

Abstract

This is the project of the design and prototype of a software named Pluto book. In the age of online learning students are facing new problems when they use only their mobile, laptop, tablets to study but not taking physical classes. Student loses the continuity and the concentration in online learning due to the distractions like a phone call between the class , the notification etc. To have all necessary tool together at the same place is also a challenge. Using the basic principle of human computer interaction as process of interaction design ,data gathering, data analysis,presentation,prototyping etc., we designed a app as the solution of it. This app will reduce the destruction resulting by the device they are using and will combine all the studies and required tools together.so that they will not waste their time to find tools like pdf converter, pdf of a book etc

INTRODUCTION

The name of our app is pluto book. Pluto book is designed in keeping the view of the problems that a student faces while studying online or digitally. As we ourselves are students and in the present situation of pandemic, we have to learn and study in online mode. So we know what are the problems and difficulties we face while studying online, which raises a motivation inside us to tackle all the problems that we face by making an app so that other students who have to study in online mode, don't face the same difficulties and to make online learning for them easy.

The main problem that we are tackling is DISTRACTION. This is obviously true that when a student is studying online, he/she definitely got distracted with other things. This distraction can be anything. First distraction is notifications, which is very common. When a notification comes from an app or social site like facebook, whatsapp, instagram then the student's mind got distracted and he/she dont care about his/her study and go to check that notification first. And that's how the student moves backward in study. Then phone calls. Phone calls also act as a distraction when coming in between the study. The student think that phone call is more important and give priority to the call, not to study. While studying online, the students also have their interests in online games , e sports like pubg, call of duty, etc. and they are not attentive towards their studies as they are diverting by the games. Next to this, if a student is studying on platforms like

google, you tube, etc. then advertisements coming in between acts as the distraction. The content of the ads is fascinating and sometimes it also becomes irritating for the student and it totally changes the mind and of the student.

The next main problem that a student faces while studying online is that, he/she has to switch between different apps or platforms for different tasks. For example like, for only writing notes a single app is there, for making documents and pdfs the student has to switch to another app, for reading or searching, there is another platform. So there is not one platform present for multitasking, there are different platforms for different tasks and the student has to switch over these platforms, which becomes more difficult and time-wasting for the student. Then noise in between studies is also an important problem that a student faces while studying in online mode.

The app PLUTO BOOK mainly focuses on the problems mentioned above and is especially made for the school and college students, who are studying in online mode. The students who are studying their regular course in schools and colleges, students who are preparing for competitive exams, students who have interests in studying and learning different courses, etc all can use our app. Everyone can use our app according to their needs like if someone wants to access e-books then he/she can use our app. Similarly for different tasks, different people can use pluto book.

The existing challenges for our app pluto book is noise disturbance while studying as we are unable to provide a solution for this problem.

Nowadays there already exist a lot of solutions for our problem statement in the market. As there are many app which do the same as they block the notifications ,phone calls for some time chosen by the user or manually there is a mode called 'do not disturb mode' when this mode is on all the notifications, calls, updates got soonz for the time when the mode will be off. Some of the app are Dewo, freedom, leechblock, focusme etc. These apps are very small (4mb to 10mb) and provide only a few services. Alternatively there is always a option to restrict the data use to a particular app.one can use this for the apps which usually have maximum unwanted notifications while working or studying. But these tricks and mentioned apps are not the permanent solution of the problem statement and are raw solutions. our app will provide services which will not let you miss any important update or notification in other words one will get notification only related to the present running task as pluto book will provide call forward service i.e app will forward all calls to the other specific phone no. So that any important or related message will not be missed.

As we talk about the necessary tool for study as a pdf converter, reduce file size,zip converter ,create a doc/pdf etc.there are very less applications or rarely one which provides all these student required tools together. we always have to wander on

search engines to find them or you have to download these app separately from each single work. some software like google provides these tools as google docs,google slide etc. which are used for creating and editing documents files,presentations or to reduce the size there are many online options where one can upload a doc and download reduce size or changed formated file.for that you have to search such website or online service provider which will be time consuming . Our app will provide all these tools well organised according to the need and workload so that one can do their work more rapidly and effectively. Our app will be the full package for students and will provide e-library,e-course,service by which one can get the needed related study material easily and in less time.

Methodology

1. Problem Definition and Identifying Target Users

In today's progressive era, everything is getting technologalized and modern but the study for students is becoming hard. So, what's the problem we are tackling with ?... The problems that a student faces while studying digitally.

1. Notification is one of the most common problems that students feel while studying.
notifications make the student's mind diverted from the study. When a student is studying, he/she can have many notifications from different apps and social sites like, Facebook, instagram, whatsapp, etc. Which breaks the flow of study, and it's become difficult to make that flow again and that's how that student's progress got down.
2. Then, phone calls also act as a concentration breaker while studying.
When a phone call comes in between study then, the student's mind gets shifted towards the call from the study, he/she is doing.
3. If a student is studying from online platforms like, you tube, Google,etc. then ads also break the concentration of the student. The content shown in the advertisements fascinates the student and sometimes, it also irritates the student and the student's mind gets diverted and he/she does not become more attentive towards the study.
4. Next to it, games especially E-sports like pubg, call of duty, garena free fire, etc. stops the student from focusing on the study.

5. A student who is studying digitally, it's become difficult for him/her to switch between different platforms/apps, for different tasks. Like, for writing notes and text, the student has to use an app, for reading he/ she have to use a different app or search engine on another app, for making documents or pdf, he/ she have to use another app. So, it's become difficult irritating and time-wasting for the student and acts as a big problem for the student.
6. Noise is also a big factor that breaks the student's concentration on study. There are many students who want to study and want to give their best, but because of noise, they cannot give their best and get their concentration broken.

So the main problem that we found, by discovering all the problems is Distraction and lack of resources on one platform. The student who is studying digitally, faces distractions as mentioned above which makes it harder for the student to focus on his/her study.

The target users for our app are students who are studying in schools or colleges. Either they are preparing for the competitive exams or simply they are doing their regular course from their respective schools and colleges. Stakeholders for pluto book are teachers who are involved in making courses and contents and clear the doubts of the students and students themselves who use our app for their study.

2. Requirements Gathering

Looking the seriousness of the problem we decided to dig this ground of online education system by knowing the status of various students for problems they faced while studying in online medium through help of surveys and listed the important requirements which the user wants from us in this direction :

Social media:

Nowadays social media has taken a significant place in the lives of our there are multiple social media platforms and hence they consume a lot of time in our daily lives. For students or youngsters there is a huge chance to get addicted to it and get distracted by work in their daily routine. As the results of our survey says 32%

of people who are highly distracted by social media. 18% people rate their destruction $\frac{4}{5}$ by social media.

Our question :

:::

Social Media *

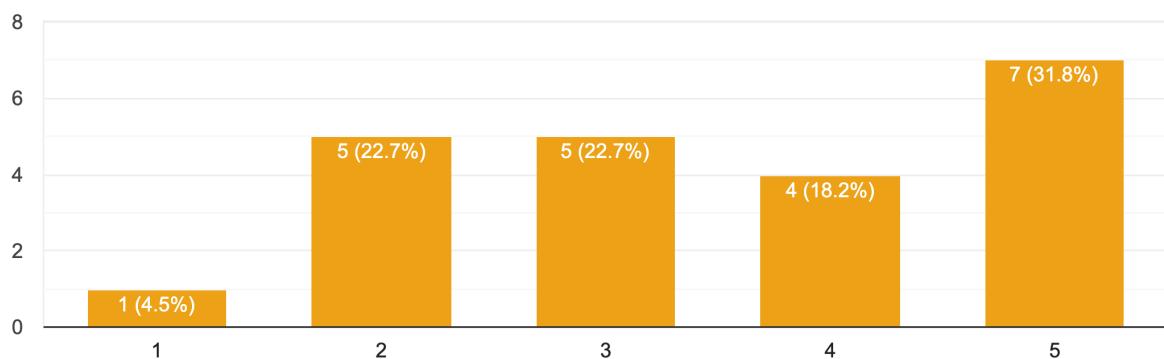
being impatient to see what stuff my friend has posted on Facebook, Instagram, etc. or what the conversation is going on WhatsApp, etc.

1 2 3 4 5

Very Less very often

Response:

Social Media
22 responses



So there is a requirement of such a program which restricts people from getting connected to social media when they are doing their studies or work.

Phone calls:

When you are doing your studies or office work and get a call from a non required source, you will definitely get a destruction or there will create a discontinuity. The mental pressure of rejecting or taking the call will take anyone out of the path they were working on. As the results of our surveys says 42% of people says phone calls during work causes destruction in which 22% of people regarded it as highly restricted.

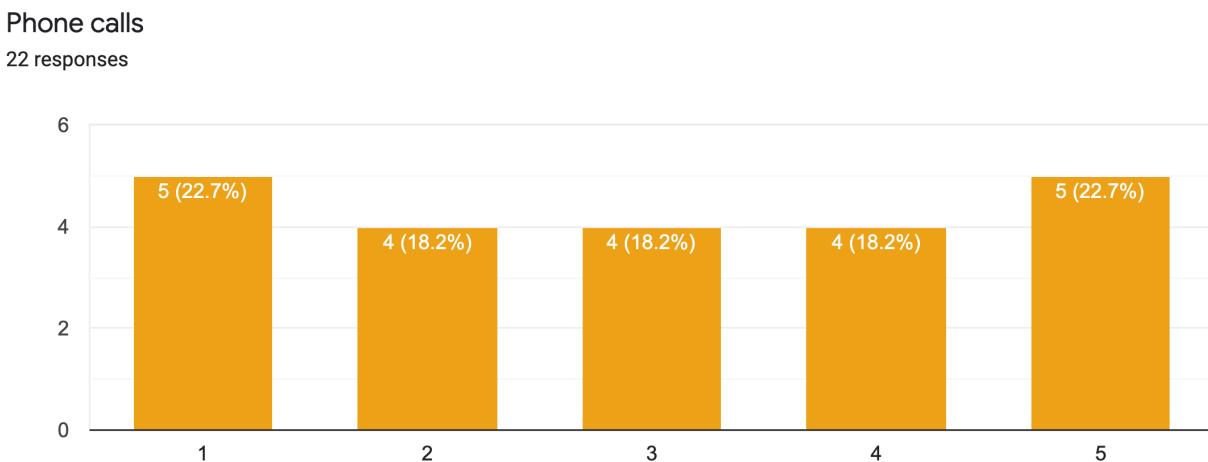
Our question :

Phone calls *

any phone calls come which might be of any friend or any relative of family then you feel confused what to do either put the phone on silent mode or then get up to handle over to the family.

1	2	3	4	5		
Rare	<input type="radio"/>	Often				

Response



So there is a requirement of such programs which disable phone calls to the device while doing formal work.

Notifications:

Getting notifications from a different task, you are currently working on, will take you to that task mentally for a very short time. Suppose you are taking an online class and suddenly get a notification from the ongoing IPL match that there is a runout. Notification may take you to the match totally. As the result of our survey says 63% of people say that notifications during studies are major cause of destruction and 22% say it is not

Our question

...

Notifications *

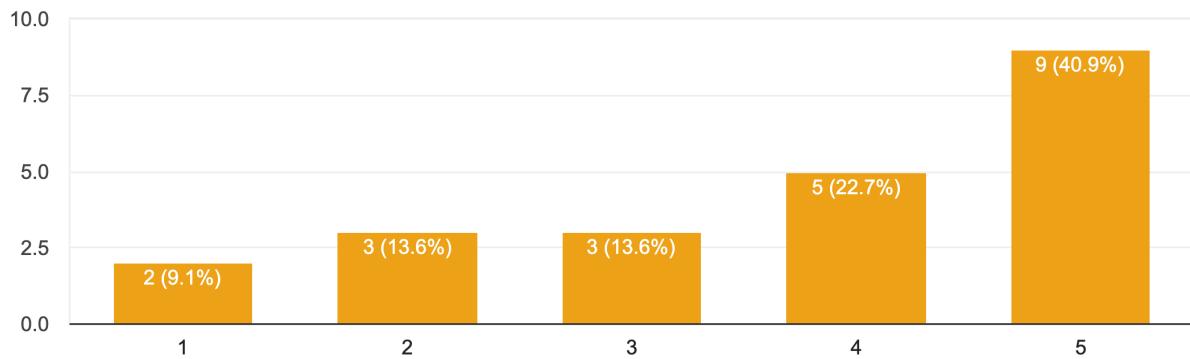
i.e. you feel that some important messages might have come in my mail, WhatsApp, Facebook, etc. leading to think about other stuff while studying. Notifications of Apps present on your Smartphone or Personal Computer



response

Notifications

22 responses



So the device requires a program which automatically snoozes all the notifications from different tasks till the end of the present.

ADS:

While watching a recorded lecture on youtube when you get an advertisement in between the lecture.it may hamper the flow of the lecture. Although it is necessary to have breaks during the studies,if you get an unnecessary break,ad ,video at the wrong time it may affect your concentration and continuity of the work.As the result of our survey says 67% of people found ads destructive.

Our question:

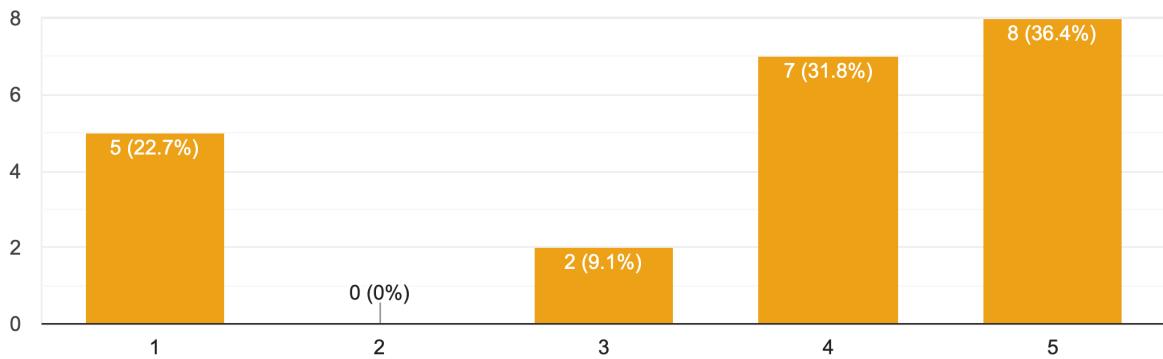
while surfing the internet for education stuff got distracted by any AD, Video, etc. on Google, YouTube, etc. *



Response:

while surfing the internet for education stuff got distracted by any AD, Video, etc. on Google, YouTube, etc.

22 responses



So the requirement is to design a program which stops advertisements to play a random video in between the studies and lectures.

Non Awareness :

Since this online mode of education brings new ways of studying either it be uploading of answers or attending of classes etc. such new tasks are not so frequent in use as compared to offline mode of education thereby students are unaware of such apps and they just keep going on with similar practices and finally landed on wastage of their time and we found this type of response for this problem :

Our question:

Non-Awareness *

Do you have met incidence's where Any App or Technology which you came to know later which might have helped you at required time?

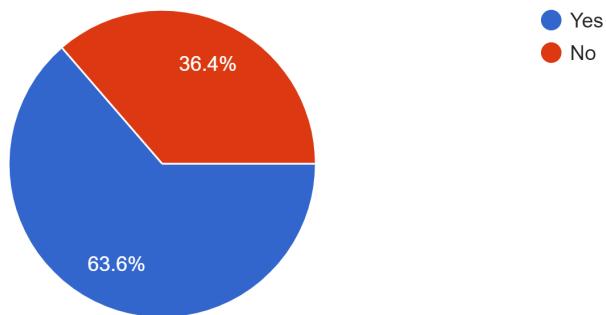
Yes

No

Responses :

Non-Awareness

22 responses



USER REQUIREMENT

What we found is that the user wants some guided mechanisms for using the apps for required apps landing on the correct choice of application.

DISTRIBUTED APPS

At present the students find it to be difficult for doing of their education related stuff due to distribution in there paths for those application whether it may be uploading of answer scripts or making of the presentation, documents, forms etc. and downloading all these required apps results in wastage of bandwidth due to multiple switching across tabs and moreover slow down the digital devices and repons for such problem was this :

Our question :

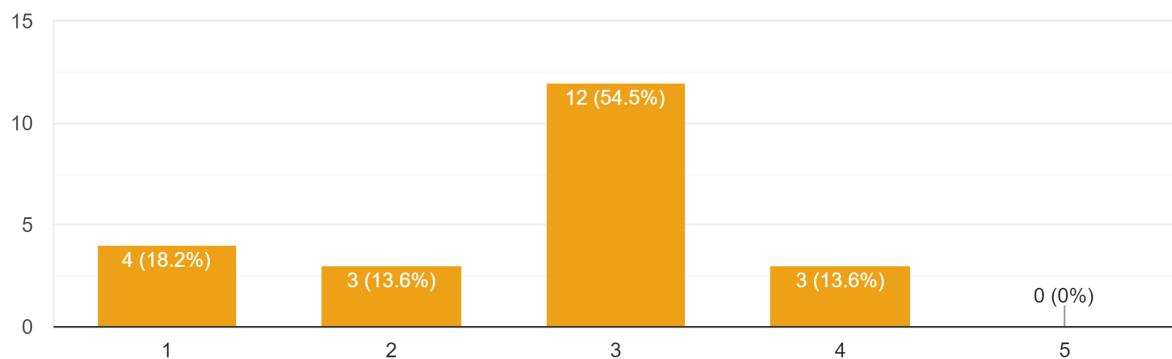
what is your feel for multiple Apps lying on your desktop or Smartphone making your digital devices burdened? *

1	2	3	4	5	
Ugly	<input type="radio"/> Beautiful				

Responses :

what is your feel for multiple Apps lying on your desktop or Smartphone making your digital devices burdened?

22 responses



USER REQUIREMENT

People are frustrated by navigating through multiple apps and having all of them on their digital devices resulting in their wastage of time and internet bandwidth. Do they want all these apps to be available in an organized way and effective which can meet their requirements?

DAILY ROUTINE :

As online education prevails from our home therefore some students find it difficult to maintain their daily routine and keep moving at the same pace. Since the str(environment of home)!=str(environment of schools) thereby students find it difficult to be strict to their rules and regulations.

Our question :

Does you find it difficult to make your daily routine at your homes? *

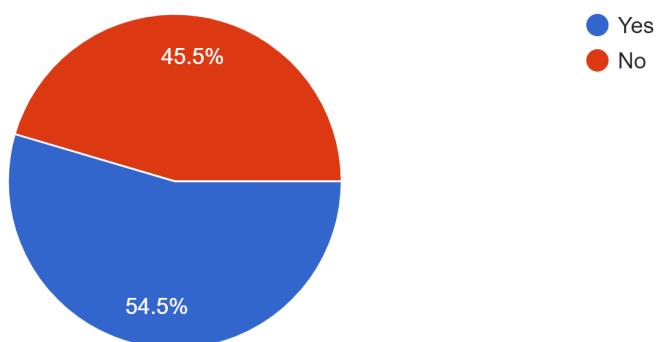
Yes

No

Responses :

Does you find it difficult to make your daily routine at your homes?

22 responses



USER REQUIREMENT:

Students find it difficult to maintain their rules and regulations and being distracted from loos environment of home so they want to be productive and follow there time table and daily routine on regular basis

HEALTH :

During this online mode of education the students find it difficult to maintain their health related issues they forget to maintain their health and then regret over it either it may sitting for long hours in front of their digital devices or not eating the required food in there sake of not getting distracted and we asked this question from our consent participant's and we found this following results :

Our question :

Health *

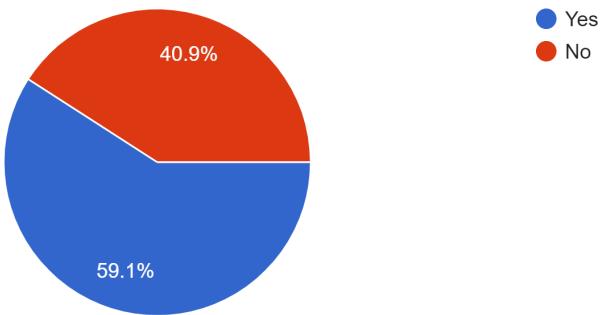
what is your opinion about the distraction caused by unfit body either you are too lean or too obese, does you also face such type of distraction?

Yes

No

Responses :

Health
22 responses



USER REQUIREMENT :

Students are not able to maintain their health with their education resulting in a lot of health problems which also have a negative impact on their performance in exams and behavioural issues overall damaging in all their ways.

SOME SPECIFIC PROBLEMS WHICH THE STUDENTS ARE ALSO FACING ARE THESE :

- Switching between different tabs resulting in wastage of there internet bandwidth resulting in internet problems during their study time
- CALL OF UPDATES IN THE APP'S : regular updates in th apps are important thereby they pop up but students find it difficult to maintain update of each of the apps in there devices utilising a lot of their time.
- Since the students are present at home it becomes difficult to stop Unwanted noises coming from surroundings that also take their time to be flown with them and further procrastination is also a prevailing issue in homes due to a loose environment in homes of students and they regularly suffer from procrastination from this type of environment do students wants more dedicated and motivating environment in their homes

Now Your time to add problems if any regarding this section

9 responses

Na

-

Call of duty updatedss

Unwanted noises coming from surroundings.

Day Dreaming

No

Procastination

Now Your time to add problems if any regarding this section

9 responses

Reddit

-

Lack of Face 2 Face Human Interaction sometimes makes it difficult to understand concepts and ask doubts

Everything is difficult in the online mode.

Some technical issues also causes difficulty in studying.

Network

No

- **MULTIPLE LOGINS FOR VARIOUS TYPE OF APPLICATIONS:**

Since the online education requires excessive use of apps across various domains thereby requiring multiple sign ins across various domains causing various notifications and accepting various there policies.

USER REQUIREMENT :

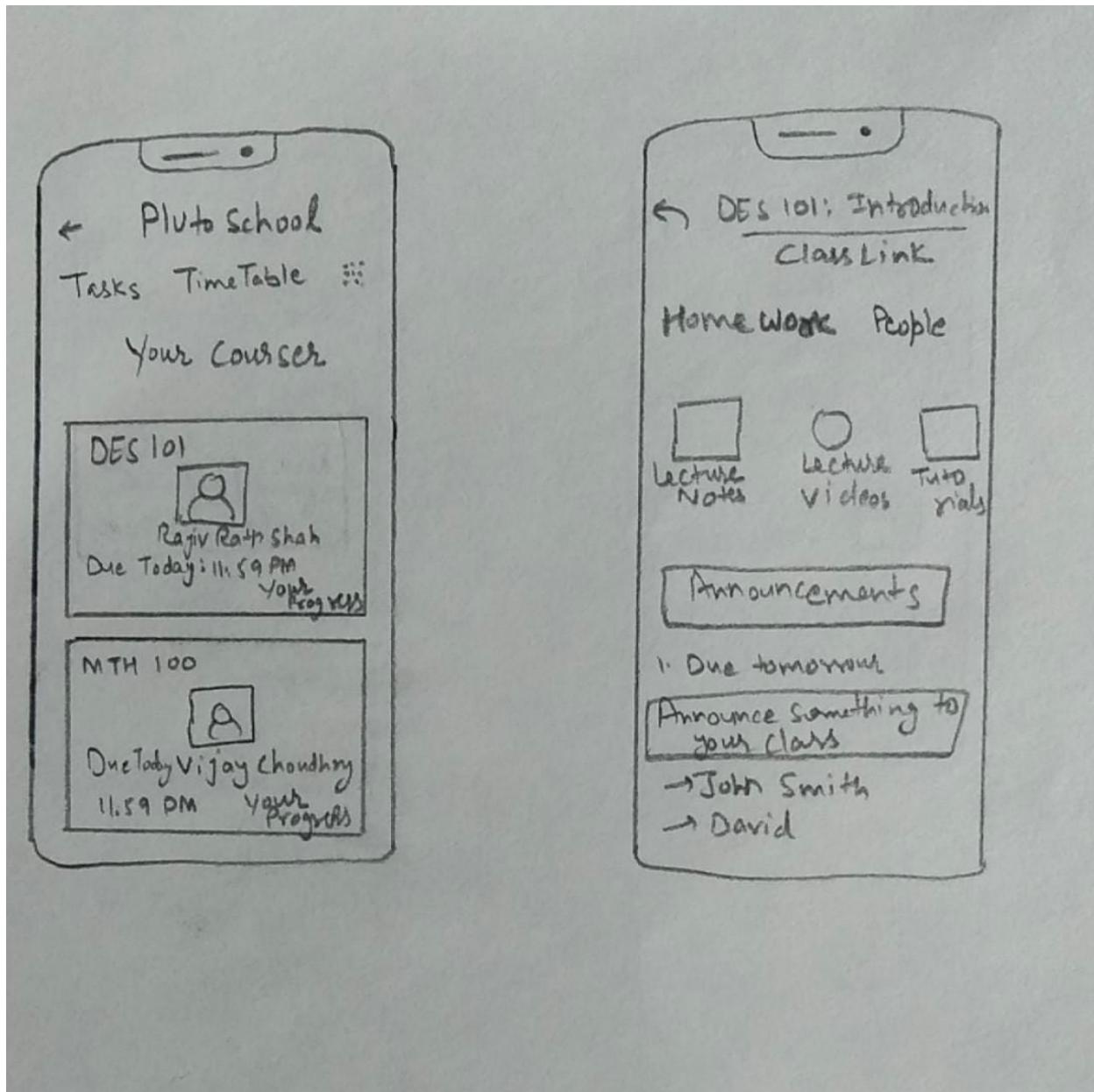
Thereby they require a single system or application that can have single login data and access over multiple applications.

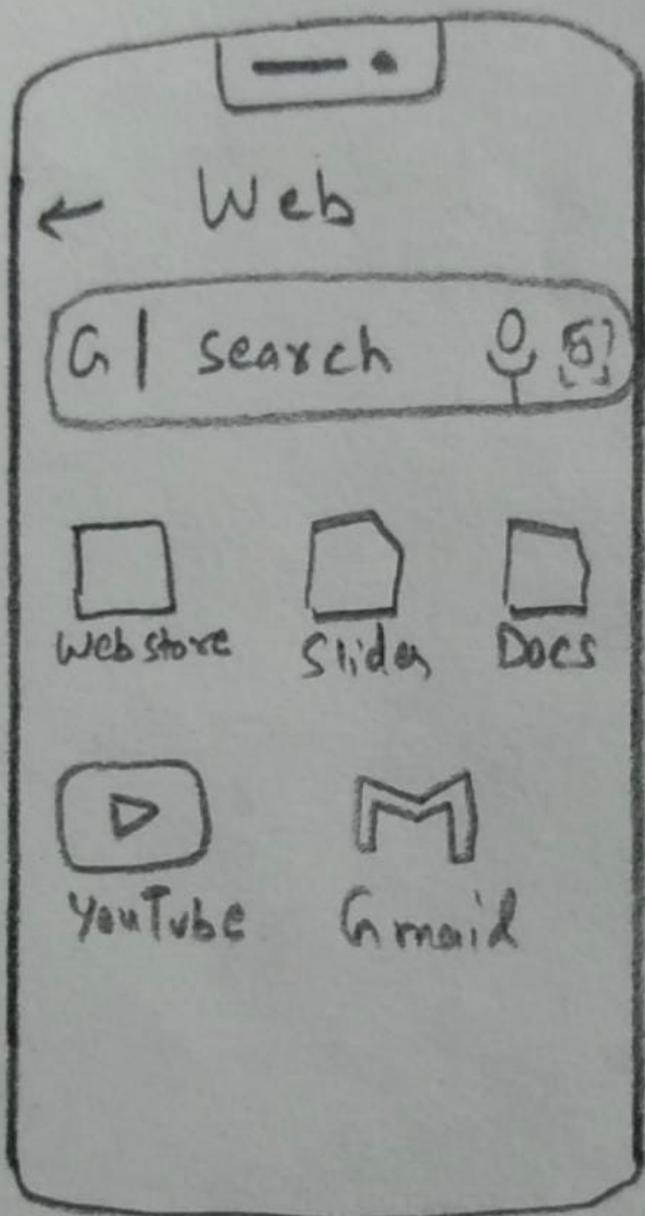
Ideation and Low-fi Prototyping

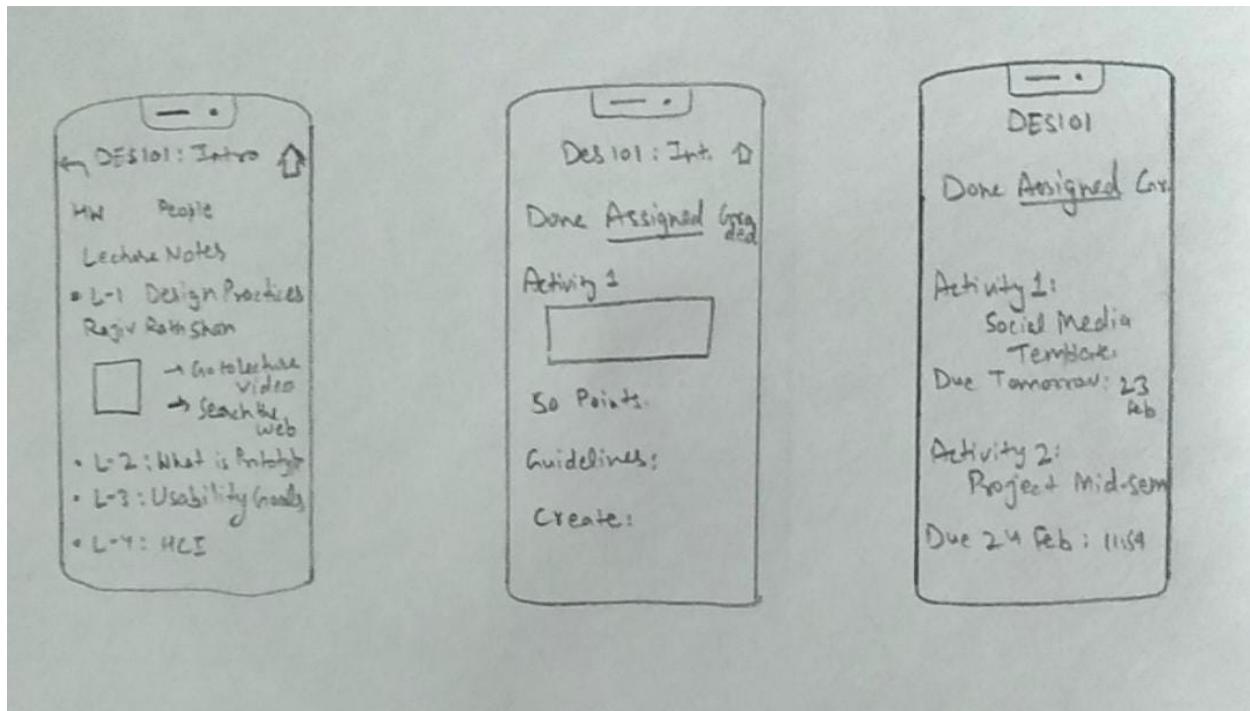
Distraction is most important reason which affects our studies. To manage distractions as an online student include getting more organized, setting a schedule, planning out assignments and projects each term. But the problems that we are facing in our studies, they are quite more and it's leading to poor academic performance. The only solution for this is boost up your studies by hard work. While studying, a student must have to ensure that he/she has a perfect schedule. The effectiveness of your study time is only as good as your ability to focus and concentrate while studying. When you're working on one assignment, it's easy to forget about another. You can help organize your deadlines and manage your time more efficiently with a proper schedule. Find out when you're most productive and set time aside for homework and activities. Keeping a planner or digital calendar will help you keep track of your classes and assignments. Sometimes you need help of internet for your topic related to your studies, and you will go through Google or YouTube or any other source. But in this you will see there are many options appears which is not so useful related to your search. This app will help you in all these problems, you will be able to see only relatable results. For an online student while studying, notification appears in front of the screen and as usual that student go through it. It has always been a problem to deal with ours mails, messages, notifications, etc. Most of the time the chances are that one is definitely distracted by the notifications that pop up on the screen. Constant notifications and text messages are every college student's enemy. Putting phone on silent or in "Do Not Disturb" mode, and close unnecessary tabs on your computer does not let one distracted. For this he/she has to mute all such notifications such that there will be no distraction due to this. It is necessary to block or hide time wasting websites and apps while studying. Another better solution is to break a large project or any other work into small pieces. It will help in completing the work in proper way, otherwise we gets distracted because of too much work load.

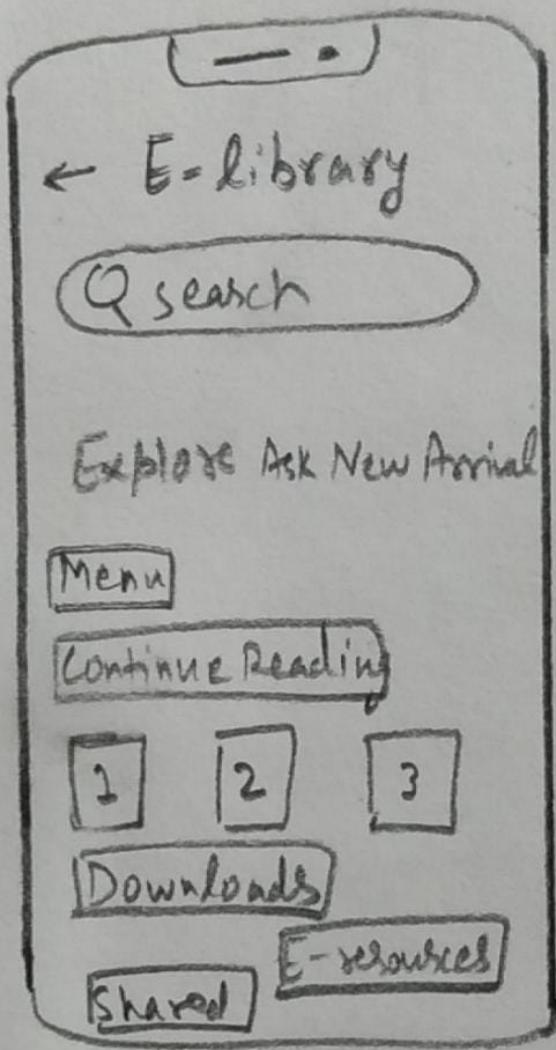
Now the final and best solution for this is all about unwanted notifications and social media platforms like Facebook, Instagram etc. It can be done by blocking or making the notification OFF for all those apps and unwanted websites which

lets us distracted. During online class or personal study time it should remain OFF for whole time period. This is the best reason because everyone wants pure concentration during online class.









Info
or
picture

Get Started

Welcome to
board

Enter name

Enter phone

Enter Email

Password

Sign up

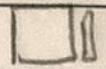
or
Login

Email

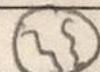
Password

Login

MENU



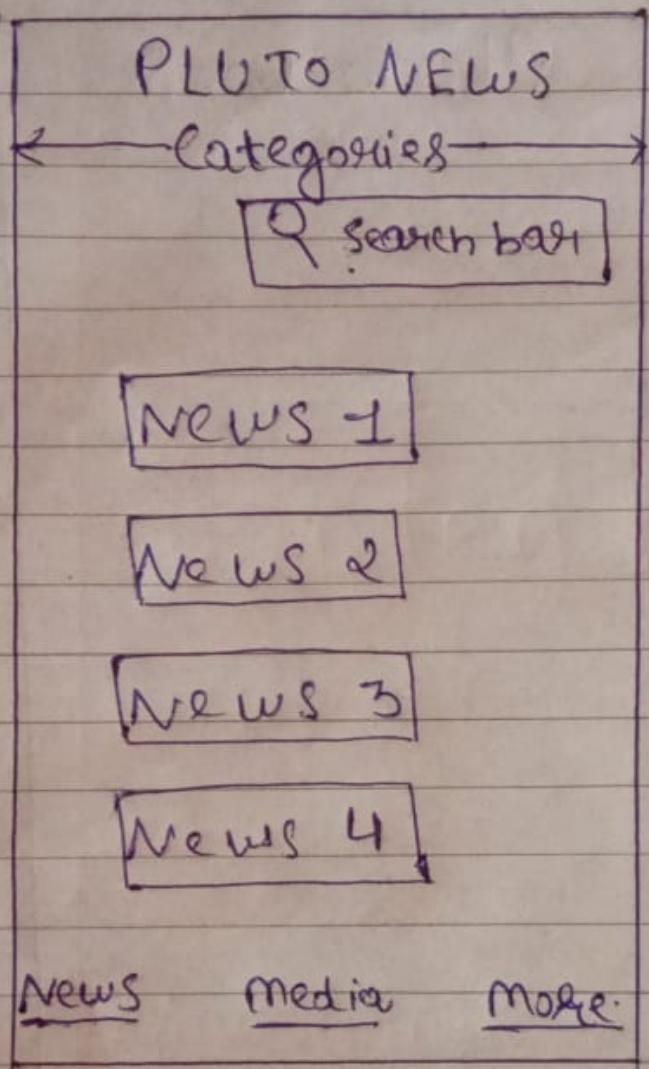
E-library E-cafe



Web



News



Hi-fi Prototyping

LINK OF FIGMA:

<https://www.figma.com/proto/PUfynuT8xOFrCGmp2HTHpR/Untitled?node-id=2%3A0&scaling=min-zoom>

EVALUATION

“Your Product is not Product Until User’s uses your Product”

Our group knew it well and thereby we checked the taste of our product for customers. At some points it was sweet and at some points it was bitter. First let's start with sweet (good works start with some sweetness).

Sweet points. :

Fluidity :

Our user's i.e. student's were deeply satisfied with a remarkable percentage being shifted towards very smooth over the fluidity of our application. They were happy with the way things were arranged with more frequent things to be easily available or visible and vice versa for less important things.

Here our app gets passed over these points :

- Efficiency
- Usability
- Utility

Our Question :

How was the transition between different sections of app

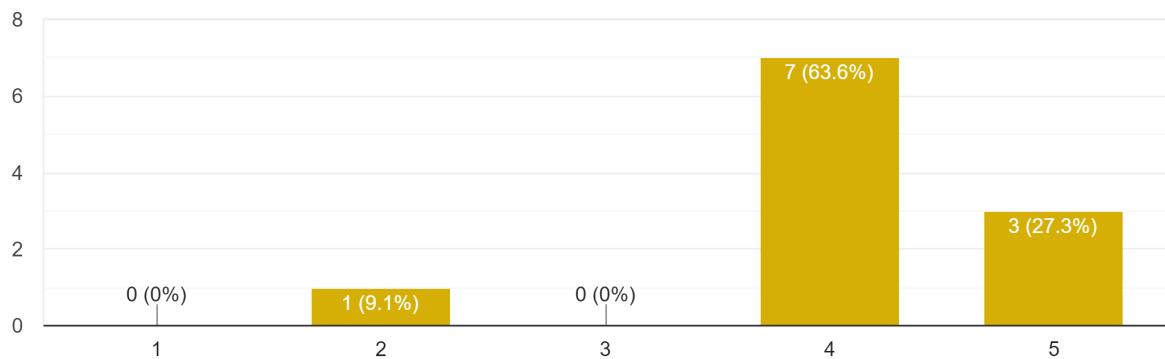
*



Responses :

How was the transition between different sections of app

11 responses



USABILITY :

Students were happy to see the metaphors which were used in designing which gave them the feeling of actual classrooms. Moreover, these metaphors make the students more familiar with the app and improve their efficiency by a great fold. Also student's find the icon's and images to be self explanatory adding star to their performance.
following metaphors :

- Use of door for entry in any classroom as a metaphor for entering in any e-course in our app

- Bag which is full of all required items in our school thereby we introduced the concept of our store where all the necessities of the students would be filled by that store
- Use of regularly e-library gave the students feeling of their presence in schools where they can access the required books
- As the school's updates the students regularly about the competitions and new rules and regulations we introduce the news in our app for that purpose

These metaphors gained us the following responses in our questionnaire :

Our Question :

Were the icons and images self explanatory ? *

were metaphor being used in the icons and objects so that students get used to them as soon as they get our app.

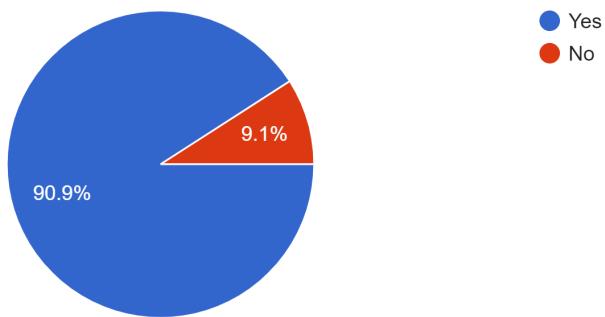
Yes

No

Responses :

Were the icons and images self explanatory ?

11 responses



Sharing of books among students :

Our app providing e-library also provides a feature of sharing books between different students allowing the exchange of books leading to the bonding between the students and avoiding the price of buying new books. Sometimes students want the book in physical mode and purchasing the book for that reason wouldn't be fine thereby this feature of sharing provides us the following responses :

Our question :

:::

how about lending and borrowing of books in our E-library section of app? *

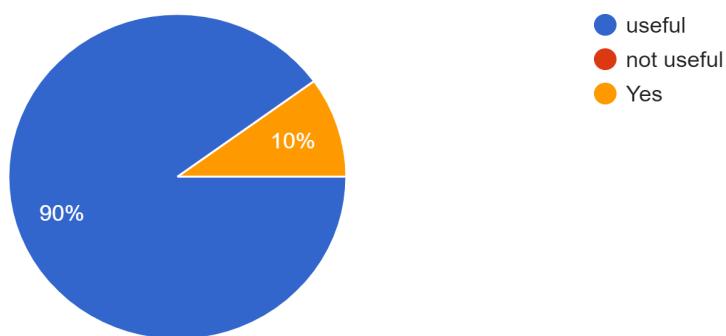
Yes

No

Responses :

how about lending and borrowing of books in our E-library section of app?

10 responses



E-News :

There is a positive response by our user's over this section they find it to be motivational and informative where they can have access to the success stories and informations about competitions, and all other education related news :

Our question :

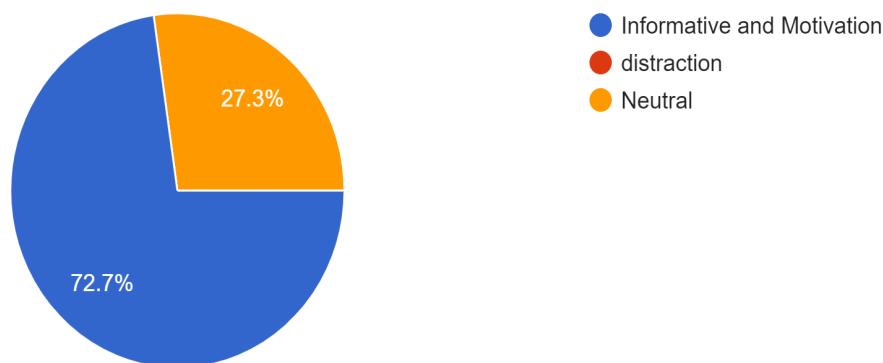
What about having Education related News related in present in our app would serve ? *

- Informative and Motivation
- distraction
- Neutral

Responses :

What about having Education related News related in present in our app would serve ?

11 responses



Bitter points

Stoppage of phone calls :

While studying in online medium at our homes the phone calls serve as a big distraction for students thereby we stopped the phone calls while we are in app or using it but some of the user's doesn't have their personal phones so they uses their parents Mobile phones for studying thereby they felt that it would be not be fair to stop phone calls completely because some emergency might be there calling us then they might be ignored by this mode in mobile phones therefore students have following responses for this question :

Were the phone calls being dropped completely is good option ? *

when you are studying then the phone calls are not picked up by the phone i.e. do not disturb(dnd) mode.

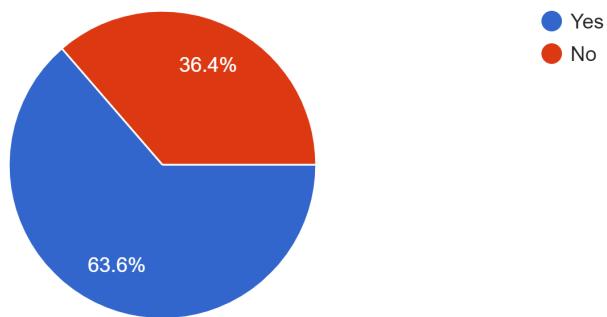
Yes

No

Responses :

Were the phone calls being dropped completely is good option ?

11 responses



Reasons :

if No, then what's the issue?

6 responses

It can be an emergency phone call

the app is very good every thing is visible plus assessable

there might be some important calls that may be missed

if someone use parents phone where there can be some important calls

Not every student have their own personal mobile and they are using their parent's mobiles for studying, so there should be an important call, which should not be dropped completely.

Idk it depends on the situation but i think it's better if it's there so it's a yes

Stopping related searches and ad's while surfing in internet :

We found in the survey that while searching the internet the students get distracted by the ad's and the related searches which appear for any type of search and most of the time these ads are useless resulting in wastage of the internet bandwidth but the students also find it to be important to have some kind of ad's i.e. career related, internship related etc. which help them to get to the bloc instead of searching it. Also they find it important to have required related searches for any type means there must be no topic apart from the web option chosen to be searched while running it or surfing it, the responses which were in this topic :

Our question :

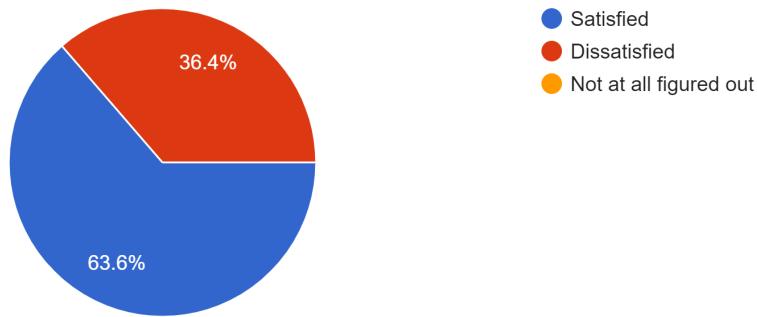
what's your opinion of ad's and related searches being completely blocked while using the internet features in our app? *

- Satisfied
- Dissatisfied
- Not at all figured out

Responses :

what's your opinion of ad's and related searches being completely blocked while using the internet features in our app?

11 responses



Reasons :

If Dissatisfied then Please let us know what's the reason for dissatisfaction.

5 responses

no reason

there may be som useful information

option of related searches should not blocked

sometimes ads are also useful, so strictly blocking of ads is not a convenient option.

Time consumption

Neutral points

Use of internet while reading of lecture notes : sometimes students wants to get the extra knowledge of a particular part or understand it's applications but this feature may be misused for the sake of convenience and easiness where the students may did not put any efforts just search the google or any other and get required information rather than trying themselves or trying by themselves :

Our question :

Is having internet options while reading the lectures a right decision? *

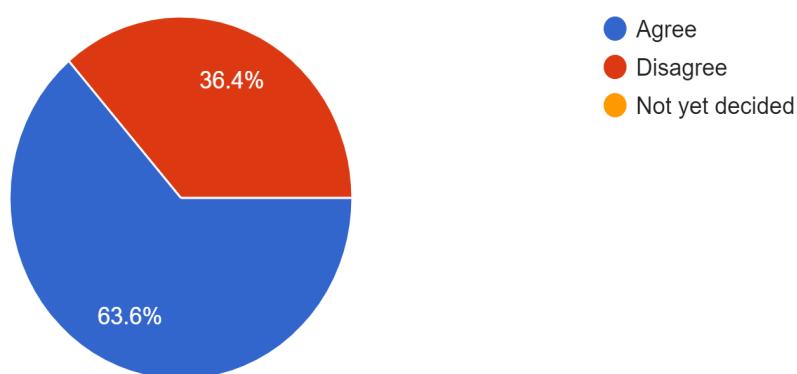
whether students would try to figure out doubts themselves or just have search on the google or YouTube looing their capability to think and act and just making them doer's not thinker's.

- Agree
- Disagree
- Not yet decided

Responses :

Is having internet options while reading the lectures a right decision?

11 responses



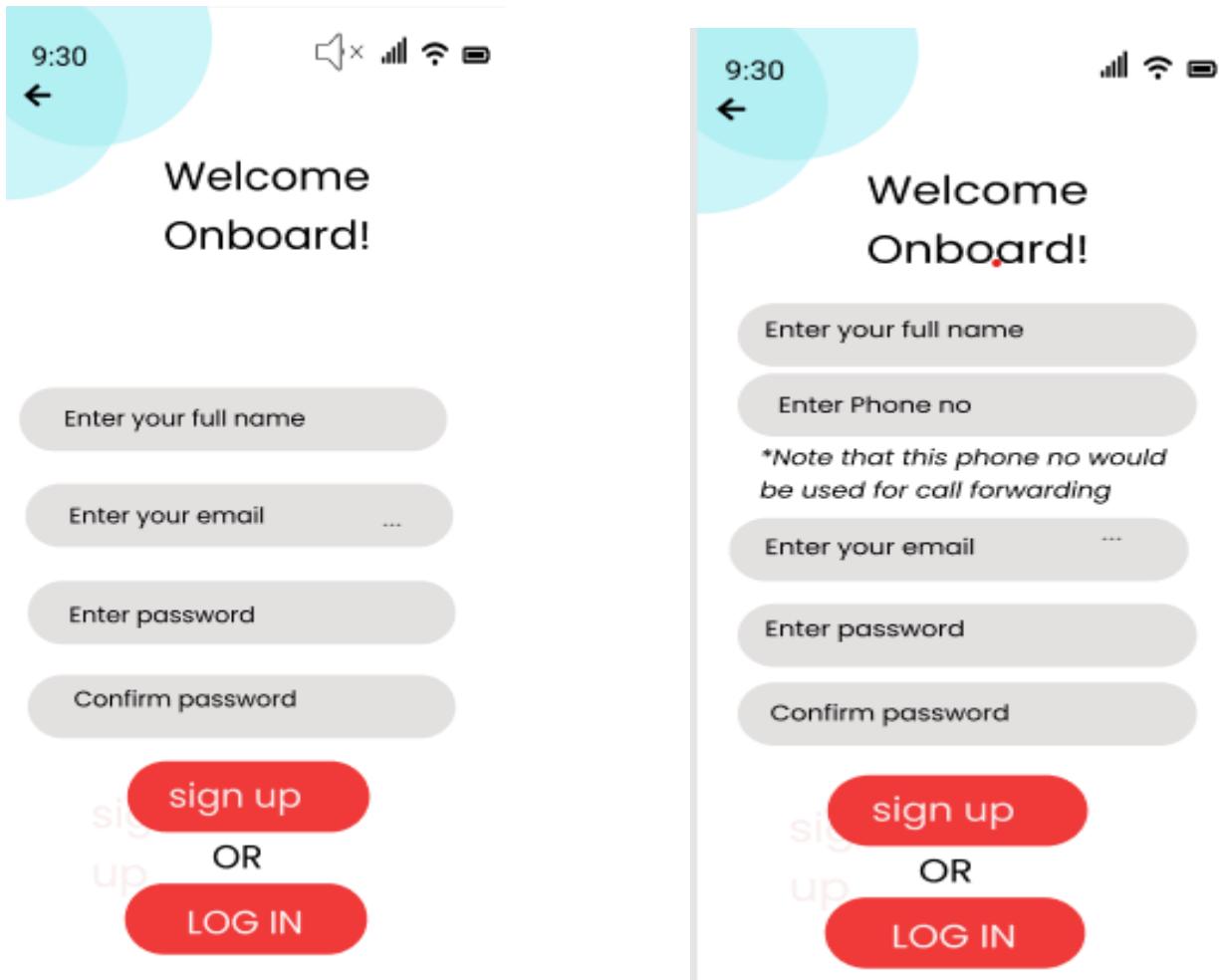
But we took these challenges seriously and decided to have change over them : We conducted various iterations over the problem space and found out that just for the sake of losses we should not also forget the positive consequences. "Life is all about the balance " we found this statement to be useful to our solutions to our bitter points and thereby decided that we should change the defined rules and regulation and modify them and then use them in a new way thereby :

Solution for Stopping of complete phone calls :

Our main problem in this feature was that it was not fitting for some percentage of students who don't have their personal smartphones thereby missing phone calls.

So we felt that to avoid such situation we must forward that incoming calls to some other person in the family whose numbers are entered by the student and then if that person can't resolve the matter and could be resolved by the home mobile phone only then when that person when calls the student then the phone call is not dropped and the phone rings thus avoiding the most dangerous cases. This solution avoided problematic cases and solved the less important cases easily thus satisfying the students.

We removed our old functionality in our prototype of dnd mode but added new mode where it takes input for phone number and then use it for forwarding of calls



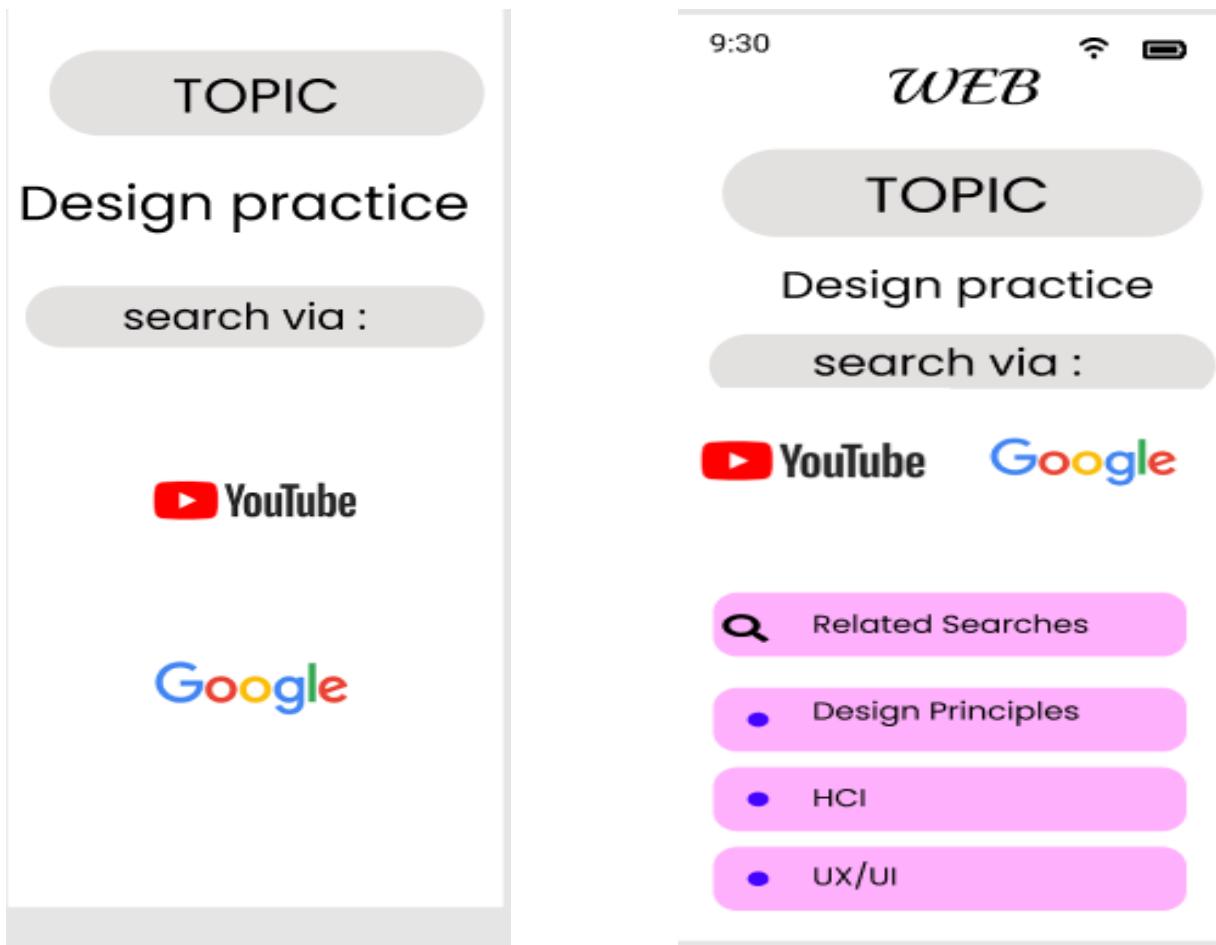
Initial

Final

Solution for stoppage of related searches and ad's while surfing the internet :

Our user's want that all types of ad's don't have the same outcome or have the same meaning thereby they want useful ad's related to education to make them aware about any new technology or advancement. Their hope was to reduce all irreverent ad's and related searches that keeps on distracting the student and moreover these also use bandwidth so if unuseful ad's come then it has direct two losses. So we decided to remove those ads which are away from education related searches and just keep the required ones and we did it with the help of our app .

We replaced our first ad's prohibited and related searches off mode with safe mode on where only the required ad's would be displayed and other would be disregarded.



Initial

Final

ANALYSIS AND FUTURE WORK

ANALYSIS

- Distributing work among individuals is much difficult than doing work itself
- Best surveys are those which does not bring stop in the flow of filling of form by individual
- More are the metaphors more is the ease of use of our product
- In surveys the language should not be on harsh side means asking them straight questions we should use lenient and soft language skills while framing the questions so that they doesn't feel it as burdened they must feel that they must have to give something useful in the form
- We should keep in mind while designing the App or product that our innovation truly might be innovation for us only not for others. It helps to

think logically and customer oriented and have to be strongly oriented with user experience

- Any startup or company could not proceed without having it's CEO
- While designing the product every individual cannot work at the same level
- Any startup or group project is just start and fail process if it's members are not determined towards it' success
- While selecting any topic for group project the point is not to be fulfill personal dream's it's important to fill dreams which are of everyone
- We think that any project could not be successful if it's members doesn't have dreams in that direction it would be just home-work, so selecting the team members is the most crucial part for the project or entire company's success or failure
- Iterations over the entire design cycle is the heart of designing process either it may be discovering requirements or develop the product
- We also find the double diamond process as the best process by which we can judge our group progress and think of how fast and slow we have to carry out the work

Limitations of the app

Our app has one feature which has equal pros and cons i.e. web part whether students would take advantage in positive or negative way i.e whether first they will try to solve by themselves or just see the simple answers for their doughnuts and just filling their brain with information and not putting their brains over that particular problem and just finding the answers and the web part has been included because it would save their Internet bandwidth for their switching across the tabs and here our apps has drawback that what would be the level of indulgent in the internet for finding of simplified text for their problems making them as doers not thinkers.

Future Work

When we are watching the movie then if there is any noise, then barely we are distracted and we don't have any thought apart from that so the point here is to

notice is the but we faces distraction while studying very often and even if there is very little noise we get frustrated over that noise causing element and even the lectures are going most of the students find it as boring and gets as easily distracted as easy we can here point is that the subject is not boring but sometimes the way of teaching of professor is not so engaging that the student loses interest in that subject thereby our next focus would be to improve the way of teaching by redefining the way of teaching by our teachers. We would be launching more 3D objects, Visualisations, Animation effects in the videos which would be uploaded in the E-course section of our application. These videos would not be available separately; they would be made by the student's course instructor only but we would provide an environment where teaching could be made fun with the help of technology. These things can help the students to visualize and improve their imaginations and grant them freedom to think and enjoy the beautiful subjects which they have chosen. We will also be planning how we can increase our dimensions towards offline mode of education

Conclusion

In today's highly competitive world, students face various academic problems while studying including exam stress, disinterest in attending classes and the inability to understand a subject. It is mandatory to focus only on studies on the respected time, But distraction does not let us to study properly. While studying somehow we get distracted because of some reasons like social media such as Facebook, Instagram etc. Apart from these if you are searching anything from google or YouTube for better understanding, you will see that many results appear which is not useful. Therefore in our app there will be no distraction while studying, In fact everything will be available which is relatable. In the app there will be access to e-course, e-library and many more which can be accessed by everyone, and if he/she finds any difficulty then they will be able to search the topic or any chapter in the web part of the app without typing, only clicking needs to be done. If you are facing any difficulty while solving any specified problem, then you can also take help from the web part of our app. Each and every facility has been provided in the app for one's convenience while studying.

Link for the youtube video is [here](#)

Link for google form 1 is [here](#)

Link for google form 2 is [here](#)

LINK OF FIGMA:

<https://www.figma.com/proto/PUfynuT8xOFrCGmp2HTHpR/Untitled?node-id=2%3A0&scaling=min-zoom>

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INTRODUCTION- SHOBHIT VERMA AND TALHAH

METHODOLOGY ::

STEP-1 : SHOBHIT VERMA

STEP-2 : YASH VARDAN SINGH AND ABHIT RANA

WRITING PART AND CONTRIBUTION OF ANIRUDH IN
DESIGNING THE FORM OF SURVEY

STEP-3 :

BRAINSTORMING AND FINALISING SOLUTIONS--

TALHAH SAMAR

LOW FI PROTOTYPE ---TALHAH SAMAR AND

ANIRUDH AND SHOBHIT

STEP-4 :

HIGH FI PROTOTYPING :

INTRODUCTION AND HOME-PAGE-ANIRUDH

E-COURSE- ABHIT

E-LIBRARY- YASH

NEWS- SHOBHIT

THESE COMBINED INTO ONE BY---

ANIRUDH

STEP-5 : ABHIT

ANALYSIS AND FUTURE WORKS- ABHIT

CONCLUSION- TALHAH

YOUTUBE VIDEO--ANIRUDH

PROJECT REPORT WRITTEN - YASH

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