# Ahsanullah University of Science & Technology
### Department of Computer Science & Engineering



# [Blogging Website]

## CSE 3224
## Information System Design
## &
## Software Engineering Lab

Submitted  By:

| | |
|---|---|
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# Sampling Decisions:

We have undertaken target-oriented method for sampling. Our target research included Facebook, Twitter, Direct E-mail, messages, colleges, universities, and public places in Dhaka city.

# Sample Design:

**1.Sample Size:** The sample size selected for the research is 72.

**2.Parameters of Interests:** The major parameter of interest is the subgroup of people having an experience in writing and reading blogs.

**3.Sampling Technique:** Any probabilistic sampling technique described in the class.

# 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 b.

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.

# Questionnaire on Blogging Site

We are working on building a Bengali Blogging Website. We will be grateful if you response to the questions below. We do not share your answers with anyone else, so they remain confidential.

1. **Email address** *

   _____

2. **Name** *

   _____

3. **Age** *

   *Mark only one oval.*

   ( ) Below 18

   ( ) 18 - 25

   ( ) 25 - 30

   ( ) 30 - 40

   ( ) Above 40

4. **Residence** *

   *Mark only one oval.*

   ( ) Dhaka

   ( ) Chattogram

   ( ) Sylhet

   ( ) Barisal

   ( ) Khulna

   ( ) Rangpur

   ( ) Rajshahi

5. **Occupation** *

   *Mark only one oval.*

   ( ) Student

   ( ) Doctor

   ( ) Businessman

   ( ) Service Holder

   ( ) Engineer

   ( ) Other: _____

# Query on Bloggers

If you ae not a writer please move on to next section :)

6. **Do you have your own blog? If no, please go to next section** *

*Mark only one oval.*

( ) Yes

( ) No

7. **Which website do you use for blogging?**

*Mark only one oval.*

( ) WordPress.com

( ) Blogger.com

( ) Tumbler.com

( ) Medium.com

( ) Other: _____

8. **Does it take too time to load?**

*Mark only one oval.*

( ) Yes

( ) No

( ) May Be

9. **What is your main reason for blogging?**

*Mark only one oval.*

( ) Knowledge exchange

( ) Promoting business

( ) Entertainment and fun

( ) Networking and exposure

( ) Other: _____

10. **How often do you post?**

*Mark only one oval.*

( ) Daily

( ) Weekly

( ) Monthly

( ) Every six weeks

( ) Other: _____

**11. Did you ever get into trouble because of things you have written on your blogs?**
*Mark only one oval.*

◯ Yes

◯ No

◯ wish not to tell

**12. From scale 1 to 10 how important do you think writer's anonymity ?**
*Mark only one oval.*

|  | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |  |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Not Important | ◯ | ◯ | ◯ | ◯ | ◯ | ◯ | ◯ | ◯ | ◯ | ◯ | Very Important |

**13. What kind of blogging website do you prefer most?**
*Mark only one oval.*

◯ Blogging on self-made site (like wordPress.com , Blogger.com)

◯ Blogging on sites with registration

◯ Other: _____

# Query on Readers

**14. Do you read blogs? ***
*Mark only one oval.*

◯ Yes

◯ No

**15. What type of article do you want to have in a blogging website? ***
*Check all that apply.*

☐ Sports

☐ History

☐ Tutorial

☐ Philosophy

☐ Lifestyle

☐ Technology

☐ Travel

☐ Food

☐ Health

☐ Literature

☐ Politics

☐ Other: _____

16. **In homepage, what do you prefer most?** *

   *Mark only one oval.*

   ( ) Newly posts

   ( ) Most viewed posts

   ( ) Preferable posts

   ( ) Other: _____

17. **How long should it take it to delete reported/unethical post?** *

   *Mark only one oval.*

   ( ) Hours

   ( ) 1 day

   ( ) 2 day

   ( ) Not more than weeks

18. **What language would you prefer for blogging?**

   *Check all that apply.*

   [ ] Bangla

   [ ] English

   [ ] Other: _____

19. **Have you ever used any Bangla blogging website?** *

   *Mark only one oval.*

   ( ) Yes

   ( ) No

20. **If yes, what do you think are the drawbacks of Bangla blogging website?**

   *Check all that apply.*

   [ ] Bad user Interface

   [ ] Not user-friendly

   [ ] Poor recommendation System

   [ ] Security Issue

   [ ] Posts are unorganized

   [ ] Other: _____

21. **While using a blogging website what affects your satisfaction the most?** *

   *Mark only one oval per row.*

| | Not Important | Somewhat Important | Very Important |
|---|---|---|---|
| User Interface | ( ) | ( ) | ( ) |
| User Friendliness | ( ) | ( ) | ( ) |
| Security and Privacy | ( ) | ( ) | ( ) |
| Information Availability | ( ) | ( ) | ( ) |
| Adequate Search Option | ( ) | ( ) | ( ) |

22. **Do you think this system can play a major role in information exchange?** *

*Mark only one oval.*

◯ Yes

◯ No

◯ Not sure

23. **Do you have anything you'd like to suggest?**

_____

☐ Send me a copy of my responses.

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# Data Analysis:

**Total Number of Respondents: 72**
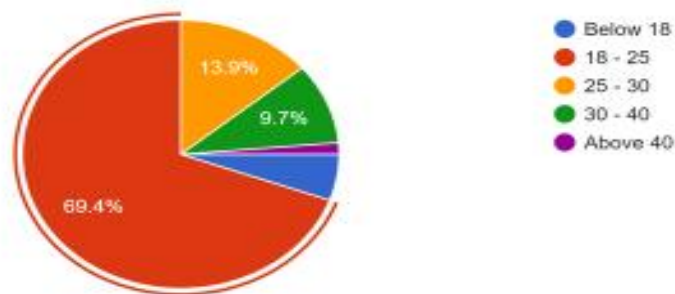
**Demographic Information:**

**Age-Group**

| Below 18 | 18-25 | 25-30 | 30-40 | Above 40 |
|----------|-------|-------|-------|----------|
| 4 | 50 | 10 | 7 | 1 |

Age

72 responses



**Illustration:**

- The above diagram depicts that out of the total 72 respondent 69.4% of the respondent were ranging from 18-25 age, 13.9% from 25-30 age, 9.7% from age 30-40.
- For the research to be successful most of the respondent are **University Students and Graduated Students** as they are more informed about blogging websites.
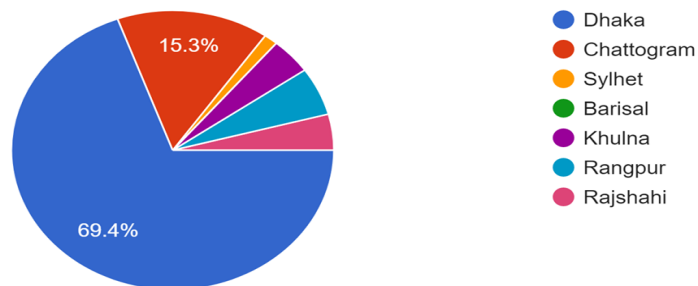
**Place of Residence:**

| Dhaka | Chattogram | Sylhet | Barisal | Khulna | Rangpur | Rajshahi |
|-------|-----------|--------|---------|--------|---------|----------|
| 50 | 11 | 1 | 0 | 3 | 4 | 3 |

Residence

72 responses



**Illustration:**

- The diagram above identifies that out of 72 respondents, 69.4% lives in Dhaka and 15.3% Chittagong.
- As most of the bloggers are from well-known varsities live in Dhaka, this specific community was intentionally emphasized.
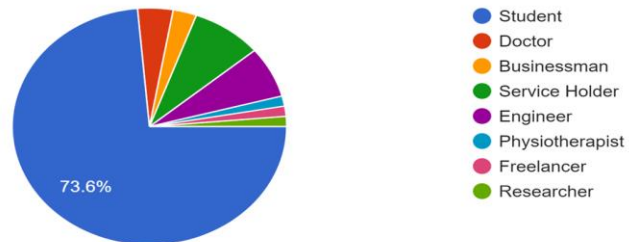
**Occupation:**

| Student | Doctor | Businessman | Service Holder | Engineer | Physiotherapist |
|---------|--------|-------------|----------------|----------|-----------------|
| 53 | 3 | 2 | 6 | 5 | 1 |

| Freelancer | Researcher |
|------------|------------|
| 1 | 1 |

Occupation

72 responses



- Student
- Doctor
- Businessman
- Service Holder
- Engineer
- Physiotherapist
- Freelancer
- Researcher

73.6%

**Illustration:**

- The above diagram depicts that out of the total 72 respondent 73.6% of the respondent were students, alongside a slight portion of service holder and engineer has seen.
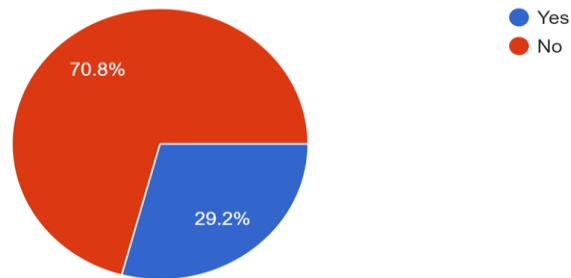- Nowadays, blogging has got much interest and favour among student community.

**Project Related Questions:**

**Q1: Do you have any blog if no please go to next section?**

| Yes | No |
|-----|-----|
| 51  | 21  |

Do you have your own blog? If no, please go to next section
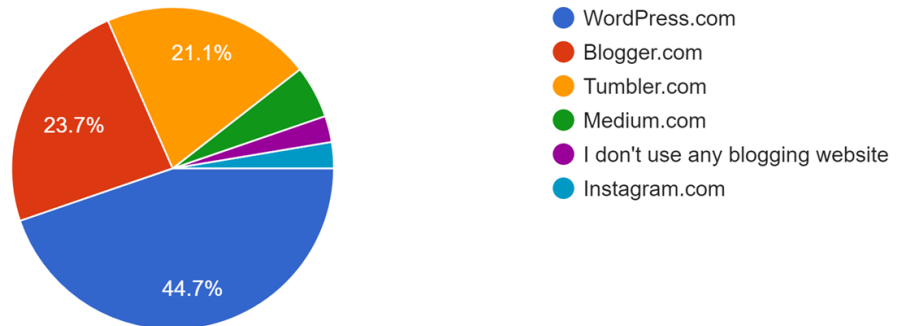72 responses



**Illustration:**

- The diagram shows that 70.8% of the total respondents do not have their own blog and 29.2% of the respondents have their own blog.
- Many people are unaware of how a blogging website works which refrains them from creating their own blog.

**Q2: Which website you use for blogging?**

| WordPress | Blogger | Tumbler | Medium | Instagram | I don't use any blogs |
|-----------|---------|---------|--------|-----------|------------------------|
| 17 | 9 | 8 | 2 | 1 | 1 |

## Which website do you use for blogging?

38 responses



Legend:
- WordPress.com
- Blogger.com
- Tumbler.com
- Medium.com
- I don't use any blogging website
- Instagram.com

Pie chart values: 44.7%, 23.7%, 21.1%
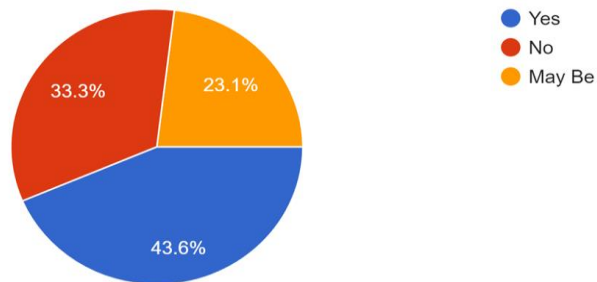
**Illustration:**

- According to diagram, 44.7% of the respondents use WordPress.com, 23.7% use Blogger.com, 21.1% use Tumbler.com.

- WordPress, Blogger and Tumbler have got respondents attention because of the simple templates and 'easy to use' facility.

**Q3: Does it take too much time to load?**

| Yes | No | Maybe |
|-----|-----|-------|
| 17  | 13  | 9     |

Does it take too time to load?

39 responses



- Yes
- No
- May Be

33.3%   23.1%

43.6%

**Illustration:**

- The graph shows 43.6% of total respondents agreed with the fact that the most used blogging websites take too much time to load, 33.3% disagreed, 23.1% were not sure.

- The problem with the startup page or article searching is taking too much time to load and it make user dissatisfied. It occurs because of lots of content unorganized and inefficient query optimization.

**Q4: What is the main reason for blogging?**

| Knowledge Exchange | Promoting Business | Entertainment and Fun | Networking and Exposure | I don't use any blogging site |
|---|---|---|---|---|
| 16 | 7 | 11 | 4 | 1 |

What is your main reason for blogging?

39 responses



**Legend:**
- Knowledge exchange
- Promoting business
- Entertainment and fun
- Networking and exposure
- I don't use any blogging website
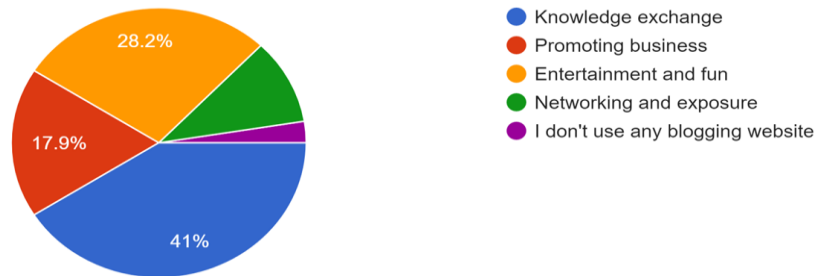
**Illustration:**

- The above chart depicts that 41% of the respondents think blogging is for knowledge exchange, 28.2% think the blogging is for entertainment and fun, 17.9% think blogging is for promoting business.

- Although most people think that a blogging website can perform only business promotion, entertainment and fun purpose. Blogging website actually does a great role in exchanging knowledge, sharing thoughts, knowing the culture and tradition.

**Q5: How often do you post?**

| Daily | Weekly | Monthly | Every Six months | I don't use any blogging site |
|-------|--------|---------|------------------|-------------------------------|
| 6 | 11 | 12 | 1 | 3 |

How often do you post?
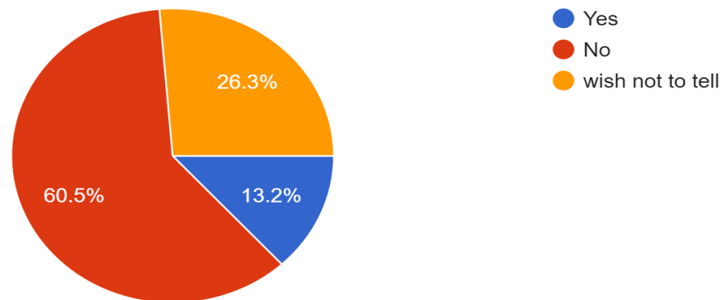38 responses
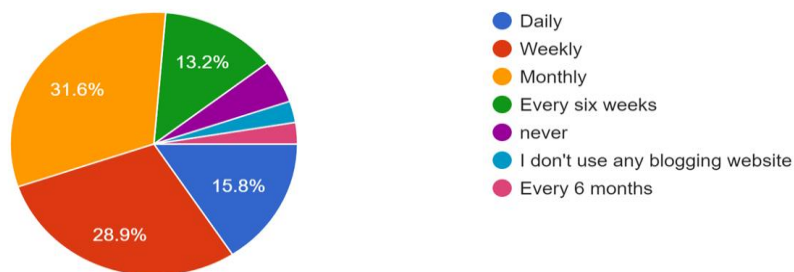


**Illustration:**

- Analysis of this graph provides us with a statistic that 31.6% of the respondents post a blog monthly, 28.9% weekly, 15.8% responses do not use any blogging site, 13.2% response post blog every six weeks.

- Some may not be introduced with a proper blogging site. But whoever has a blogging site or been blogging from past, he must have to post daily/weekly.

**Q6: Did you ever get into trouble because of things you have written on your blogs?**

| Yes | No | Wish not to tell |
|-----|-----|------------------|
| 23 | 10 | 5 |

Did you ever get into trouble because of things you have written on your blogs?

38 responses



Yes
No
wish not to tell

26.3%

60.5%

13.2%

**Illustration:**

- Analytic result shows 60.5% of total respondents did not get into trouble for writing on their blogs, 13.2% agreed, 26.3% response shows determined not to tell.
- The graph shows that more than half of the respondents disagree that writing on blogs can hardly bring any trouble.
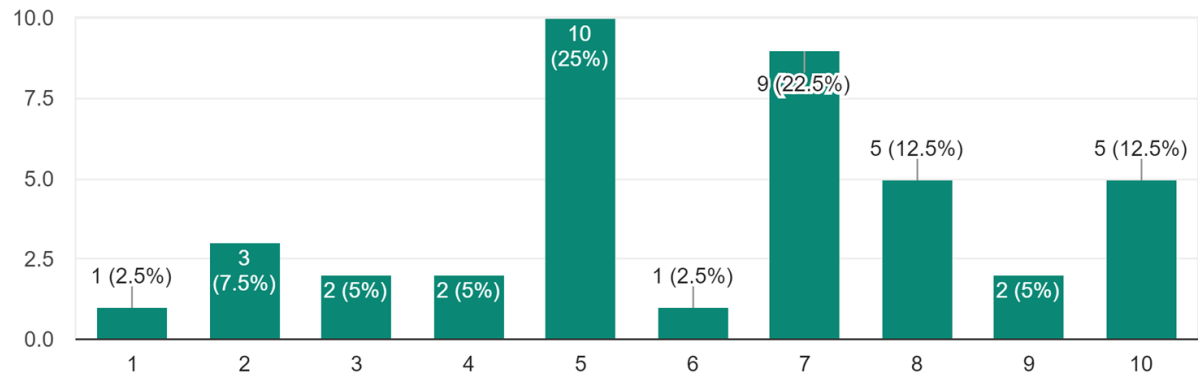
**Q7: From scale 1 to ten how important do you think writer's anonymity?**

| 1(Not Important) | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10(very Important) |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 3 | 2 | 2 | 10 | 1 | 9 | 5 | 2 | 5 |

From scale 1 to 10 how important do you think writer's anonymity ?
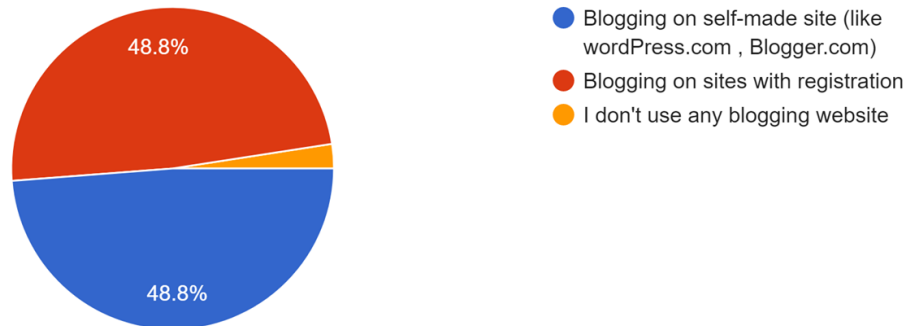
40 responses



**Illustration:**

- The most significant is that 25% response was of average marked, 22.5% response was of almost more than average about agreeing with the writer's anonymity.

- Overall, the user would want to hide the identity of himself in a blogging site. There can have lots of reason but among them, contradiction between perceptions and thoughts of two people is the major.

**Q8: What kind of blogging website you prefer most?**

| Blogging on self-made site | Blogging site with registration | I don't use any blogging site |
|---|---|---|
| 20 | 20 | 1 |

## What kind of blogging website do you prefer most?
41 responses



**Legend:**
- Blogging on self-made site (like wordPress.com , Blogger.com)
- Blogging on sites with registration
- I don't use any blogging website
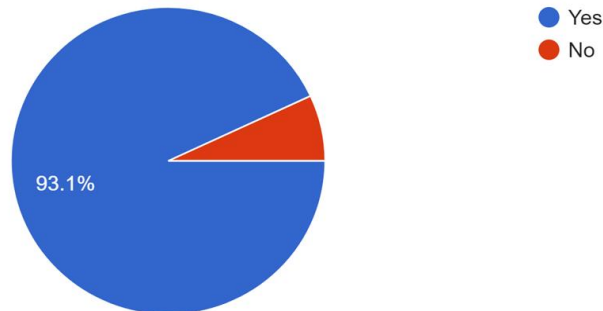
(48.8%, 48.8%)

**Illustration:**

- The graph shows that a response telling that user would have like to choose blogging on self-made site and blogging on sites with registration at a rate of 48.8% both at the same time. The rest 2.4% responded they don't have any blogging site.

**Q9: Do you read blogs?**

| Yes | No |
|---|---|
| 67 | 5 |

Do you read blogs?

72 responses



**Illustration:**

- 93.1% shows the answer of reading blogs and 6.9% response said they do not read any blogs at all.

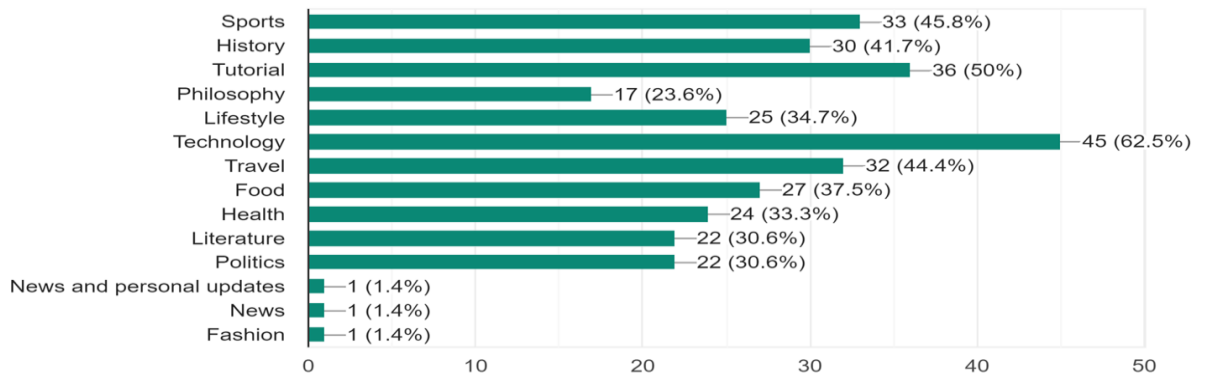- It is obvious that most people will read blogs, whether they read via social media or the websites.

**Q10: What type of article do you want to have in a blogging website?**

| Sports | History | Tutorial | Philosophy | Lifestyle | Technology | Travel | Food |
|--------|---------|----------|------------|-----------|------------|--------|------|
| 33 | 30 | 36 | 17 | 25 | 45 | 32 | 27 |

| Health | Literature | Politics | News and Updates | News | Fashion |
|--------|------------|----------|------------------|------|---------|
| 24 | 22 | 22 | 1 | 1 | 1 |

**What type of article do you want to have in a blogging website?**
72 responses

| Category | Value |
|---|---|
| Sports | 33 (45.8%) |
| History | 30 (41.7%) |
| Tutorial | 36 (50%) |
| Philosophy | 17 (23.6%) |
| Lifestyle | 25 (34.7%) |
| Technology | 45 (62.5%) |
| Travel | 32 (44.4%) |
| Food | 27 (37.5%) |
| Health | 24 (33.3%) |
| Literature | 22 (30.6%) |
| Politics | 22 (30.6%) |
| News and personal updates | 1 (1.4%) |
| News | 1 (1.4%) |
| Fashion | 1 (1.4%) |

**Illustration:**

- The main interests of the respondents are technology, tutorial, sports, travel and history related blog.

- There are some other kind of blogs with a high number of readers. People often read blogs based on their interest.

**Q11: In homepage what do you prefer most?**

| Newly Posts | Most Viewed Posts | Preferable Posts |
|---|---|---|
| 22 | 26 | 24 |

## In homepage, what do you prefer most?
72 responses



- Newly posts
- Most viewed posts
- Preferable posts

33.3%

36.1%

30.6%
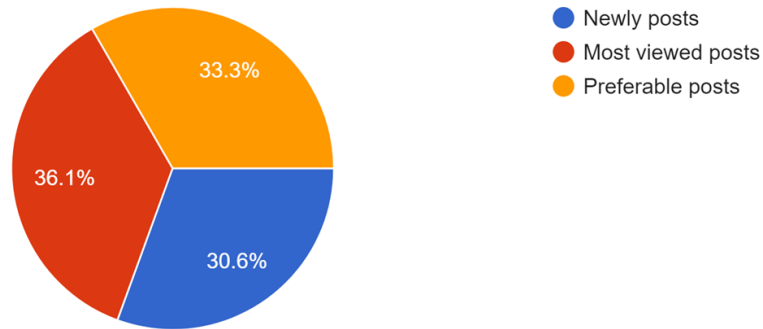
**Illustration:**

- Analysis of the graph shows, 36.1% of total respondents preferred most viewed post on the homepage, 33.3% has shown their interests in their preferable post on home page, 30.6% need the newly post in home page.

- Most viewed posts are much preferred on the home page of website. The graph shows tight range of these 3 options.

**Q11: How long should it take it to delete reported/unethical post?**

| Hours | One Day | Two Day | Not more than a week |
|-------|---------|---------|----------------------|
| 31    | 21      | 7       | 13                   |

How long should it take it to delete reported/unethical post?

72 responses
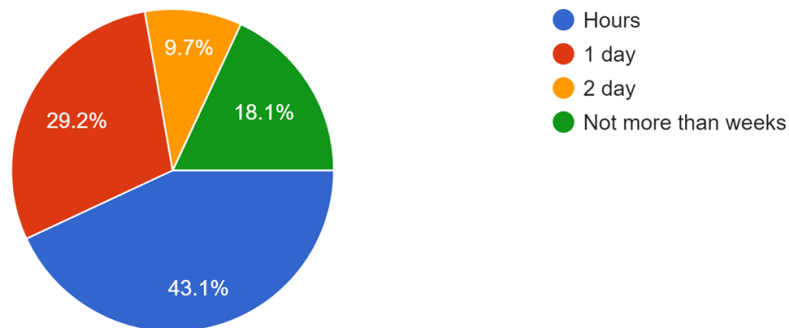


**Illustration:**

- According to graph, 43.1% of the respondents agree with the time length of hours to delete a reported post, 29.2% believes it should take maximum 1 day, 18.1% responded it should not take not more than weeks, 9.7% response says it should not take more than 2 days.

- Users prefers fast action against unethical post.

**Q12: What language you prefer for blogging?**

| Bangla | English |
|--------|---------|
| 53 | 49 |

What language would you prefer for blogging?

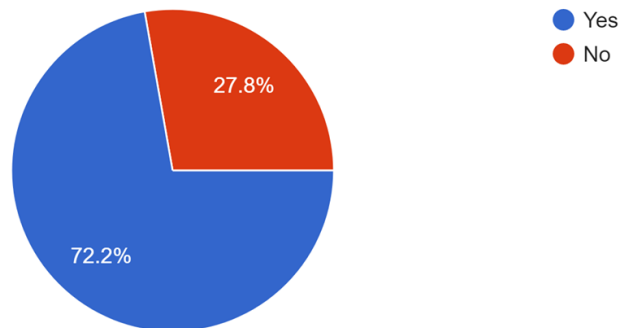72 responses
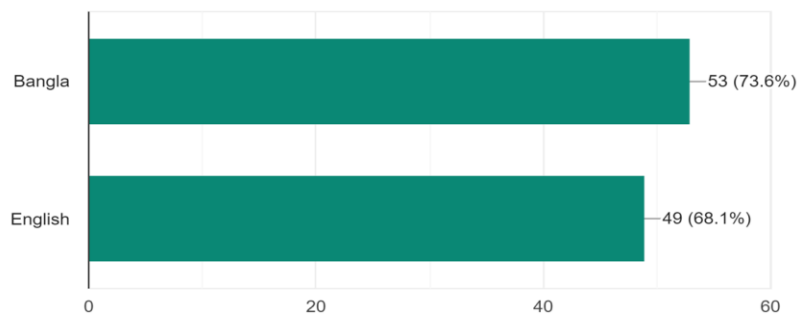


## Illustration:

- Above graph shows that users almost evenly prefer to use both Bangla and English for blogging.

- Users generally prefers to use the language they are most comfortable with. In our case most people are comfortable using Bangla.

**Q12: Have you ever used any Bangla blogging website?**

| Yes | No |
|-----|-----|
| 52 | 20 |

## Have you ever used any Bangla blogging website?
72 responses



- Yes
- No

27.8%

72.2%

**Illustration:**

- 72.2% response shows that the respondents used Bangla blogging website and rest of 27.8% shows that they have not used any Bangla blogging website yet.

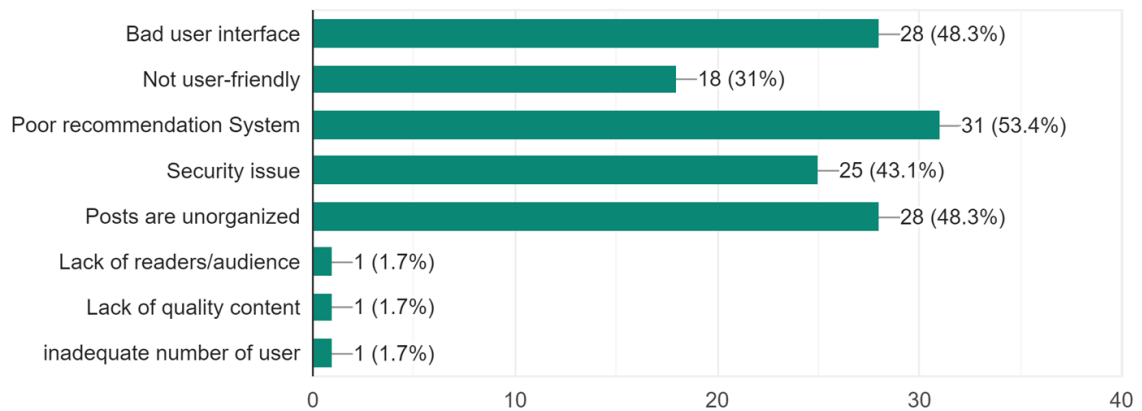**Q14: If yes, what do you think are the drawbacks of Bangla blogging websites?**

| Bad user Interface | Not user friendly | Poor Recommendation System | Security Issue | Posts are Unorganized | Lack of audience |
|---|---|---|---|---|---|
| 28 | 18 | 31 | 25 | 28 | 1 |

| Lack of Content | Inadequate number of users |
|---|---|
| 1 | 1 |

## If yes, what do you think are the drawbacks of Bangla blogging website?
58 responses

| Drawback | Value |
|---|---|
| Bad user interface | 28 (48.3%) |
| Not user-friendly | 18 (31%) |
| Poor recommendation System | 31 (53.4%) |
| Security issue | 25 (43.1%) |
| Posts are unorganized | 28 (48.3%) |
| Lack of readers/audience | 1 (1.7%) |
| Lack of quality content | 1 (1.7%) |
| inadequate number of user | 1 (1.7%) |

**Illustration:**

- The above graph depicts that poor recommendation system, bad UI and unorganized posts are the major drawbacks of the existing Bangla blogging websites.

- Drawbacks of the existing Bangla blogging websites disinterests people from using those websites. As a result, the loose a good number of users.

**Q15: While using a blogging website what affects your satisfaction the most?**

| Level | User Interface | User friendliness | Security and Privacy | Information Availability | Adequate Search Option |
|---|---|---|---|---|---|
| Not Important | 9 | 1 | 1 | 5 | 11 |
| Somewhat Important | 30 | 32 | 24 | 23 | 26 |
| Very Important | 33 | 39 | 47 | 44 | 35 |

## While using a blogging website what affects your satisfaction the most?
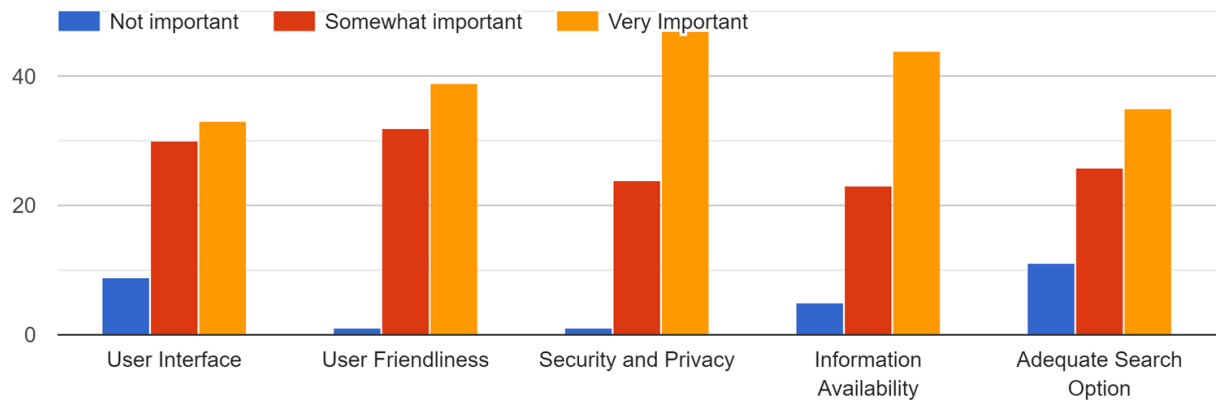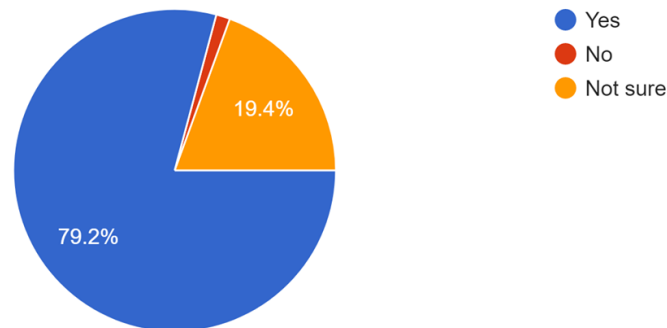


**Illustration:**

- The above data determines that security and availability of information are the most important issue in terms of blogging website.

- However good user interface, user friendliness and adequate search options are equally important for a blogging website.

**Q16: Do you think this system can play major role in information exchange?**

| Yes | No | Not Sure |
|-----|-----|----------|
| 57 | 1 | 14 |

## Do you think this system can play a major role in information exchange?

72 responses



Legend:
- Yes
- No
- Not sure

79.2%

19.4%

**Illustration:**

- The graph shows that 79.2% of total respondents agree the decision that this Bangla blogging platform can play a major role in information exchange, 19.4% response was of not sure and 1.4% was disagreeing.

- Negligible number of respondents disagrees. On other hand, huge number of respondents agree with the thought of exchanging information and sharing ideas through the blogging website.

## Overall Findings:

- Not everyone has their own blog. But almost everyone used blog at some point.
- Most of the people who uses blog are young and aged between 18-30.
- People generally use blog to exchange knowledge and entertainment purpose.
- Most people think that writer's anonymity is needed for safety and it is important not to share personal information with everyone.
- Most of the existing blogging sites take too much time to load and

are not convenient to use.
- People generally prefers to read both Bangla and English blogs.
-  However, there are wide range of categories users prefer to read based on their interest and need.
- There are some loopholes found in existing blogging websites which are the main causes people find difficulty using blogging site.
- Good user interface, security, information availability and a good search option are prerequisites of a blogging website.
- Almost everyone agrees that this system can play a vital role in information exchange.

# Conclusion:

Interview and questionnaire regarding a software development is always beneficial and can be count as a preparatory task in the path of developing. As a software developer can know the user needs, contents of satisfaction, importance of security issues through the questions, this can bring changes in pre-planned software architecture. We will ensure these changes and modifications to gain the trust of the demography for making this software authorized.