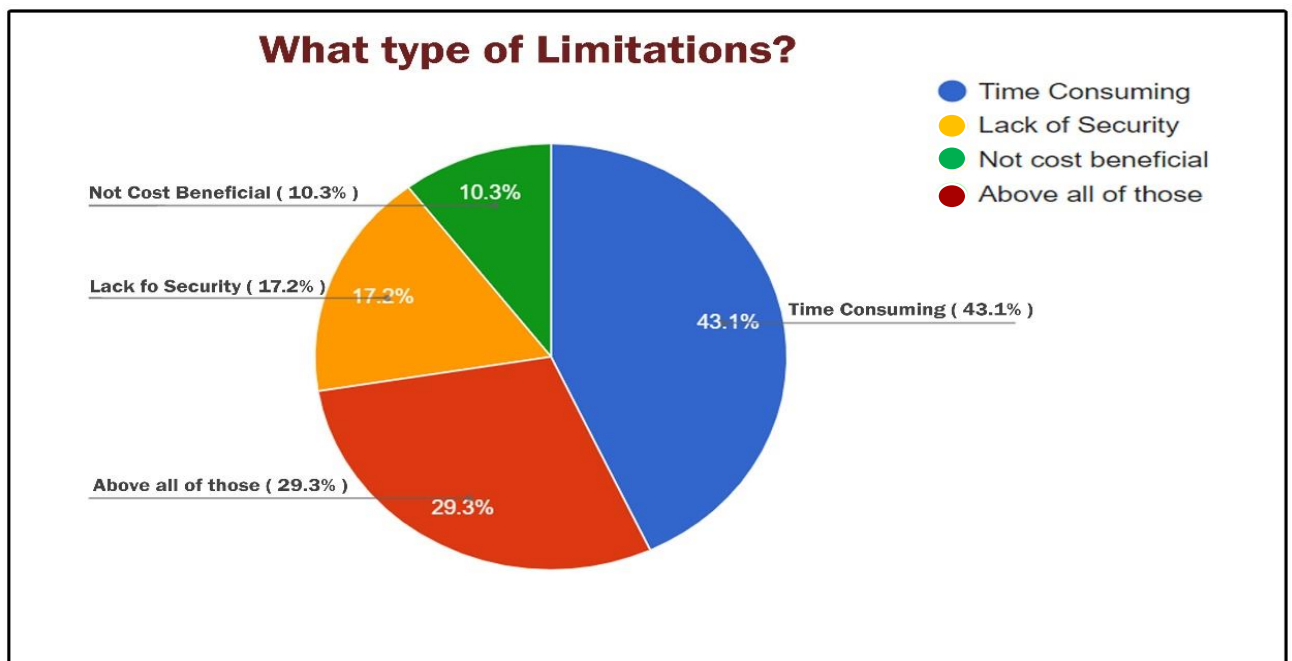


Illustration:

- 43.1% of people thought that the manual system has a limitation of Time Consuming.
- 10.3% of people said about the non-cost beneficial and 17.3% said about the security issues.
- On the other hand , there is a 29.3% people those thought that the manual system has above all of those limitations.

Q : How long you have been using internet?

How long using internet?				
3-5 years	1-3 years	More than 5 years	Less than 1 year	Total
32	14	12	0	58

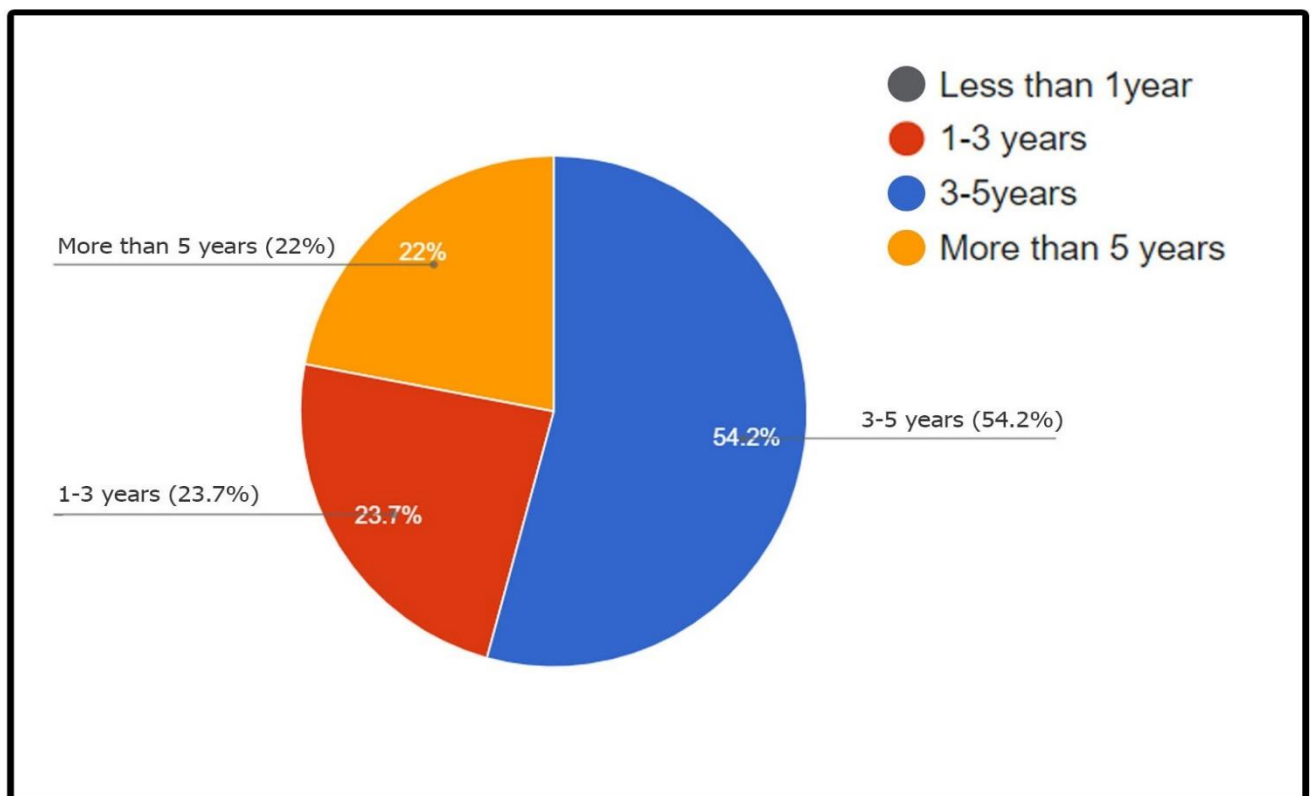


Illustration:

- The above diagram depicts that 54.2% respondent using internet around 3-5 years .
- 23.7% people have experience of using internet around 1-3 years.
- The 22% of respondent using internet around more than 5 years.

Q : Do you think an online To-let application would be more convenient to the users?

Online To-let would more Convenient ?			
Yes	No	Maybe	Total
50	1	7	58

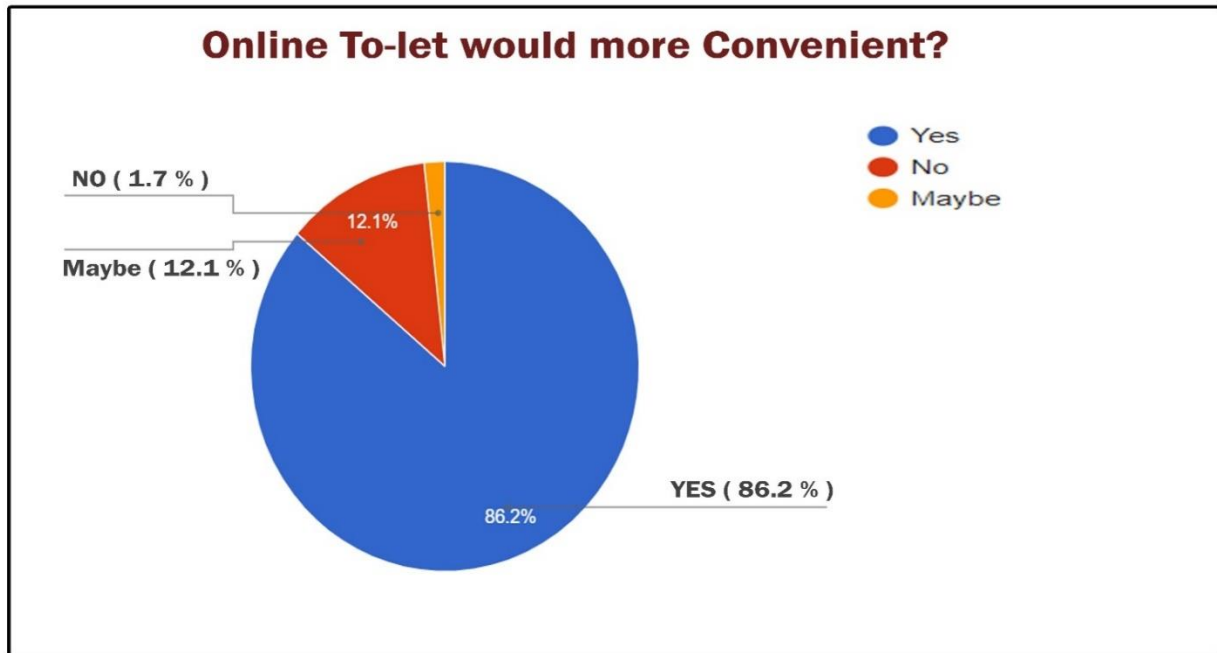


Illustration:

- The 86.2 % of the respondent agree with the question of whether the online to-let system would more convenient.
- 12.1% of respondent thought this might be convenient and only 1.7% thought that the system is no convenient.

Q : What features in to-let application attracts you?

Features that attracts you ?					
Design	Security System	Various Categories	Female Mess	Nothing Attract me	Discount
63.8%	70.7%	50%	3.4%	1.7%	1.7%

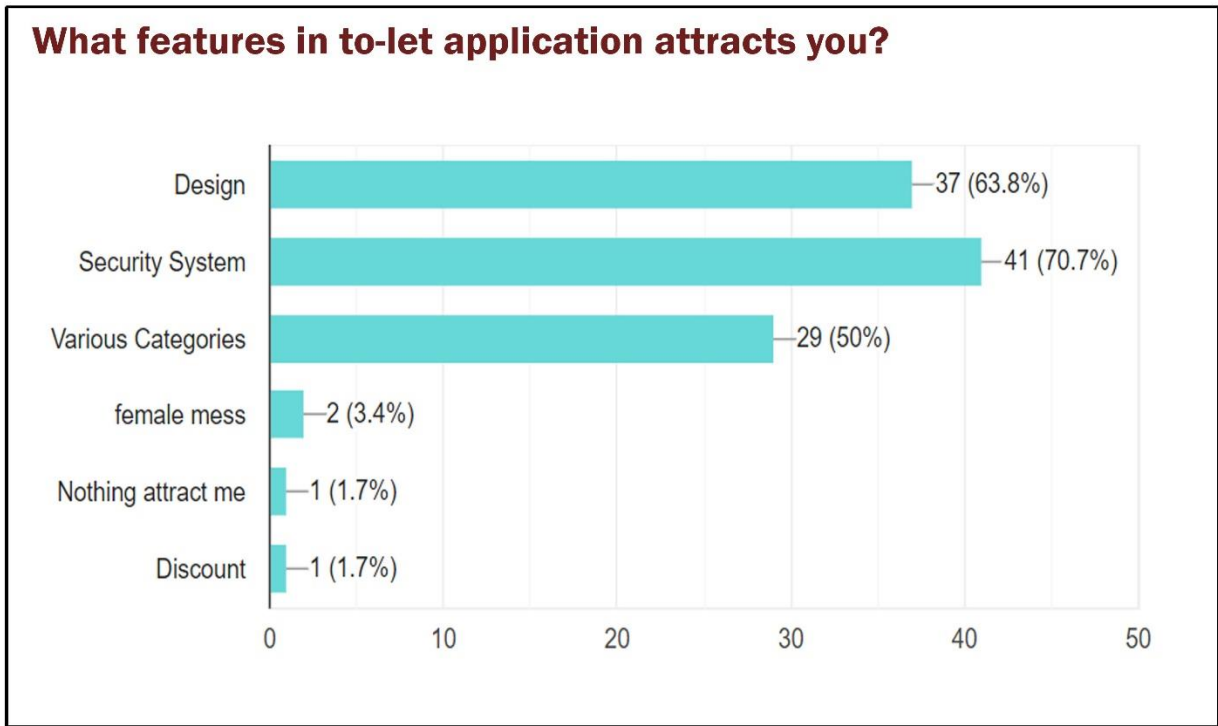


Illustration:

This question contains check box functionality in Questionnaires . The 70.7 % of the respondent said that they are attracted by Security System feature in the application. 63.8% people attracted by the design of the application and 50% attracted by the various categories. The respondent also response the others option such as female mess(3.4%),Discount(1.7%), Nothing attract me(1.7%).

Q : If you have made an online to-let process , how was your experience?

Experience					
1	2	3	4	5	Total
0	2	8	25	23	58

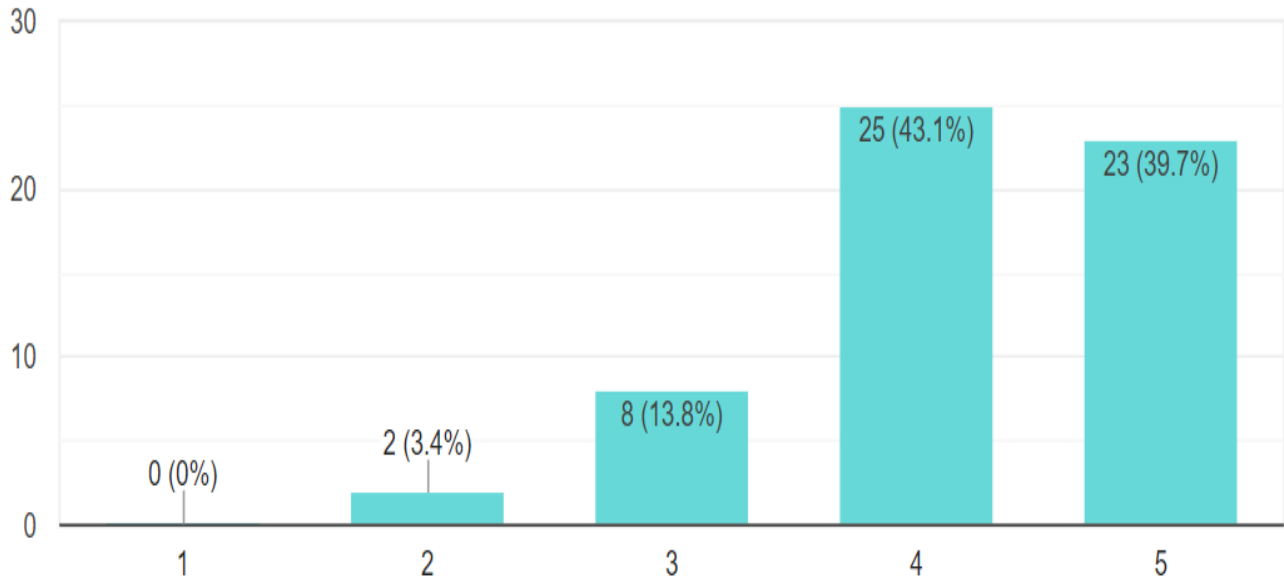


Illustration:

- The 39.7% of respondent give 5 out of 5 in their response . This indicates that their experience is excellent through using the online application.
- 43.1% of respondent give 4 , that considered as a good experience using the application.
- 13.8% respondent has average experience of using the online to-let application.

Q : Do you think there should be a section for Female students and Bachelor?

Should be a section for Female Students and Bachelor ?			
Yes	No	Maybe	Total
47	2	9	58

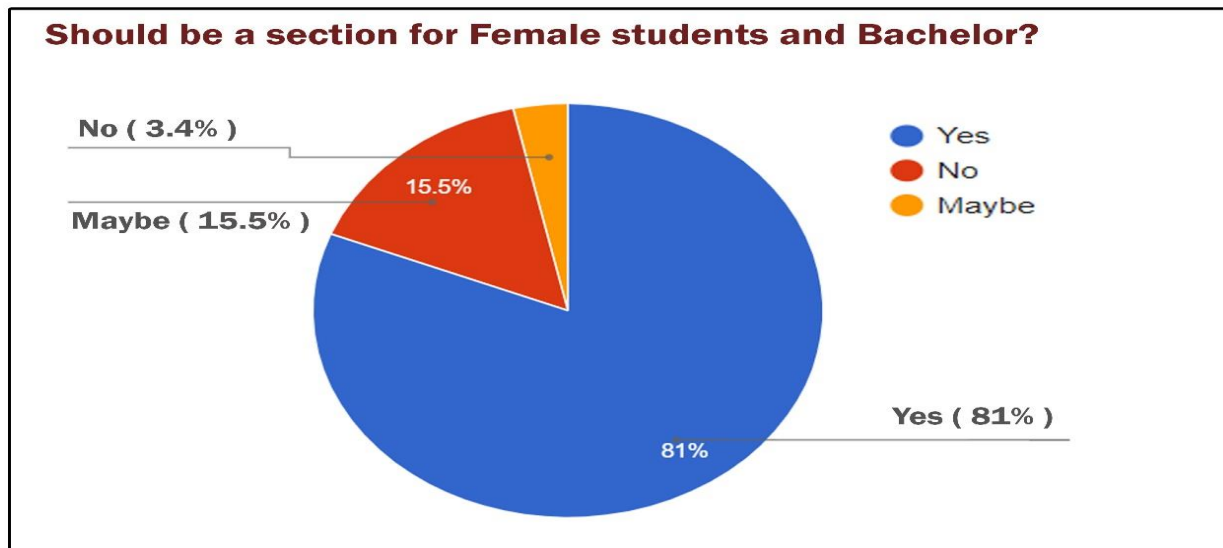
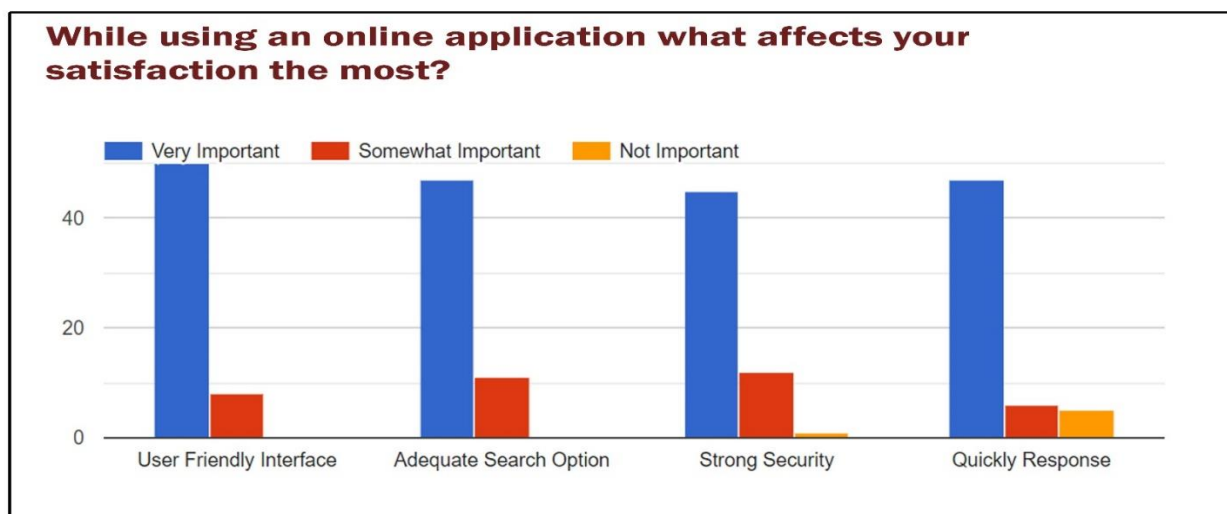


Illustration:

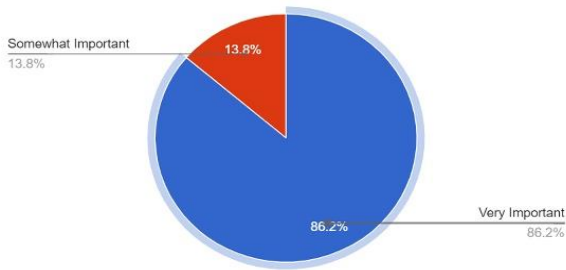
- The 81 % of the respondent agreed that there should be a section for female students and bachelors.
- 15.5 % of respondent thought that there might be useful if there is a section for female students and bachelors.
- The only 3.4% of respondent disagreed that .

Q : While using an online application what affects your satisfaction the most?

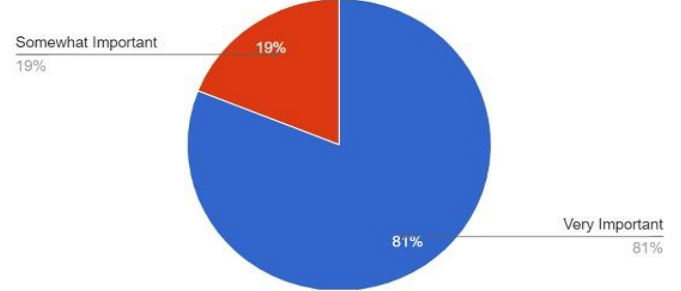


ANY TO-LET

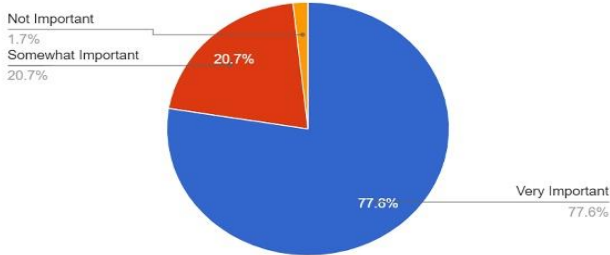
User Friendly Interface



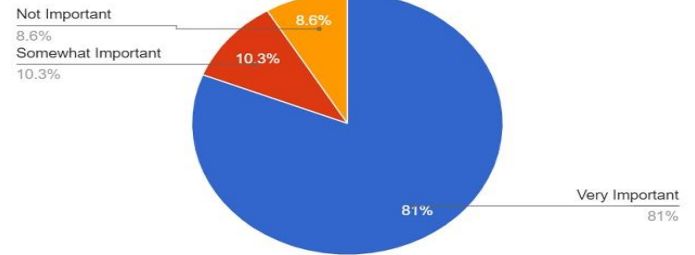
Adequate Search Option



Strong Security



Quickly Response



Satisfaction Affects

User Friendly Interface		Adequate Search Option		Strong Security			Quickly Response		
Very Important	Somewhat Important	Very Important	Somewhat Important	Very Important	Somewhat Important	Not Important	Very Important	Somewhat Important	Not Important
86.2%	13.8%	81%	19%	77.6%	20.7%	1.7%	81%	10.3%	8.6%

Illustration:

- In the term of user friendly interface the 86.2 % of the respondent thought that it is very important.
- Very Important section get 81% and 77.6% response in Adequate Search Option and Strong Security.
- Quick Response term get 81% response in very important section.

OVERALL FINDINGS :

Question	Picked output
Do you think the manual To-let systems through brokers has some limitations?	Yes (89.7%)
If It has , What type of limitation?	Time Consuming (43.1%)
Do you think an online To-let application would be more convenient to the users?	Yes (86.2%)
What features in to-let application attracts you?	Security System (36.9%)
Do you think there should be a section for Female students and Bachelor?	Yes (81%)
If you have made an online to-let process , how was your experience?	Average: 4.21 (Out of 5)
Gender	Male(53.4%)
Age	18 – 25 years (77.6%)
Occupation	Student(74.1%)
Place of residence	Dhaka (61.8%)
Monthly Income	Below 5000 (38.2%)

CONCLUSION:

From the above survey , The general consumer face various harassment in manual rental system. we find that most of the people agree with the term development of online rental application. The users response about their experience of using application and give their requirement or suggestion for developing a convenient application.