

# Computer Research

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## 1 Project Division:

1. Making separate blocks for the required questions.
2. Choosing topic of computer usage.
3. Asking questions related to age in order to understand tech usage patterns.
4. Collecting information about different social media platforms from the internet.
5. Questionnaire filling by the people in survey.
6. Generating google form.
7. Filling data in the google form about different tech related sources.
8. Generating reports by using MS Excel.
9. Preparing presentation by using Power Point.
10. Conclude that how much computer usage is common among different age-grouped people.
11. Find out that how computer usage affect peoples' health both mentally and physically.
12. Figure out the peoples' health on the basis of their screening time.

## 1.1 Table:

## **1.2 Department Selection:**

We have selected the department of Computer Science.



## **1.3 Reason:**

We have chosen to collaborate with Science department for the purpose of conducting our survey on matters pertaining to the field of computing.

## **1.4 Collection of Technology Related Information:**

- As a Computer Science students our first source of getting idea is internet.
- As a young generation of 20th century, we are quite familiar with computer, mobiles, laptops and their usage.
- In addition, in this era almost all people are quite familiar with the AI tools which provide information almost about all topics such as ChatGPT etc.
- Moreover, we consult with our colleague students in this regard and get information from them.

## **1.5 Questionnaire Filling:**

- We adopted divide and rule policy and split our group into two parts.
- First group had authority letter to convey survey form to all teachers and the other students of UET and convinced them to fill the form.
- And second group had responsibility to send this form to other people out of UET and convinced them to fill it.
- We also sent this form to our Whatsapp Groups to get enough data.
- Our class fellows were very cooperative.
- We also convinced our seniors to fill it.

## **1.6 Making Google Form:**

- As we haven't did any survey so we did not know how to create google form.
- For this purpose, we searched YOUTUBE and saw many tutorials.
- <https://www.google.com/forms/about>.
- <https://docs.google.com/forms/d/1fJUc3k8QurU6JWHYOyPBZsmUs0Eh74gJPnP5SEv6Hf8/edit>
- After that we create our own google survey form.

## **1.7 Data Approach:**

- We use email as it is used in the google form for the validation of data.
- We put forward the age option for the specification of teenagers and elderly persons.
- Then we ask about gender in order to identify male and female in our survey.
- We inquired about computer devices so that we conclude that which tech devices are more used by people.
- We put forward the screening time option to figure out peoples' interest in different social media platforms.
- Moreover, we put a question about their health and fitness with and without these computer devices and internet.
- We also interrogate people to share their remarks how these computing devices affect their academic and non-academic activities.

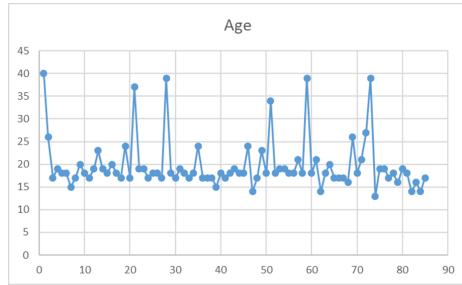
## 1.8 Consultation with Seniors:

Here we want to mention our respective seniors. They guide us properly about the formation of google form and to get survey from the people all over the UET. They also give very useful tips about presentation.

- Khushbakht 2022-CS
- Rafia Sattar 2022-CS
- Jaweria 2022-CS
- Waleed Sarfraz 2022-CS
- Afeera 2022-CS
- Amina 2022-CS

## 2 Data Analysis by using MS Excel Report:

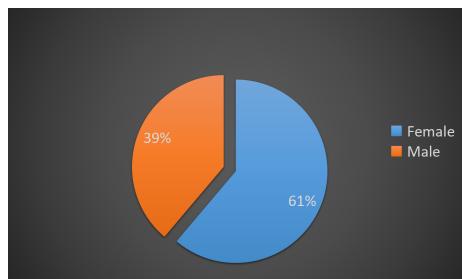
### 2.1 What is your age?



This graph shows that most of the respondents are in the range of 15-25 years age. This proves that Majority of the people who are using computer devices are mostly youngsters.

### 2.2 What is your gender?

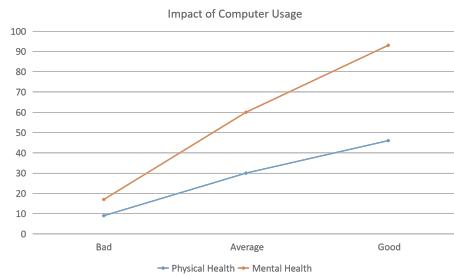
- Male
- Female



**According to the gender analysis our majority questionnaire is filled by female that of 61 percentage and male are of 39 percent.**

### **2.3 What computer devices do you use?**

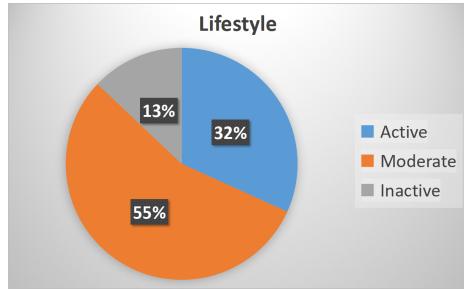
- Mobile
- Desktop
- Laptop
- Tablet



This graph depicts that most of the respondents are using mobiles that's percentage is about 70 percent. Only a few are using tablets which is around 5 percent. This graph also evaluates that laptops are being used by mostly engineering students and its percentage is around 25 percent. Some users use desktop which percentage is around 10 percent.

### **2.4 What is your average day's screen time?**

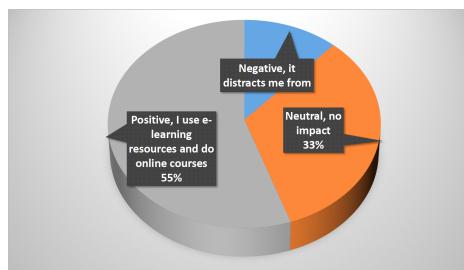
- less than 1 hour
- 1 hour +
- 3 hours +
- 5 hours +
- 8 hours +
- 10 hours +



This graph evaluates that majority of the respondents having the screen time is about 3-4 hours. There are some users whose screen timing is less than 1 hour.

## 2.5 In a month, how many days do you think you feel productive ?

- 1-3
- 4-9
- 10-18
- 19-30

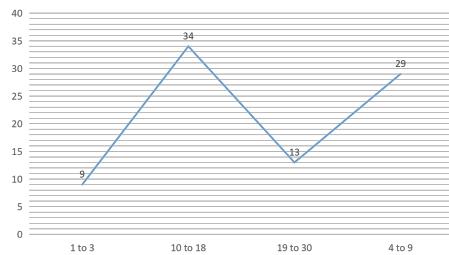


This graph predicts that most of the people feel productive during 10-18 and their count rate is about 34. Some users feel productive during 19-30 and their count rate is about 13. And 9 people feel productive during 1-3.

## 2.6 Rate your physical health out of 10.

- 1
- 2
- 3
- 4

- 5
- 6
- 7
- 8
- 9
- 10



This graph depicts physical health and mental health. Blue line shows physical health and orange line depicts mental health. And it depicts that peoples' mental health is better than their physical health.

### 2.7 Rate your mental health out of 10.

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10

## 2.8 Rate computer's role in your skills development and academic learning.

- Negative, it distracts me from studying
- Neutral, no impact
- Positive, I use e-learning resources and do online courses.

