

TEAM: AMBITION

DESIGN PROCESSES & PERSPECTIVES

ASSIGNMENT - 3

OUR SPACE/DOMAIN FOR REASEARCH

Students and Professionals

-Work From Home

AGENDA



Topics covered

- Survey through Google Form
- Interviews
- User persona
- User Journey Map
- Empathy mapping
- Problem Statement
- HMW Statement
- Brainstorming
- Solution
- Prototype
- User Testing/Feedback
- Meet the Team

WHY WE CHOSEN THIS DOMAIN ?



This domain has been chosen because, in recent times, a lot of users have worked in online mode and they have faced several disadvantages which has eventually affected their lifestyles and productivity.

QUALITATIVE RESEARCH

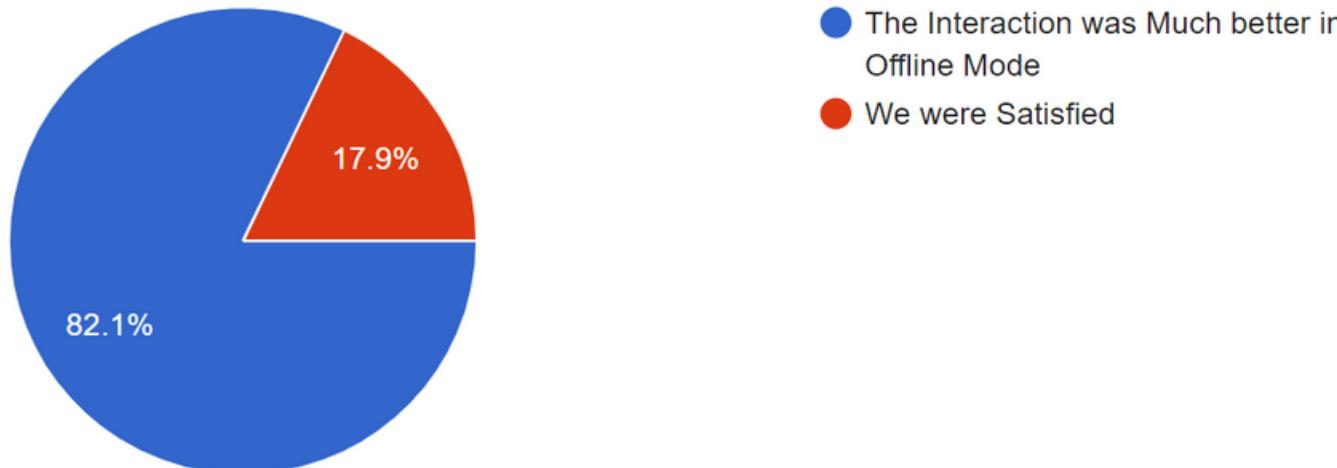
- Survey through Google form

We have conducted Research in the field which we have chosen through a User-Survey(Google form) and users from both the Study and Professional domain have given their responses and shared their experiences with us .We have analyzed the results of the survey and incoroporated them into our work and shaped our problem statatment as per the difficulties faced by Majority of users. The detailed analysis of reasearch is mentioned in the upcoming slides.

How satisfied were you with the quality of communication during Work From Home with your Batchmates/employee/Teachers etc?

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28 responses

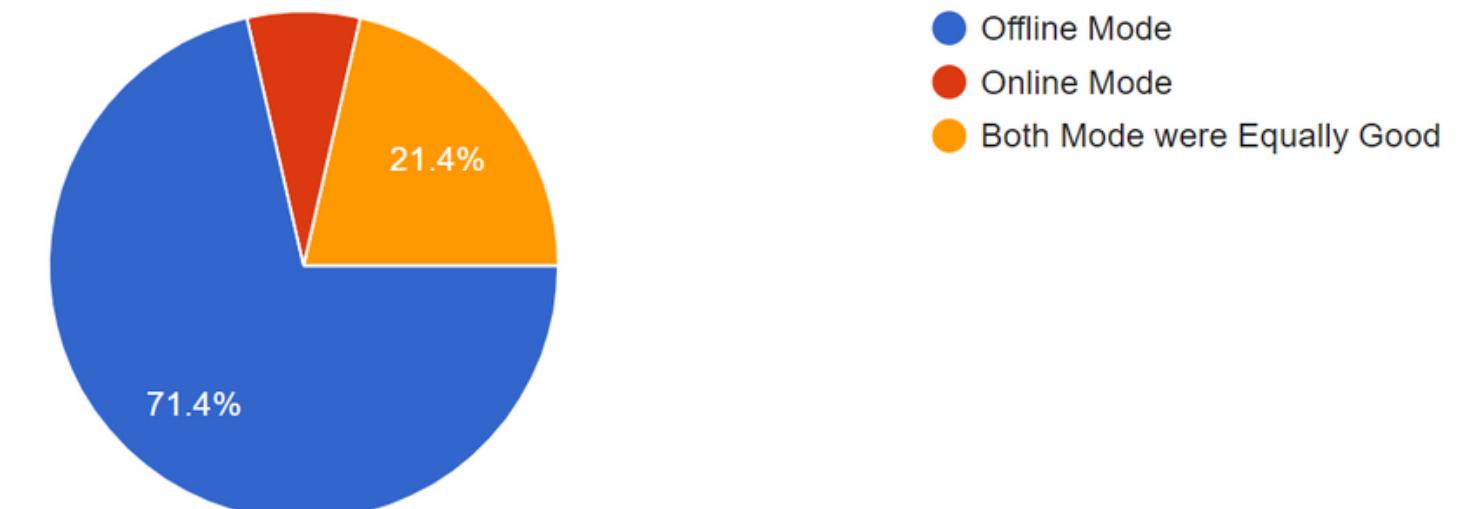


- The Interaction was Much better in Offline Mode
- We were Satisfied

In terms of "Productivity" and "Focus" ; Which Mode did you find better

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28 responses



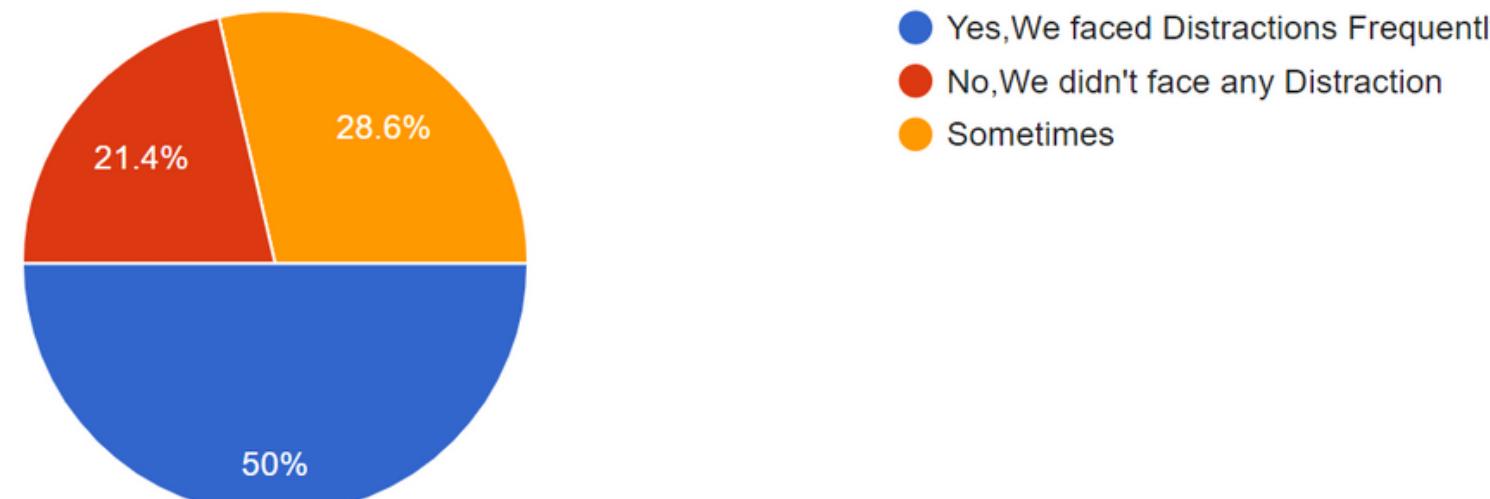
- Offline Mode
- Online Mode
- Both Mode were Equally Good

“

Have you Ever faced Any Distractions in Your Work while Working Online?

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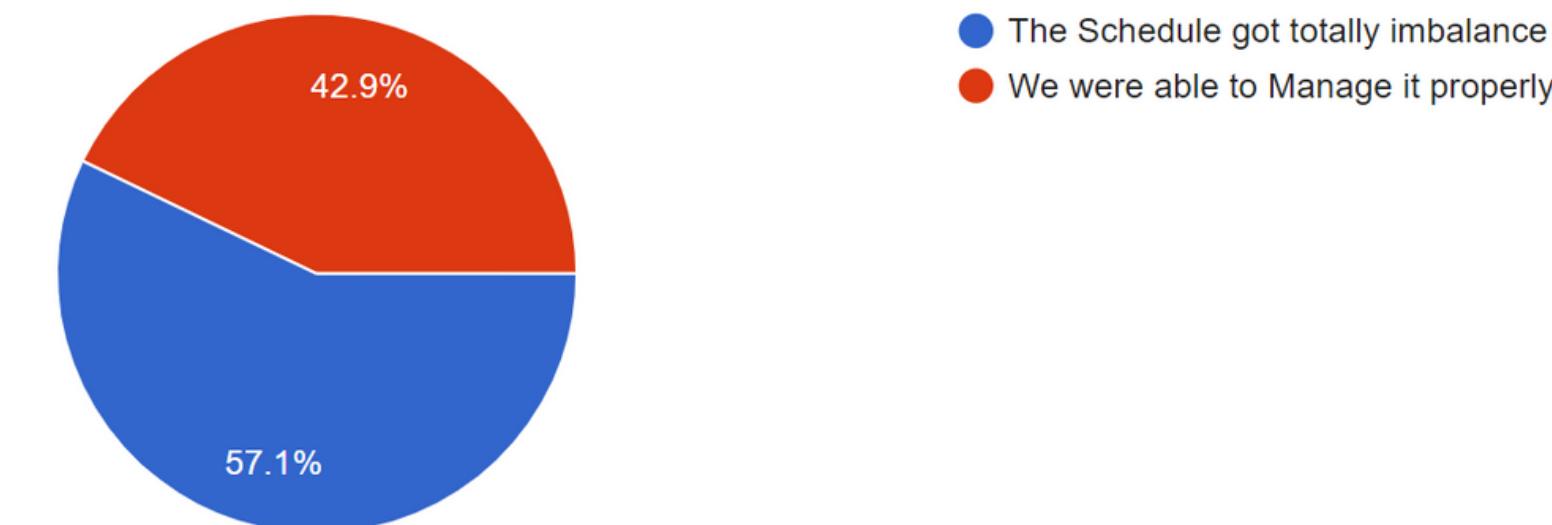
28 responses



How Was Your "Work-life" balance and General Routine during work from home?

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28 responses

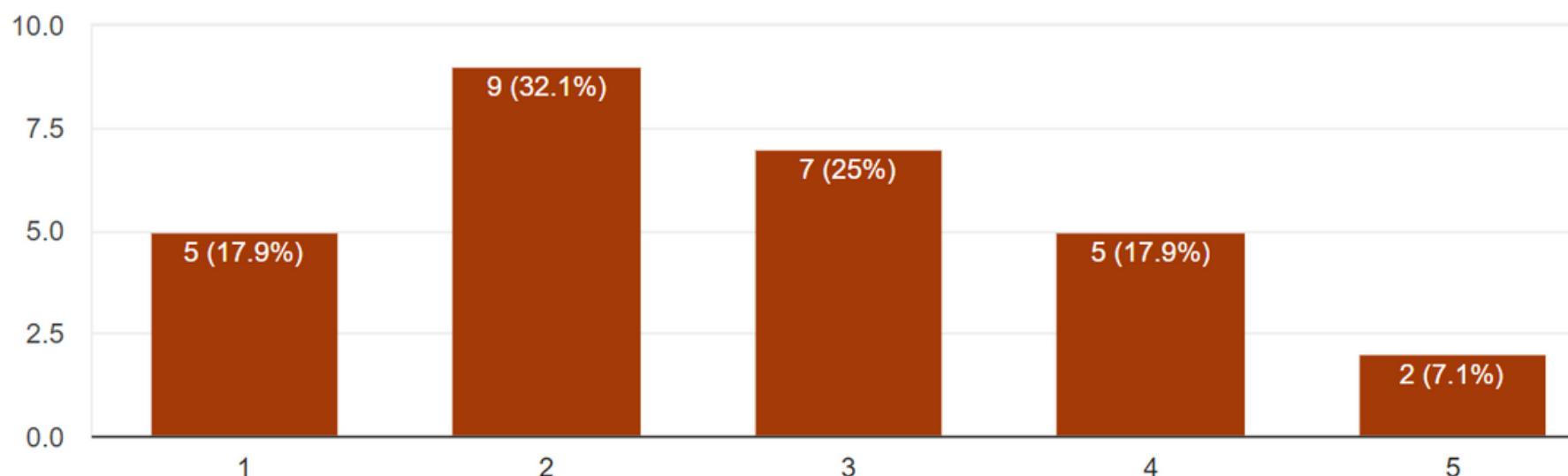


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How would you Rate your Work From Home experience on the Scale from 1-5.

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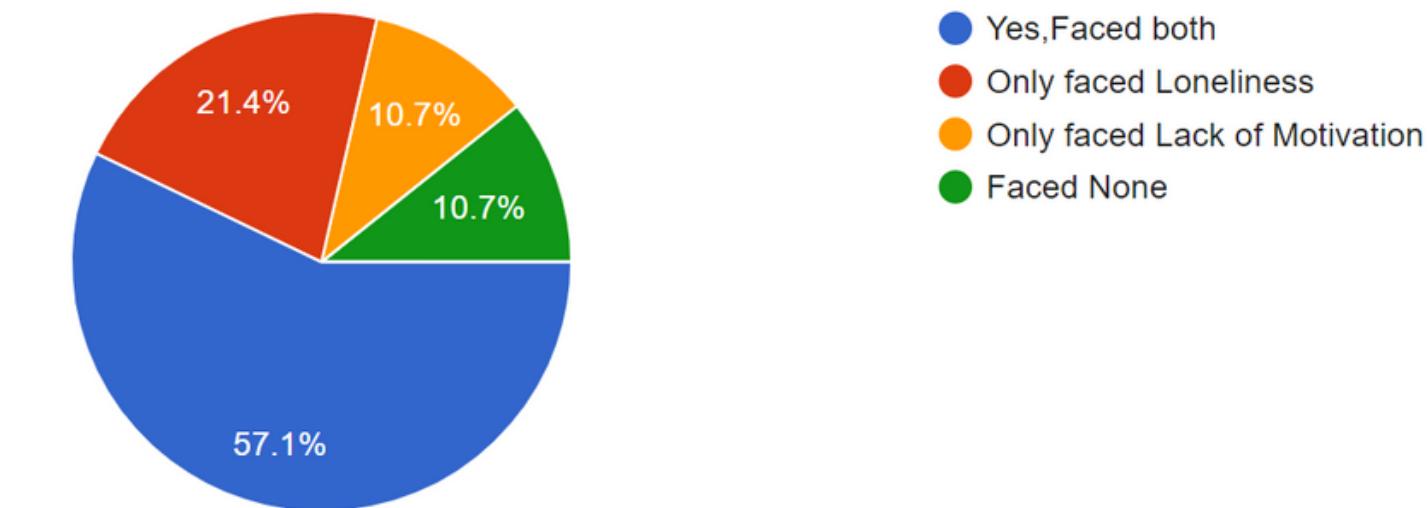
28 responses



Have you Ever faced "Loneliness or Lack Of Motivation" during work from home?

 Copy

28 responses



“

Have You Ever faced any "Mental Health or Physical Health issues" due to Work from home?
if Yes,Please Describe it?

20 responses

Faced medical depression, anxiety issues, sociological issues.

Nope

physical capabilities deteriorated

Got Anxiety

Unlocked Anxiety Attack

Yes, headaches sometimes

If I say physically then I became more lazy and fat because I wasn't walking or running to workplace and I was mentally disturbed also because schedules get changed any time and also sleep cycle wasn't the same every day. Other than these the lack of interaction is what I didn't like in online mode.

As I am doing engineering from DTU I remember that I literally learned nothing in the online classes, also the engineering asks for practical work, for labs, for machineries not just an online screen and simulator.

Yes. Work from home needs continuous attention towards our screen that is being running in front of us which affects our eyes as well be the reason for a headache too..

Yes, my physical fitness, body shape and metabolism got affected badly.

Idk

Depression

Physically I was not feeling well as I was not able to go outside, do physical hardwork and interact with friends physically

Yes, It Causes eye pain , feeling restless and feel tired.

Yes, Headache and tiredness



Would you Please Mention what were your Distractions/Problems Faced by you while working from home?

28 responses

Started procrastinating a lot and couldn't focus much on what I had to do.

No distractions

Social media

Sometimes got attracted to other gadgets like using phones etc.

social media, youtube and OTT

I was constantly getting distracted. I would start to watch movies on Netflix.

Social media

No discussion with people and feeling loneliness

Web series

QUANTITATIVE RESEARCH

- Interviews





User was interviewed to get to find their experience with working from home.

Audience interviewed: College student

- Distractions in online mode
- pros of online mode
- cons of online mode

Insights from the interviews

Distractions in online mode : Web Series, Online games.

Pros of online mode : Healthy food, Living with friend and family.

Cons of online mode : procrastination, Anxiety, Loneliness, Laziness, bad lifestyle.

Insights from the interviews

- People took quite a bit of time to get used to the online mode
- Online mode was not efficient
- People got distracted or there were too many distractions at home

USER PERSONA

NARAYAN SHARMA



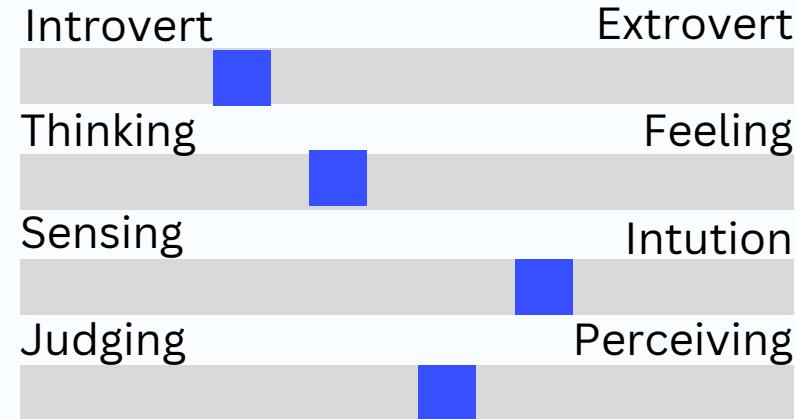
Age: 26

Occupation: Teacher

Status: Unmarried

Location: New Delhi

Personality



Motivations



Goals:

- To become Professor.
- To achieve knowledge in his subject in depth .
- To get better experience in teaching field.
- to go for research also.

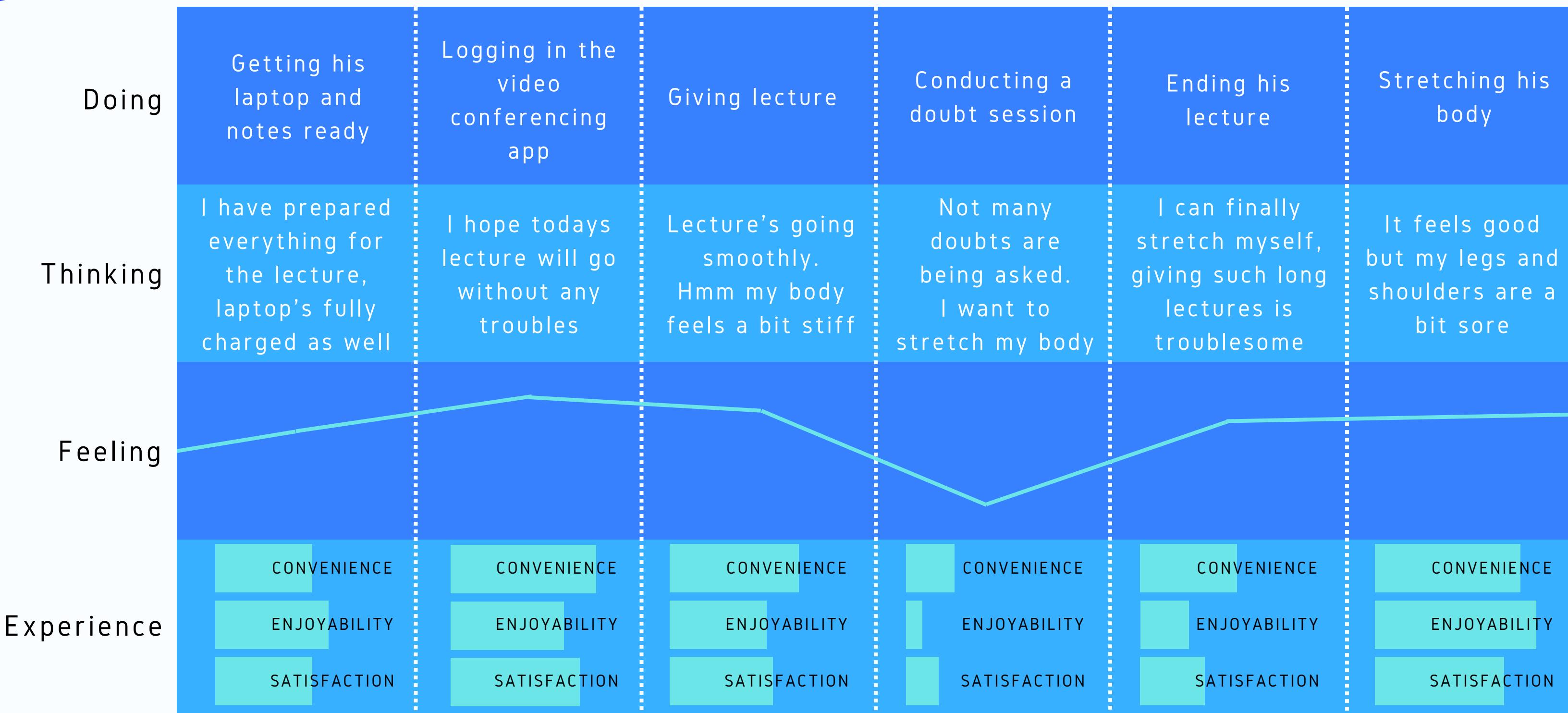
Frustrations:

- lack of confidence .
- Feeling to give up with work.
- Depression, angerness, misbehave, irritated.
- Being irritated.

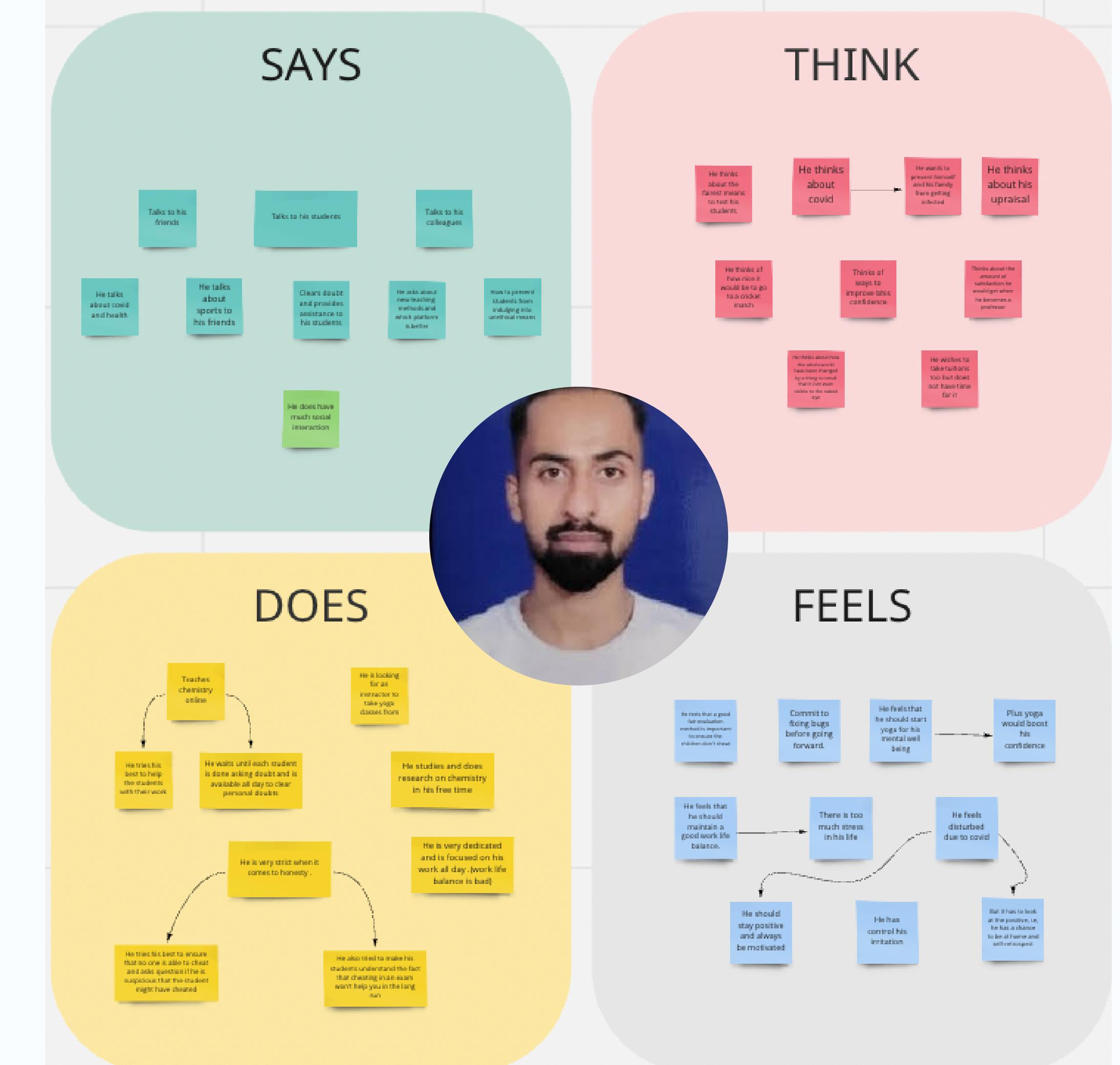
Bio:

Narayan is a "Chemistry teacher "who wants to increase their knowledge with proper satisfaction in the field of chemistry. He has been interested to solve and to dealt with different new problems related to chemistry. Narayan wants to improve his behaviour, to boost his confidence and also how his behaviour affects his well being. Narayan wants to have a great experience in research field in their discipline also.

Narayan's Journey



EMPATHY MAPPING:



ROHIT SINGH



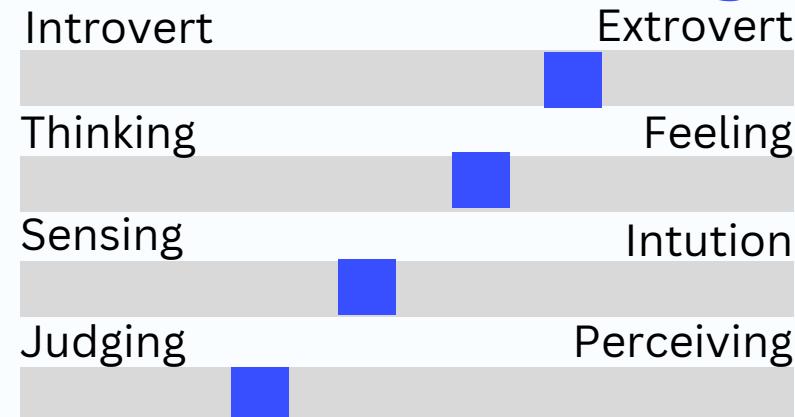
Age: 19

Occupation: Student

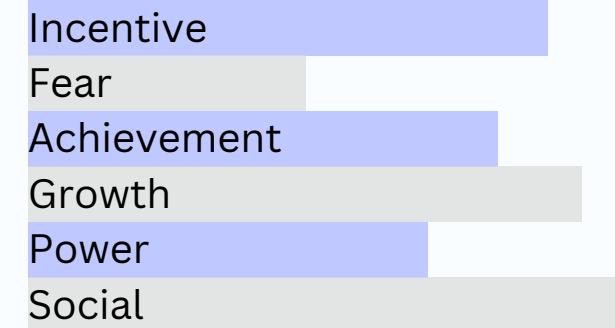
Status: Unmarried

Location: Saket, New Delhi

Personality



Motivations



Goals:

- Develop knowledge skills and abilities.
- To explore other careers or determine if he should advance in his current career.
- Increase job opportunity and salary potential.

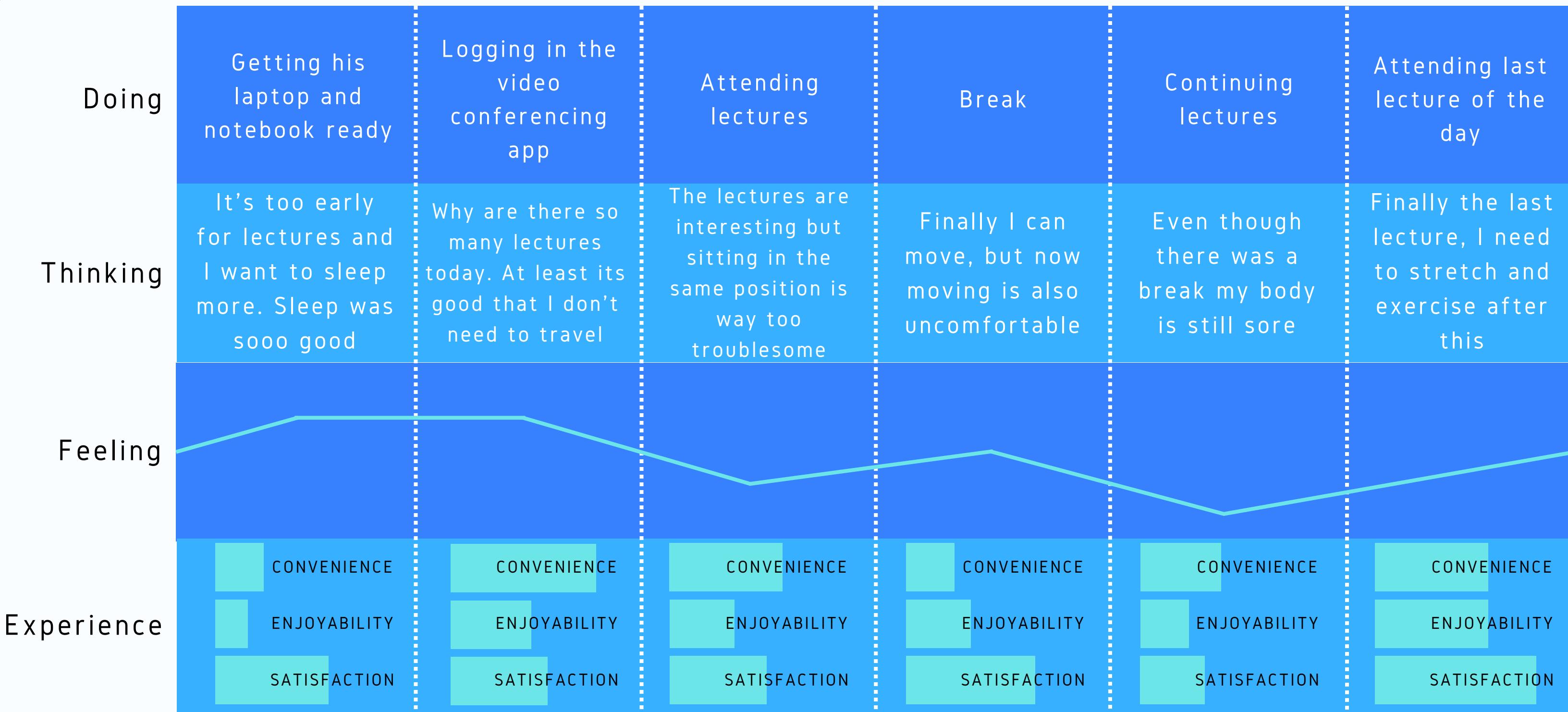
Frustrations:

- Deciding if pursuing an additional degree worth it for him.
- Funding his education.
- Balancing his education with his full-time job and social life.

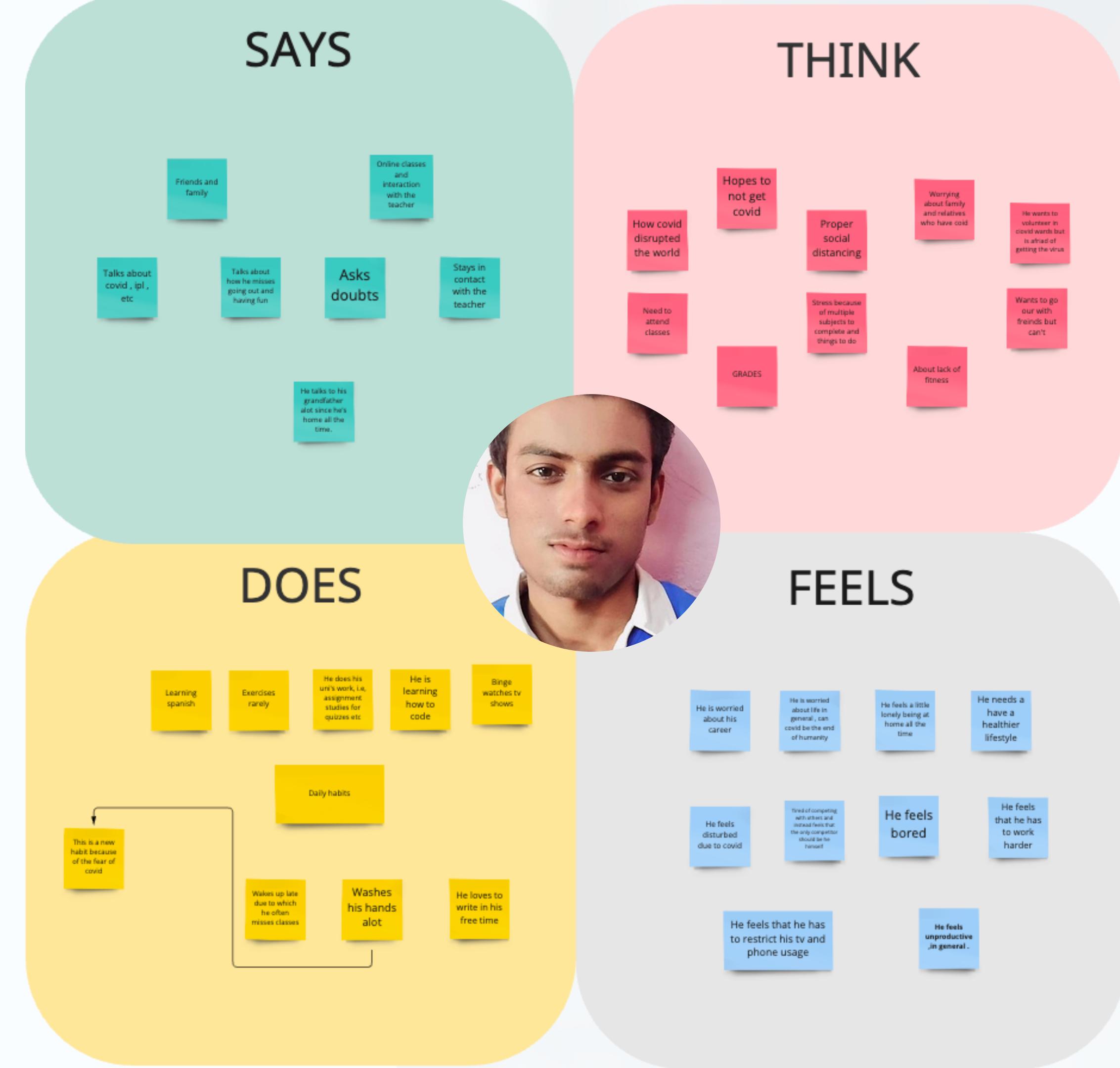
Bio:

Rohit Singh is a undergraduate student has been very interested to develop his skills , knowledge and his performance. Rohit Singh wants to pursue in career advancement or career challenge. He wants to make challenge to balance his graduation along with other degree.

Rohit's Journey



EMPATHY MAPPING:



INSIGHTS



Statement1:The situation

Statement2:The frustration

Statement3:The future desire



The Situation : We know that teaching has been changed completely due to the pandemic (covid-19).

The Frustration : Whereas there are a lot of available platforms for professionals to teach us students yet they aren't sufficient. These platforms have just been created to support the offline teaching method but aren't good enough to replace them.

The future desire : We need a platform that can replace offline teaching not just support it. This platform will enable us to attend classes, ask doubt and do everything else that we can do in an offline class.

“

Major Problems

Developed

Through User-

Survey



Problem 1:

Majority of users faced the issue of Loneliness and Lack of Motivation to do their work as they were unable to interact with their Friends and Colleagues which led a Direct Impact on their "Productivity".

Problem 2:

A large number of Users faced issues related to "Disturbed Sleep Patterns" & "improper Life-cycle routine" which had a poor impact on their body clock and affected their Sound sleep.



Problem 3:

Long hours of Sitting on Screens and continuous usage of earplugs caused a direct impact on the Eyesight & Ears of users.

Problem 4:

As the Majority of work was to be done on Mobile phones and Laptops, Users were addicted to the increased use of Social Media like-scrolling Instagram reels, Youtube, and watching content on OTT Platforms.

Final Problem Statement

Working from home or anyplace for long duration while sitting at desk causes strain on the leg muscles and discomfort in ankles, feet, thigh muscles, neck, shoulders and back therefore we need a solution to overcome this issue

HMW

Statement

How might we reduce body discomfort for students and professionals so that they can have a better and fruitful experience of online studies and work.

How might we manage and reduce the mental and physical stress of students and professionals so that they can have better work productivity

How might we make online work more comfortable and healthy for students and professionals so that they can indulge in their work and studies for longer hours without facing discomfort

IDEATION



Ideate



Brainstorm solutions;
highlight opportunities
for innovation

APPROACH TO SOLUTION



STEP1: Brainstorming Stage:

In the Ideation, we chose SWOT Analysis as part of Brainstorming.

STEP2: Implementation(Low-fidelity)

We sketched the rough scheme of product which we processing through a set of diagrams.

STEP3: Final Product(High-fidelity)

Using the sketches designed above, we finally created an Application as the final solution

Brainstorming

SWOT Analysis

STRENGTHS	WEAKNESSES	OPPORTUNITIES	THREATS
<ul style="list-style-type: none">• Improve postures by keeping legs elevated.• A good massaging and Accupuncture.• Portable and Efficient	<ul style="list-style-type: none">• Portability issue• Low popularity till now	<ul style="list-style-type: none">• Might create a huge impact on Market.• Will improve focus and work efficiency of user• Portable• High scope in Market	<ul style="list-style-type: none">• Changing consumer preferences• Might create cost-issue for some users.

OUR SOLUTION

SOLUTION STATEMENT

We created a "FOOTREST" which aims to reduce Strain and Pressure on leg Muscles as well as eases ankles and feet, thereby providing comfort to users.

WHY WE CHOOSE FOOTREST?

After analysing the problem of users, we synthesize a device "FOOTREST" which would serve Multipurpose basically a Massaging device which will check the body temperature, provide exercise to the legs using Accupuncture and would cater to the needs of user by reducing their discomfort of legs, ankles and foot.

Features of Footrest

Ergonomic

Temperature Control

Massage pad

Accupuncture

Height Adjustment

Angle Adjustment

Ready To Use

Features of Footrest

After carefully reviewing the problems of the user, we have decided to Create a FootRest which would cater to Multiple Problems faced by Users during Work From Home. The benefits of FootRest are Mentioned:

- A)ERGONOMIC FOOTREST: Helps improve posture by keeping your legs and feet elevated and moved.
- B)MASSAGE PAD - The massage texture get your feet massaged while the rollers ensure the movement of your feet, getting your feet fully relaxed.
- C)HEIGHT ADJUSTABLE - Height is manually adjustable to 3 different positions

D)EASY ANGLE ADJUSTMENT-Tilts 0-30° to support your legs at your preferred angle.

E)READY TO USE - Pre-assembled for immediate use. Non-slip feet enhance overall stability.

F)ACUPUNCTURE: It serves as a very good source of Acupuncture, comforting the foot muscles as well as targeting certain pressure points to stimulate neck, shoulder and back pain.

G)TEMPERATURE DETECTION & MAINTENANCE

WHY OUR PRODUCT IS DIFFERENT FROM OTHERS?

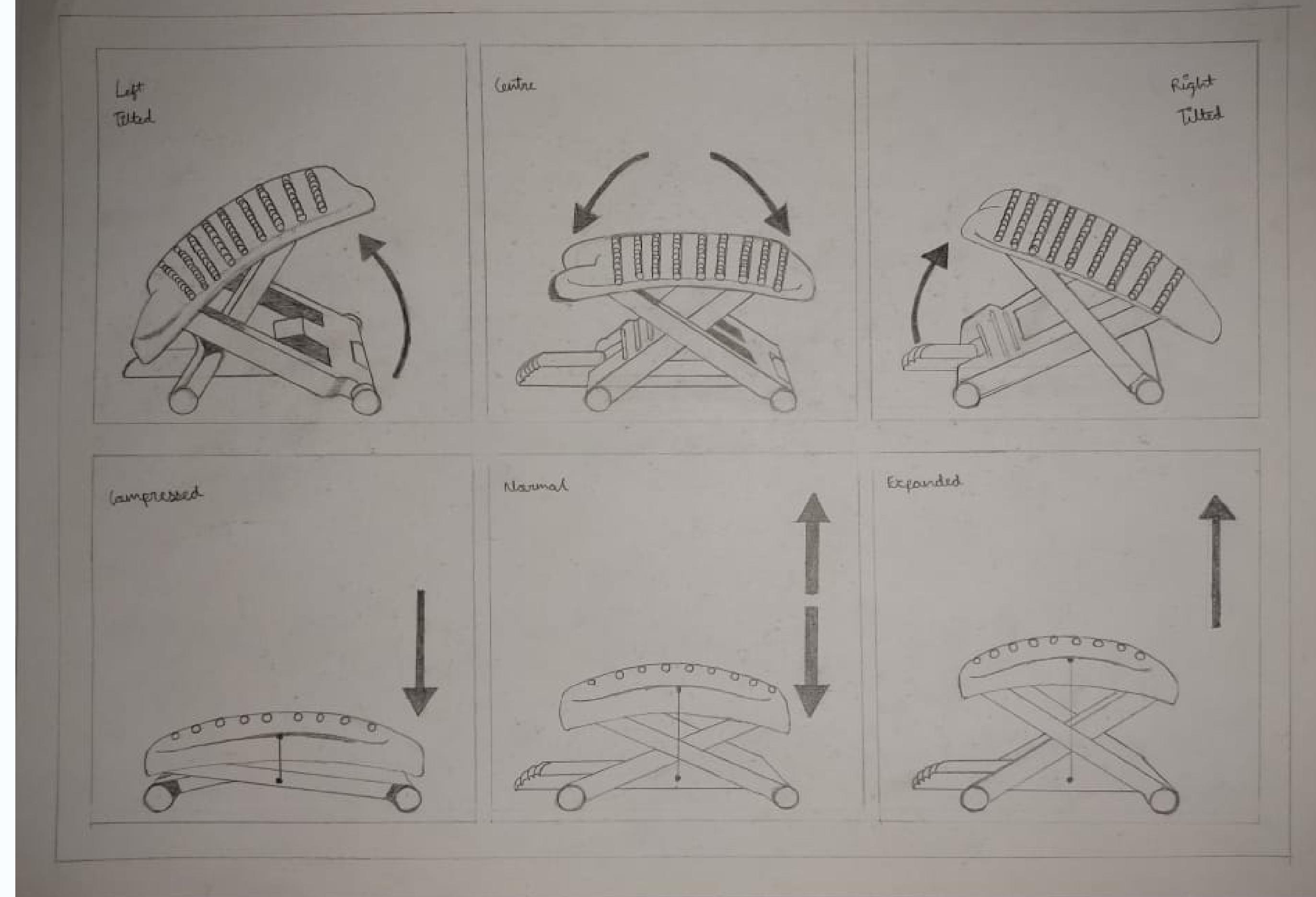
- There have been already existing footrests but our product is much better and unique than those with the following reasons
- We have included wireless connectivity with temperature maintenance control.
- We aimed to create a Lighter & Portable version of the device
- Different Inclination angles have been added to provide comfort to user.
- Elevation levels have been adjusted to different heights to level up the body posture of user.

PRODUCT

LOW-FI

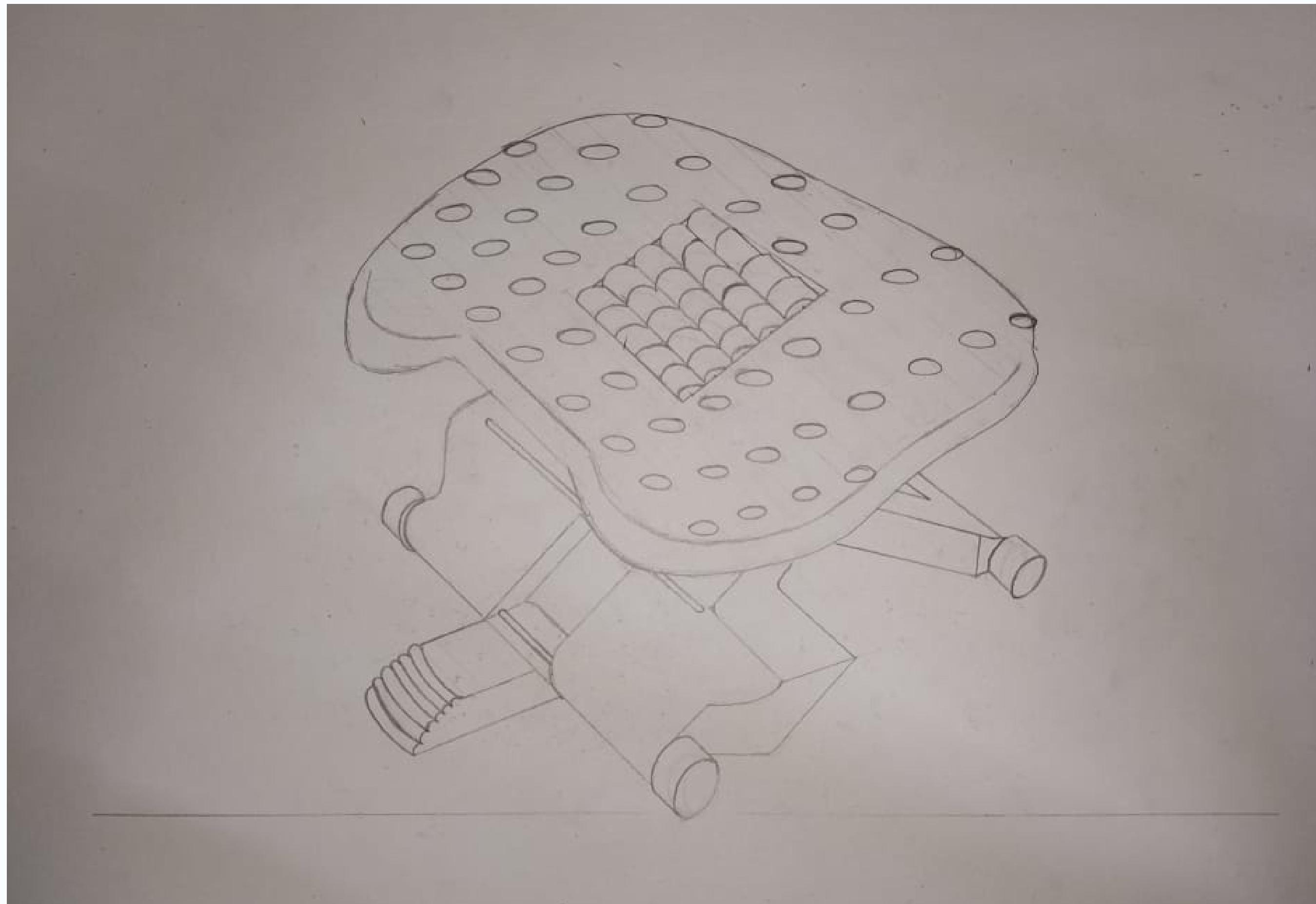


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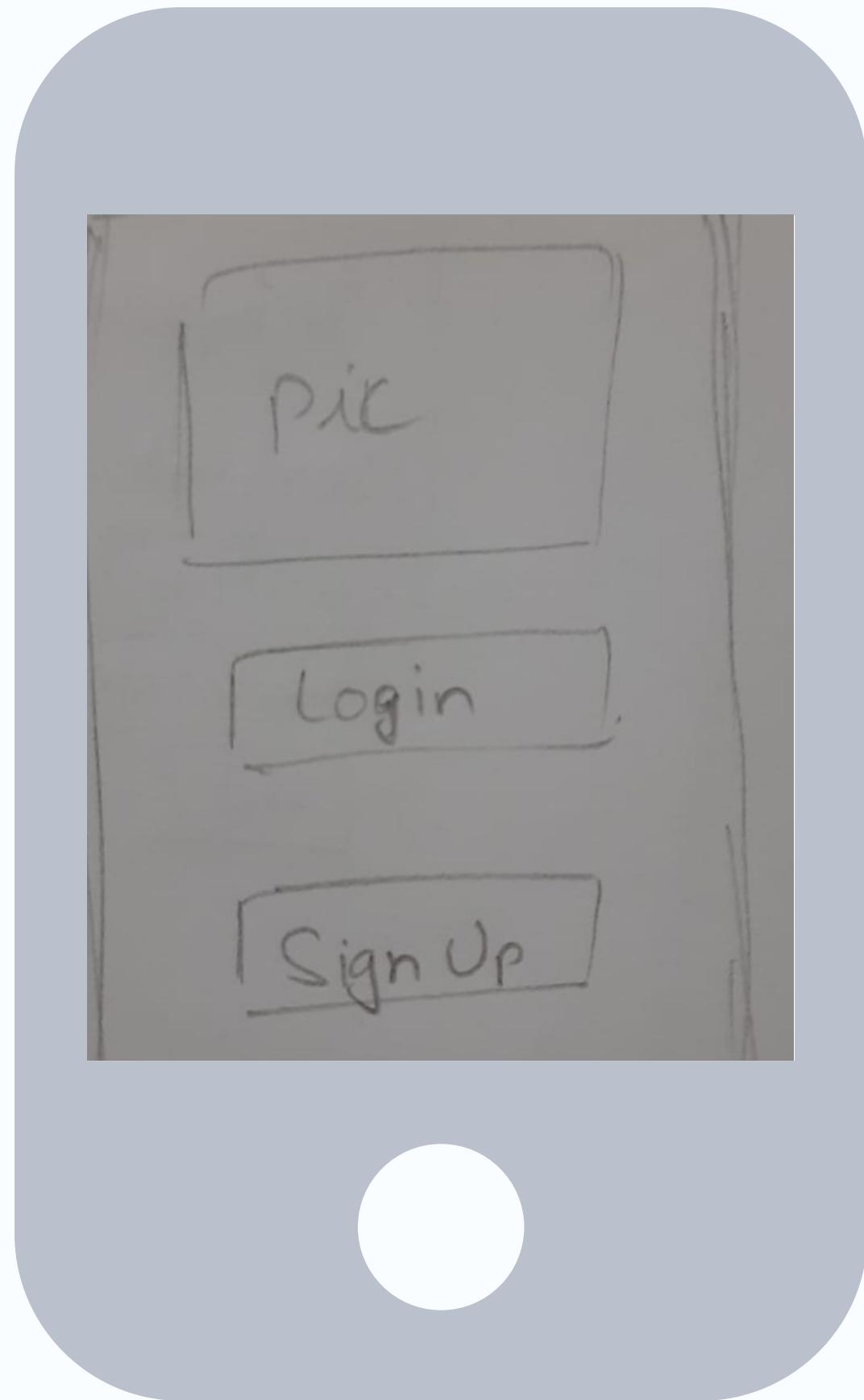
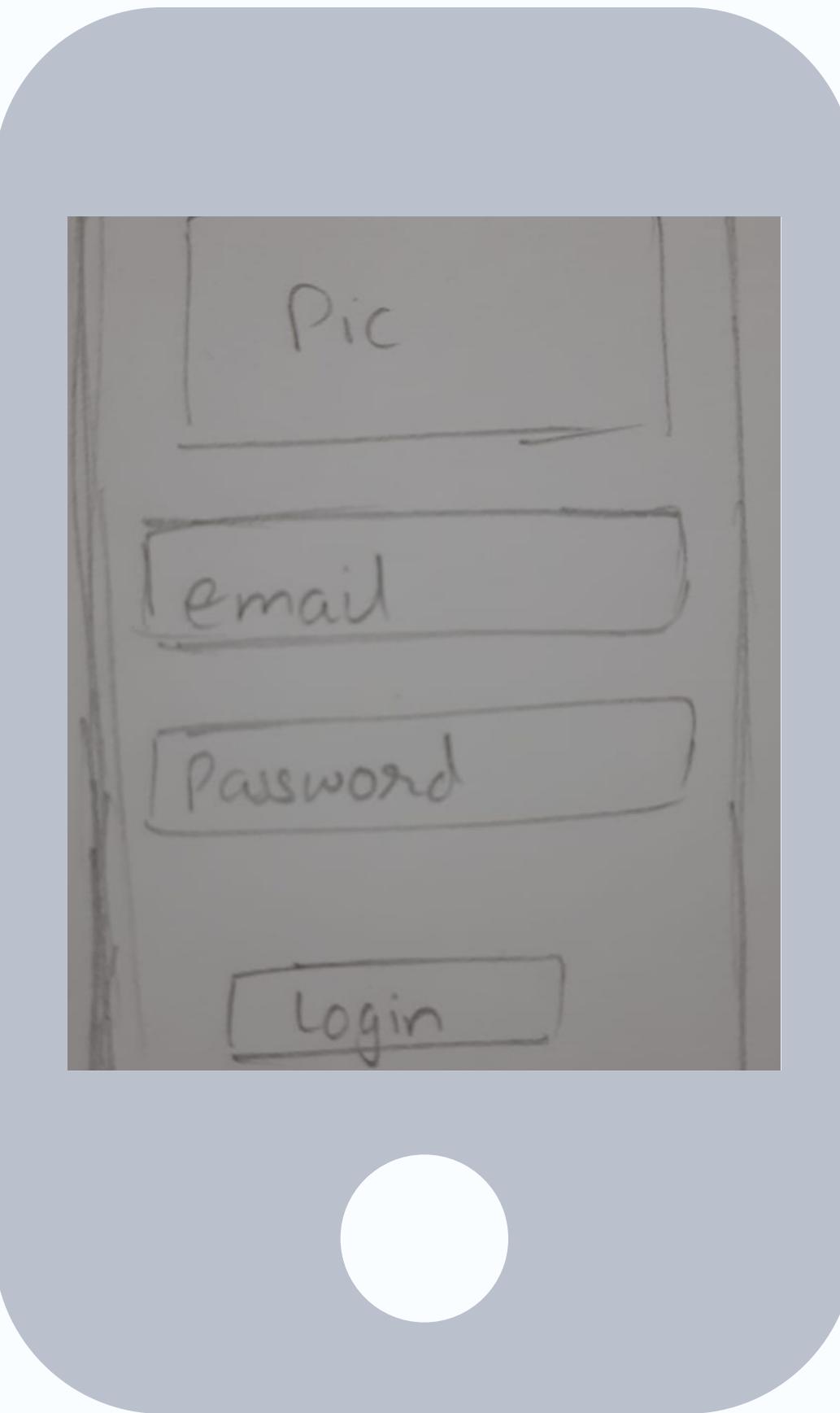
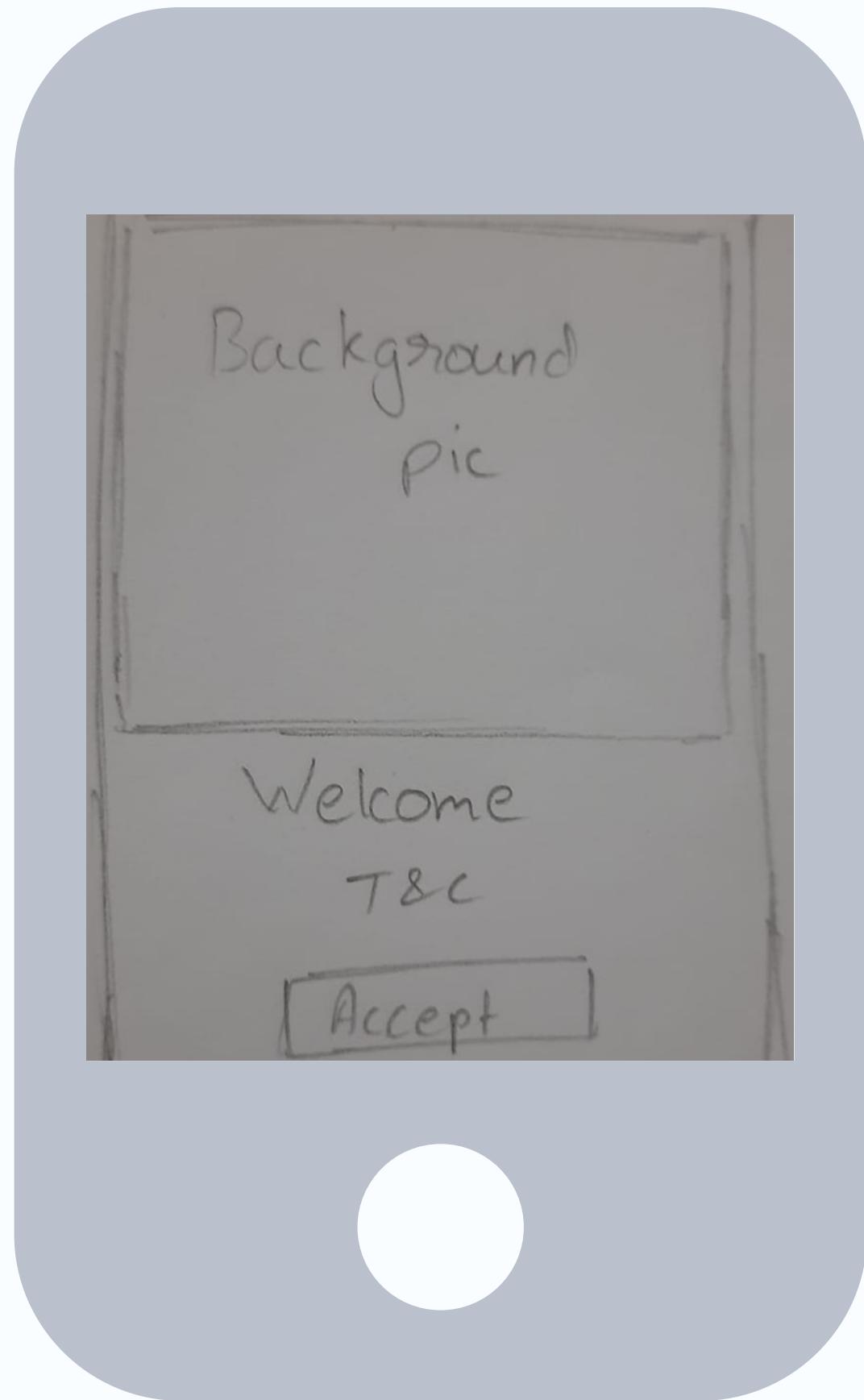


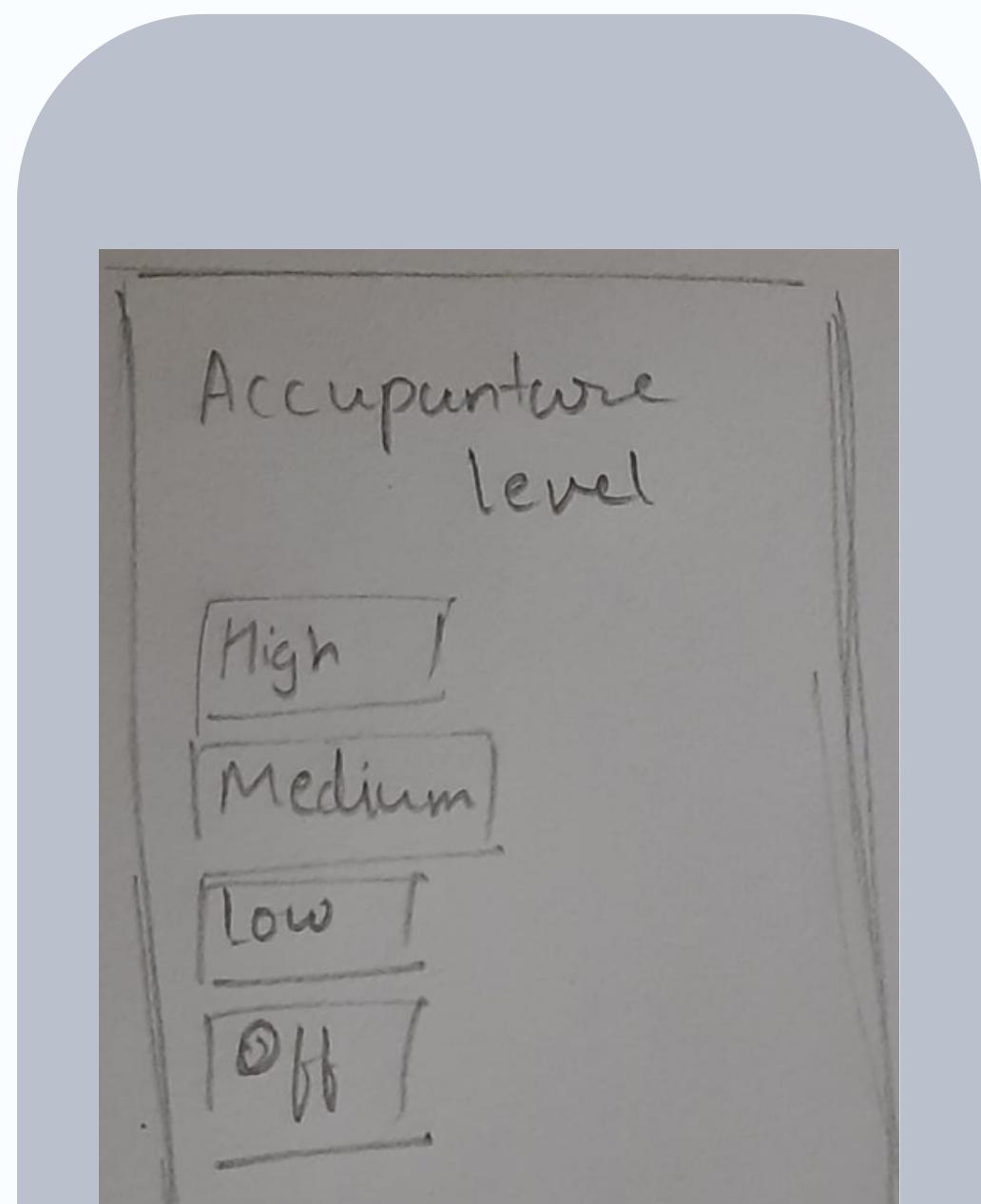
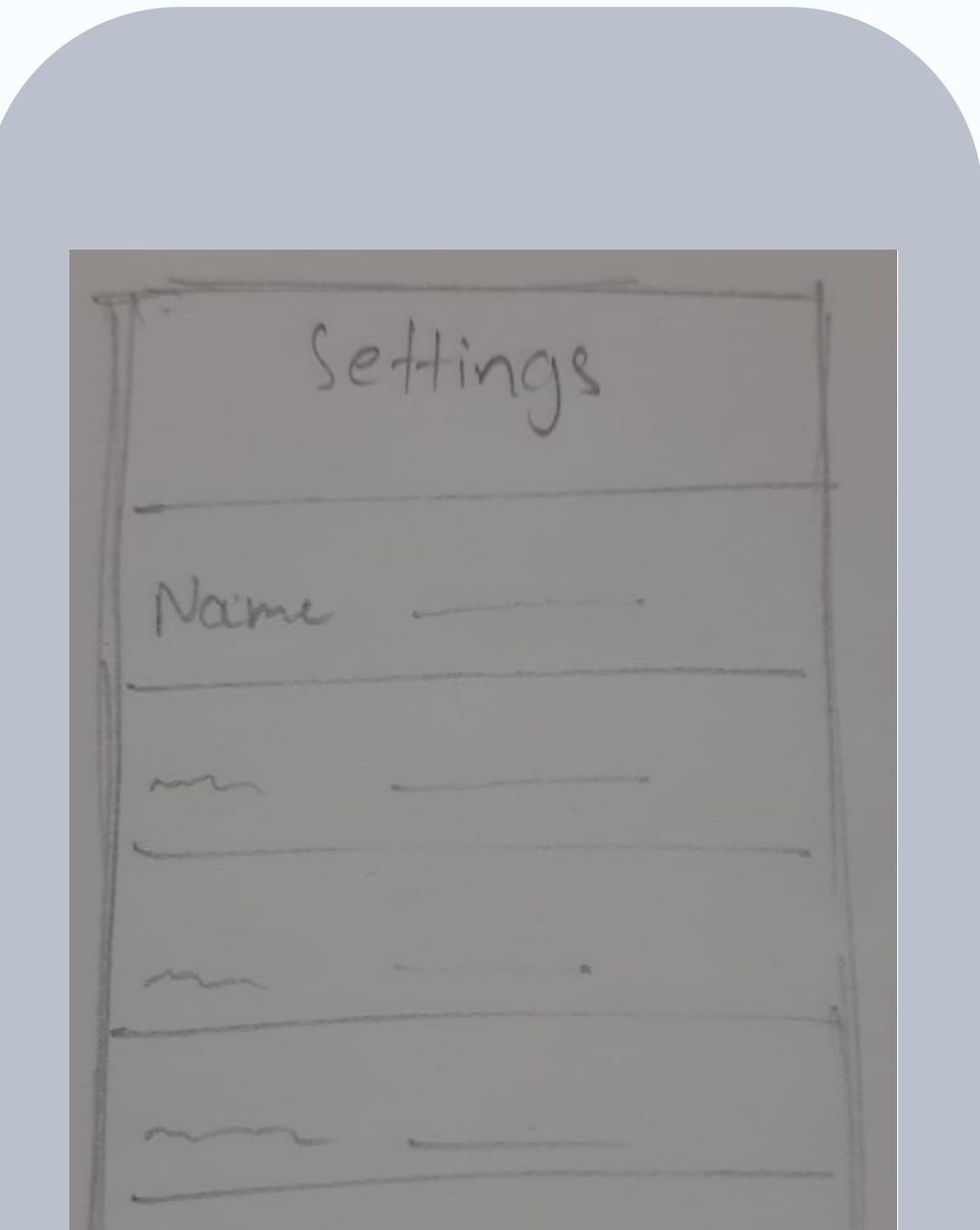
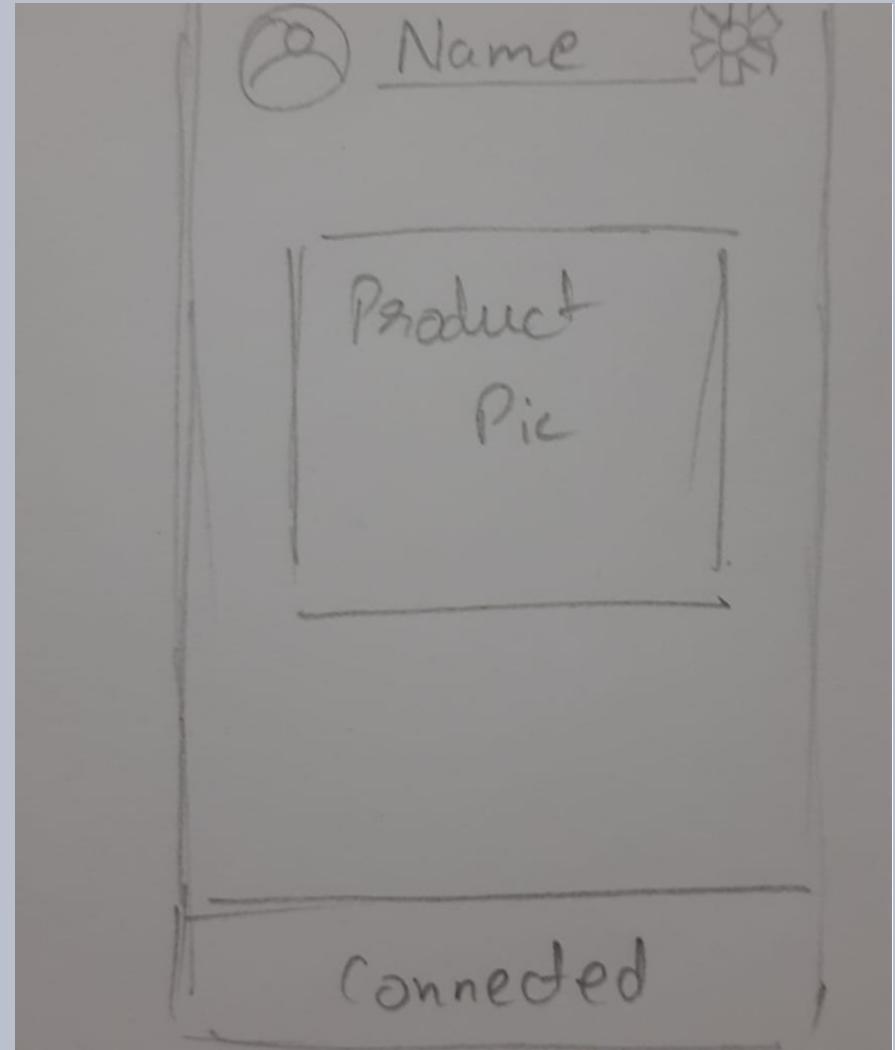
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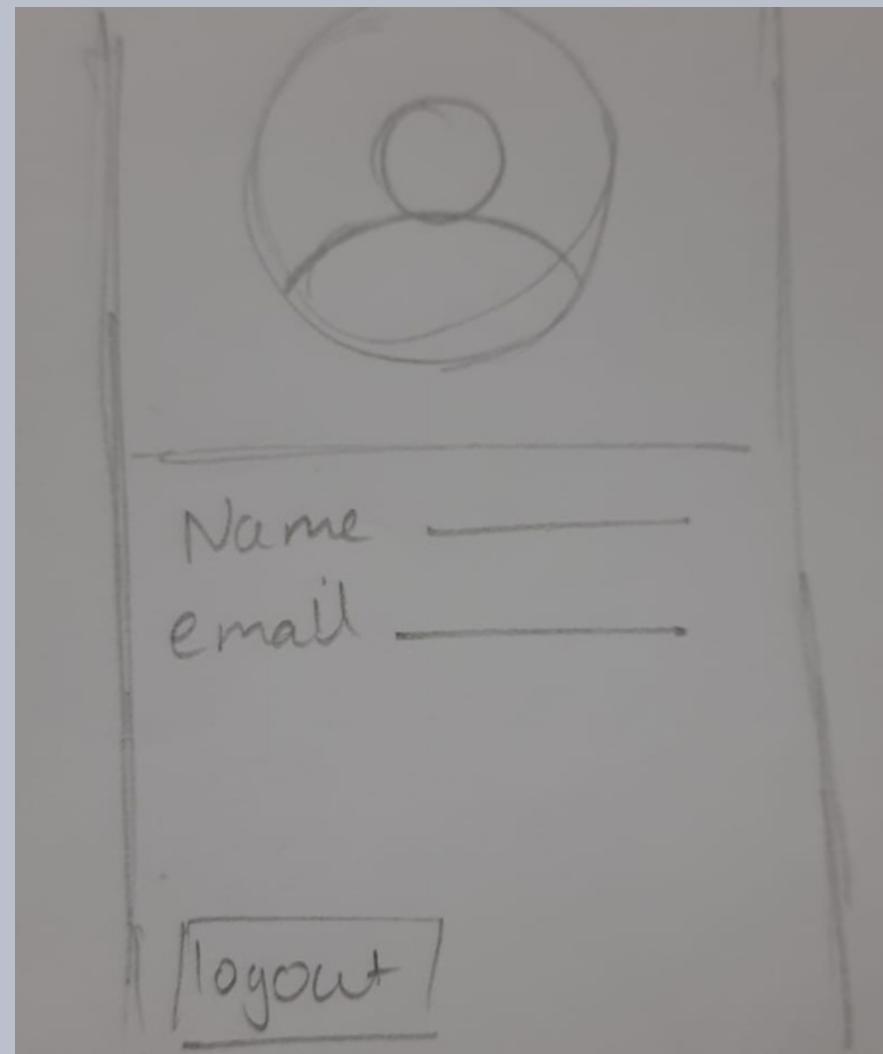
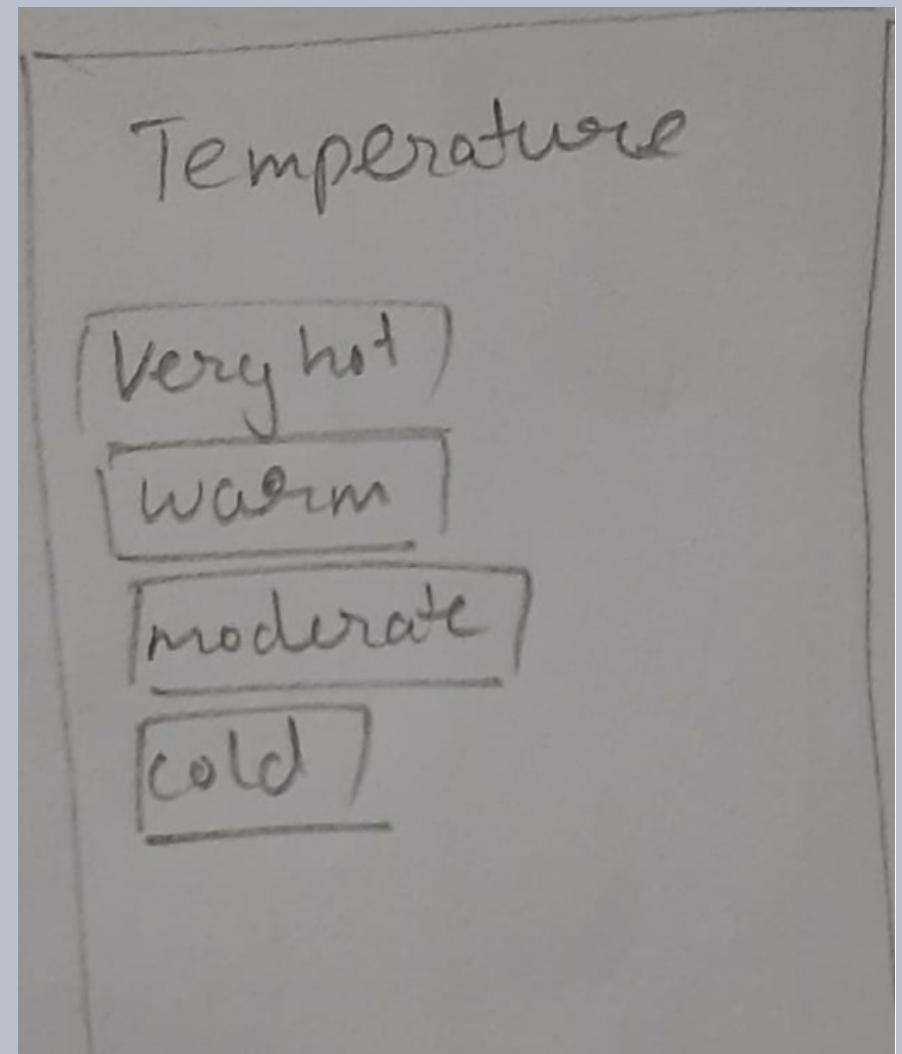


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LOW FIDELITY *WIREFRAMES*

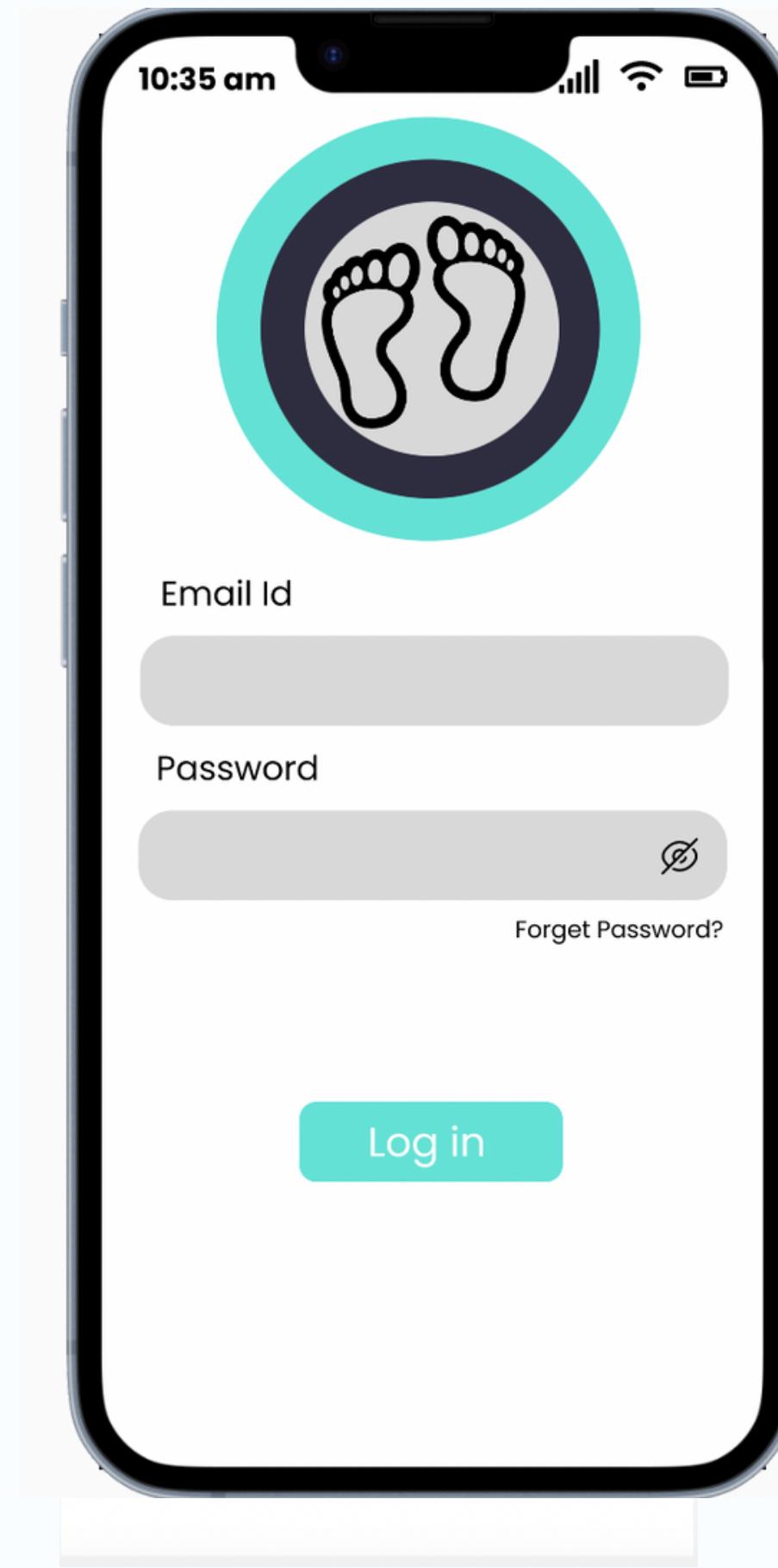
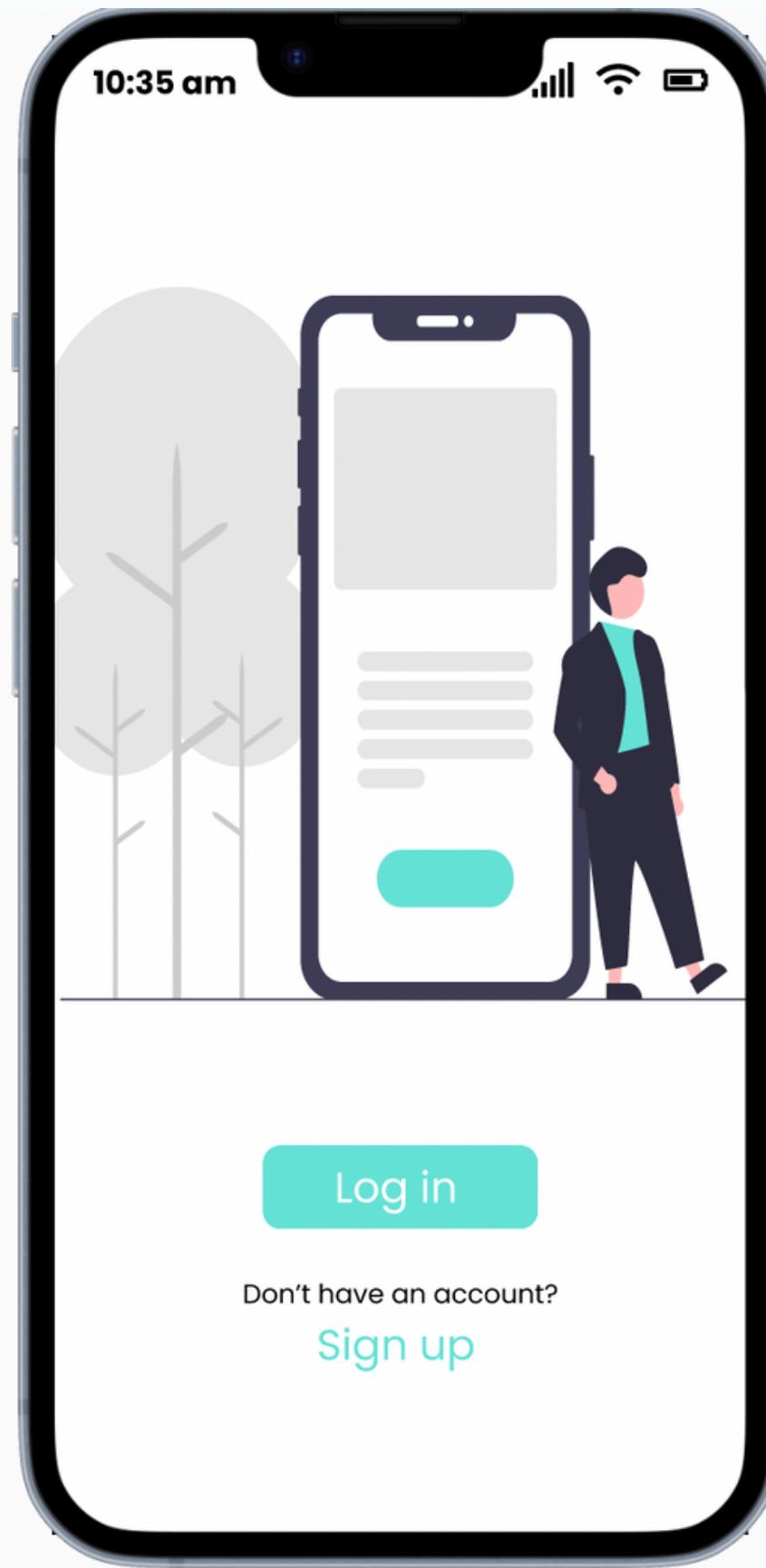
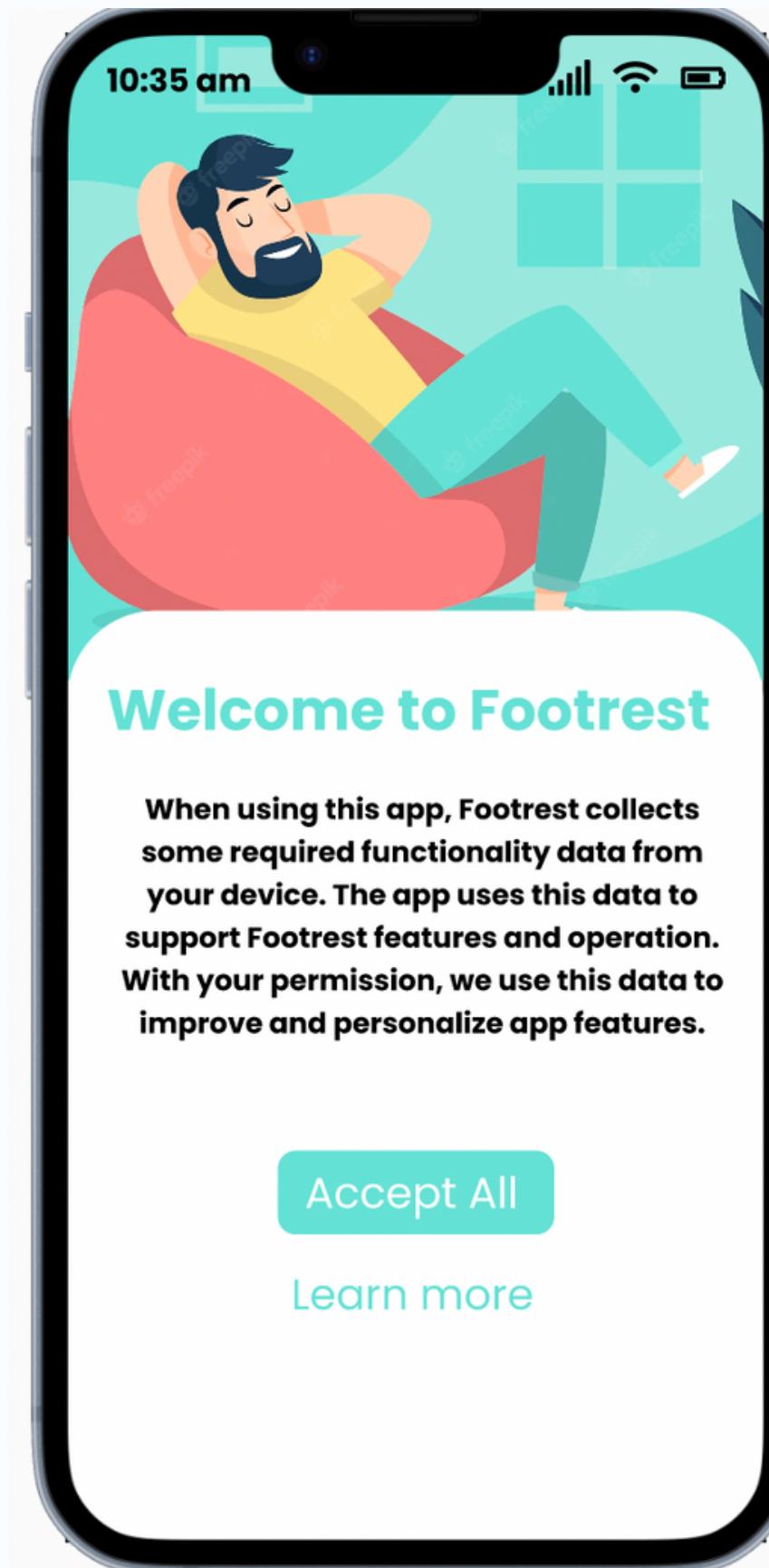






HIGH FIDELITY *WIREFRAMES*

<https://www.figma.com/file/ny78rNtPgWPvee4oQ0ttDs/FOOTREST?node-id=0%3A1&t=X4yoVxNWEUDciNHH-1>



10:35 am

Already have an account? [Log in](#)

Fullname

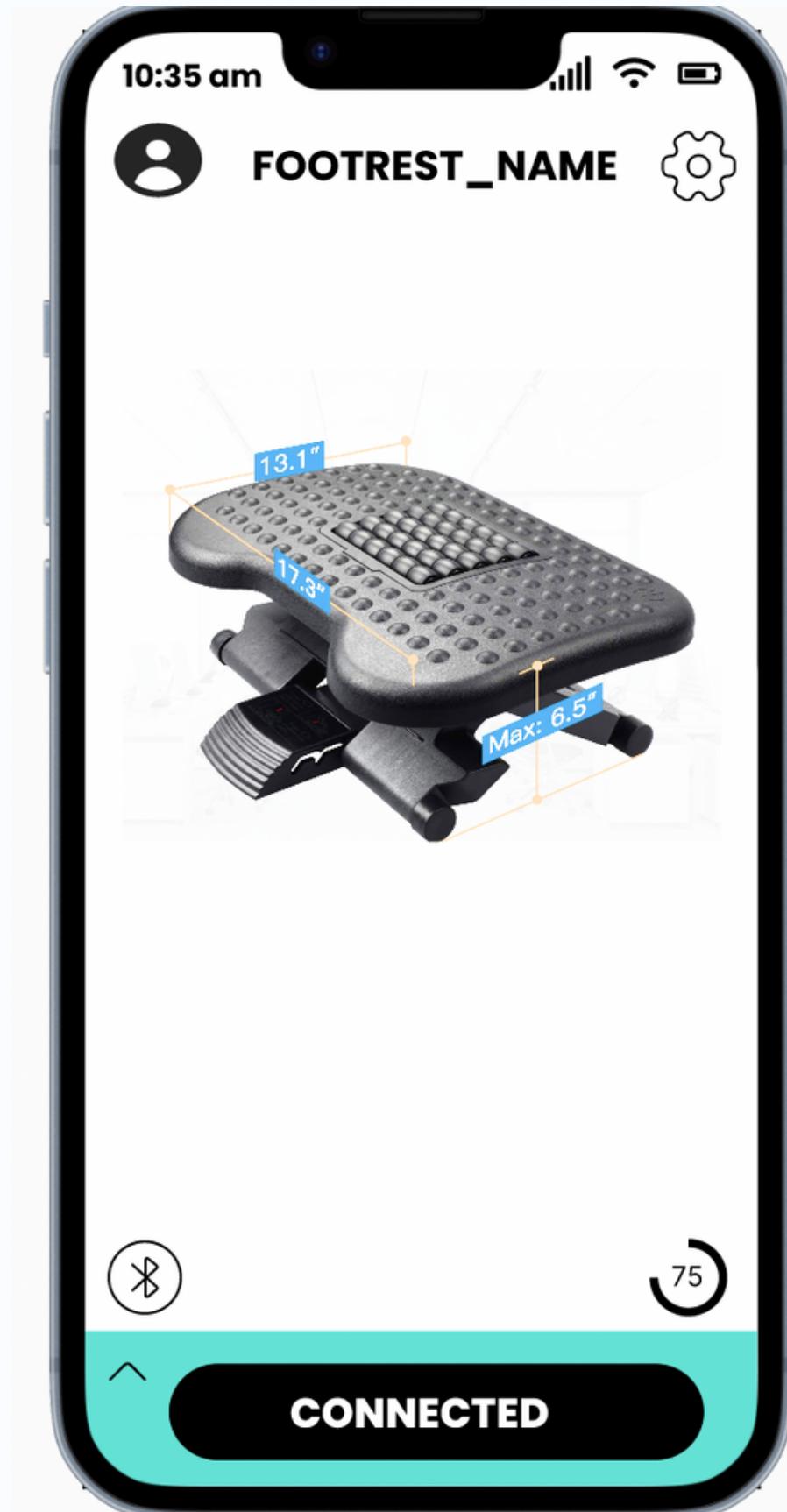
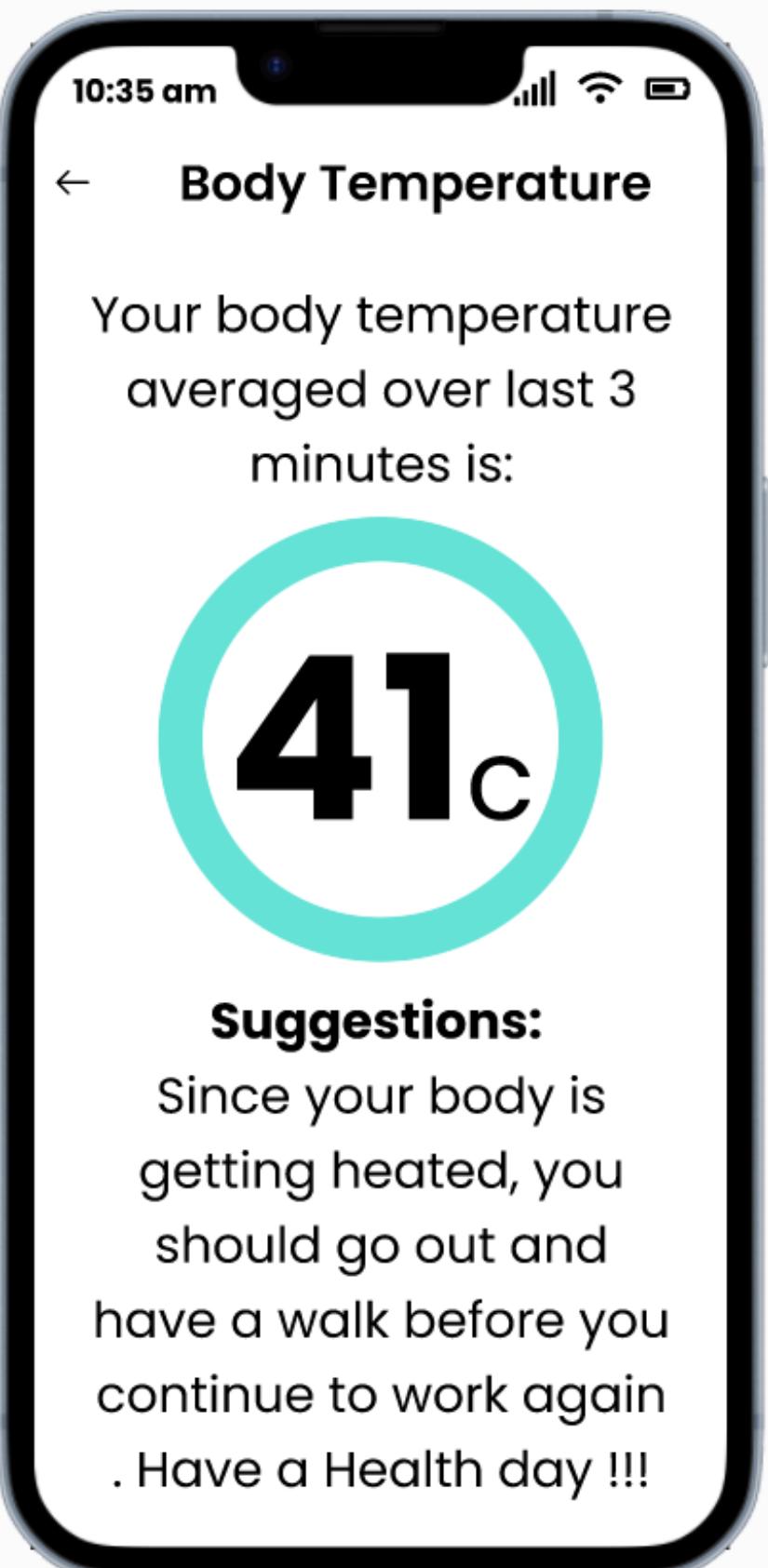
Email Address

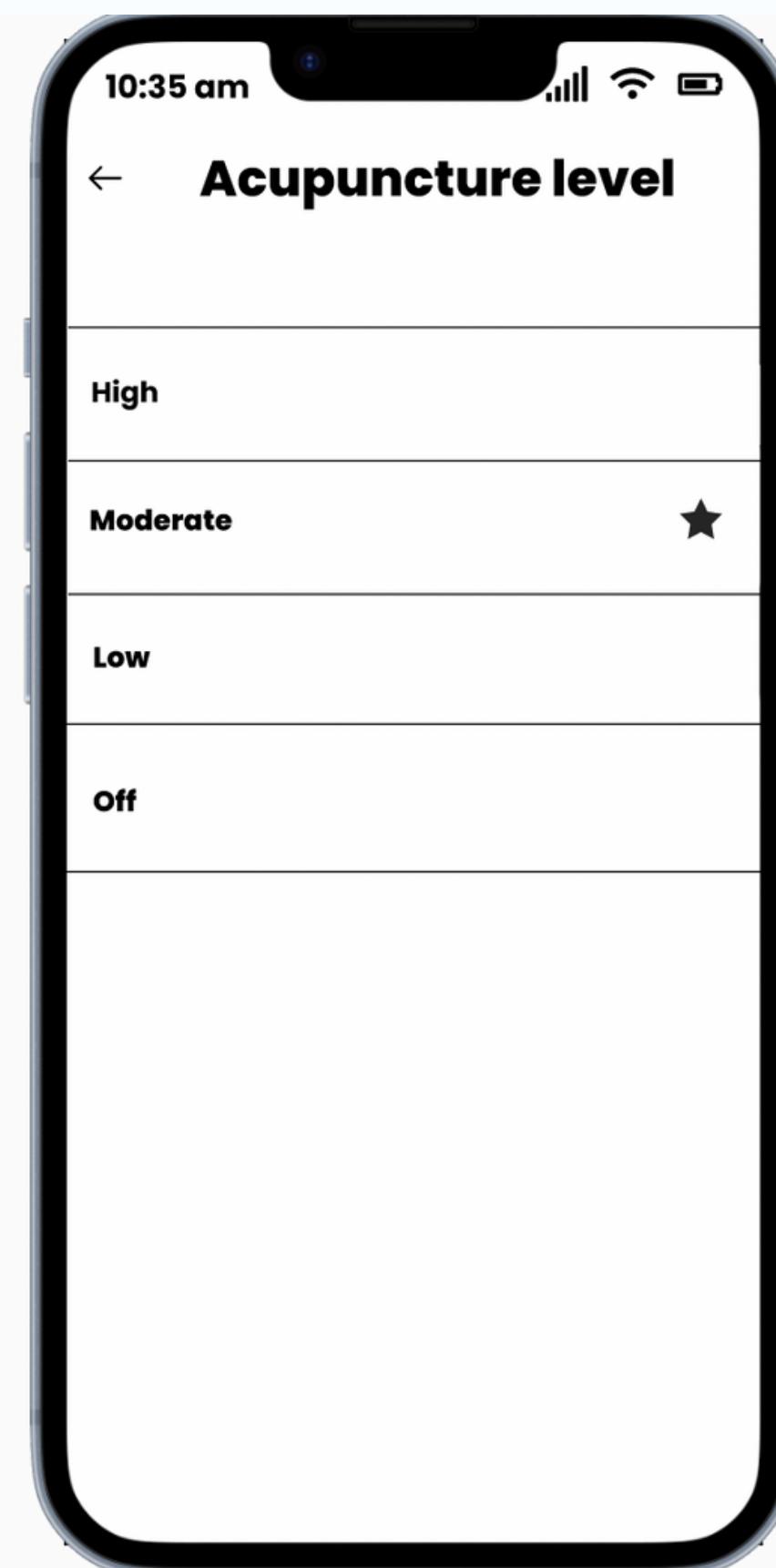
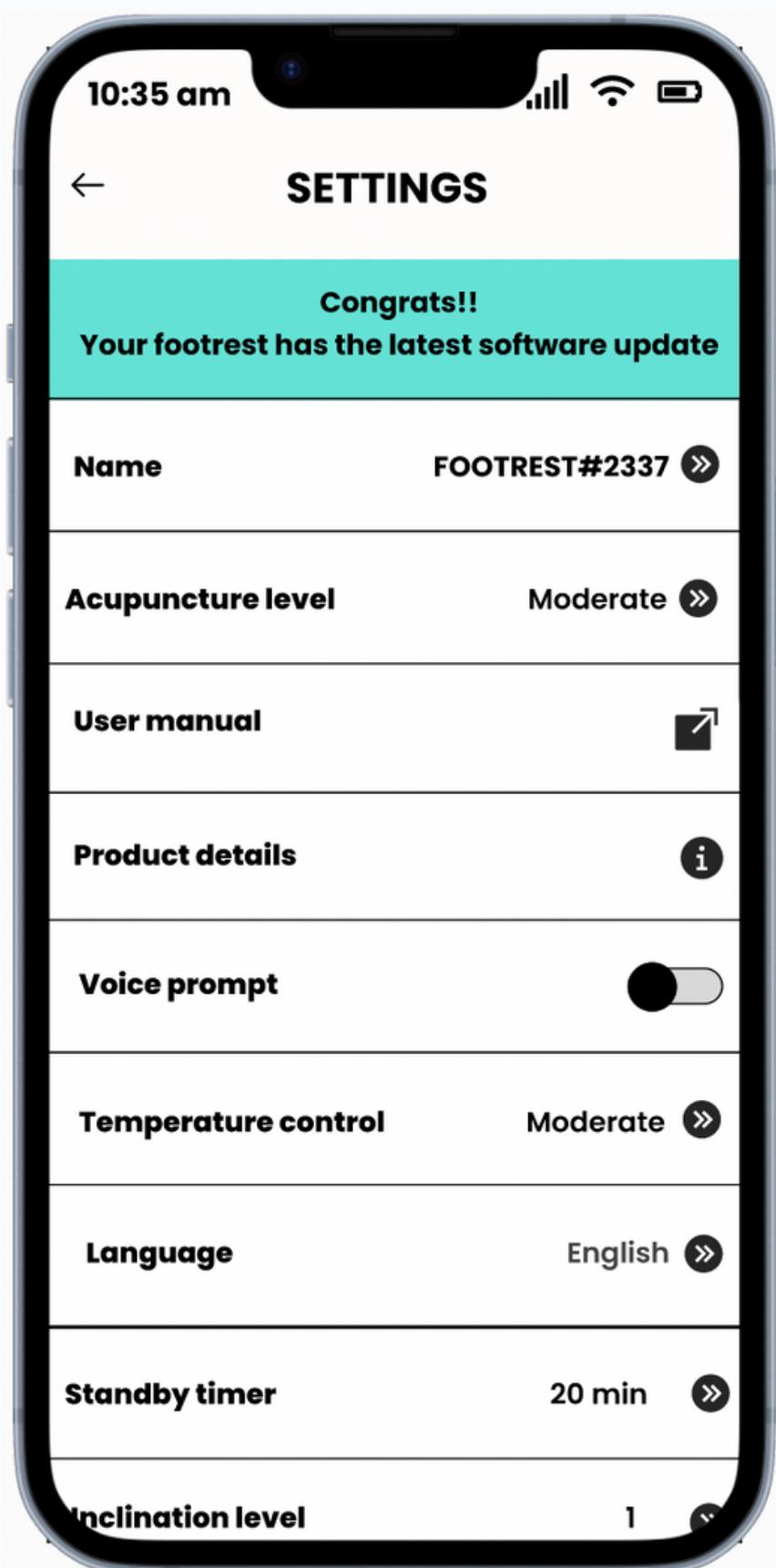
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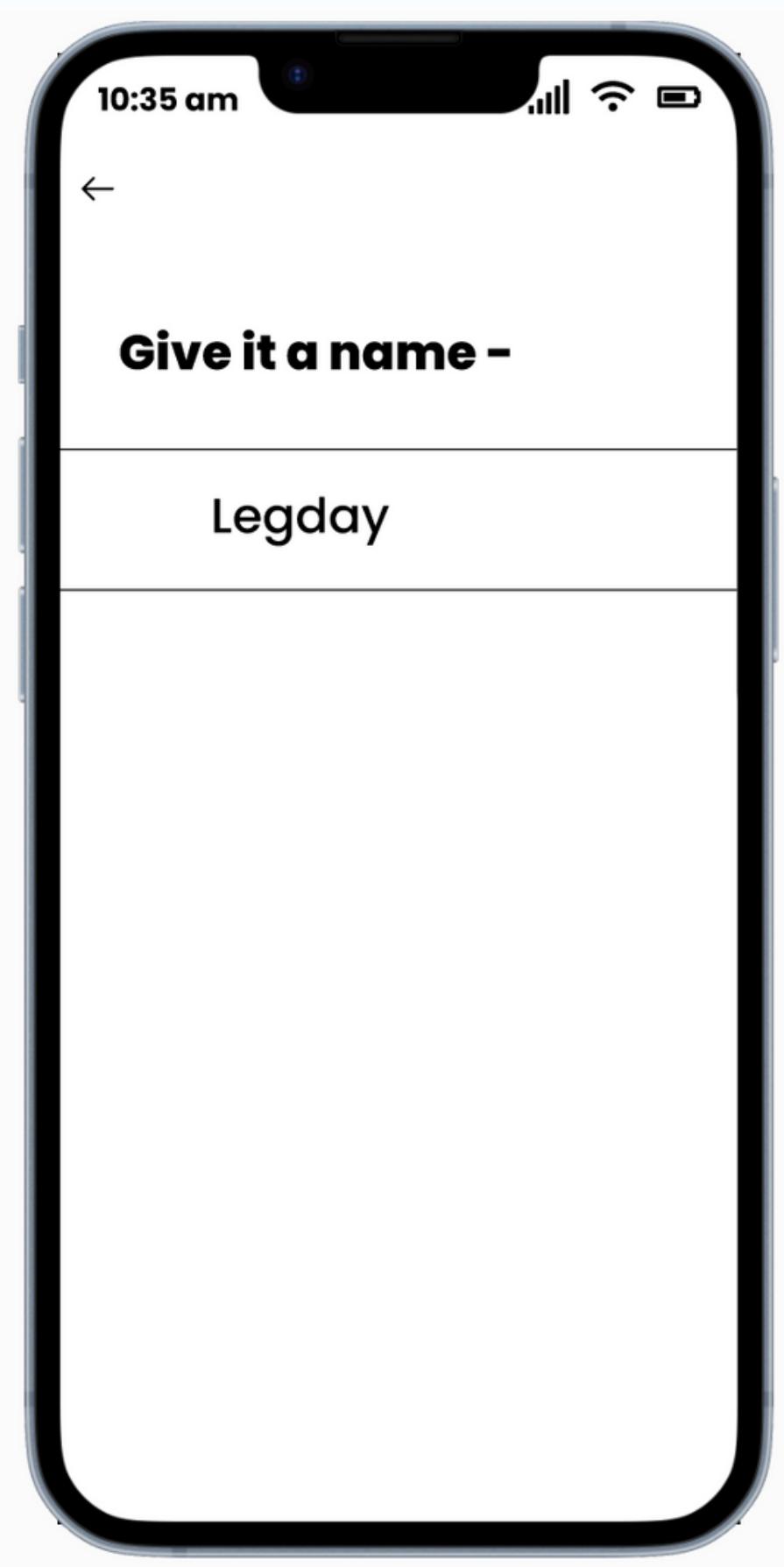
Password

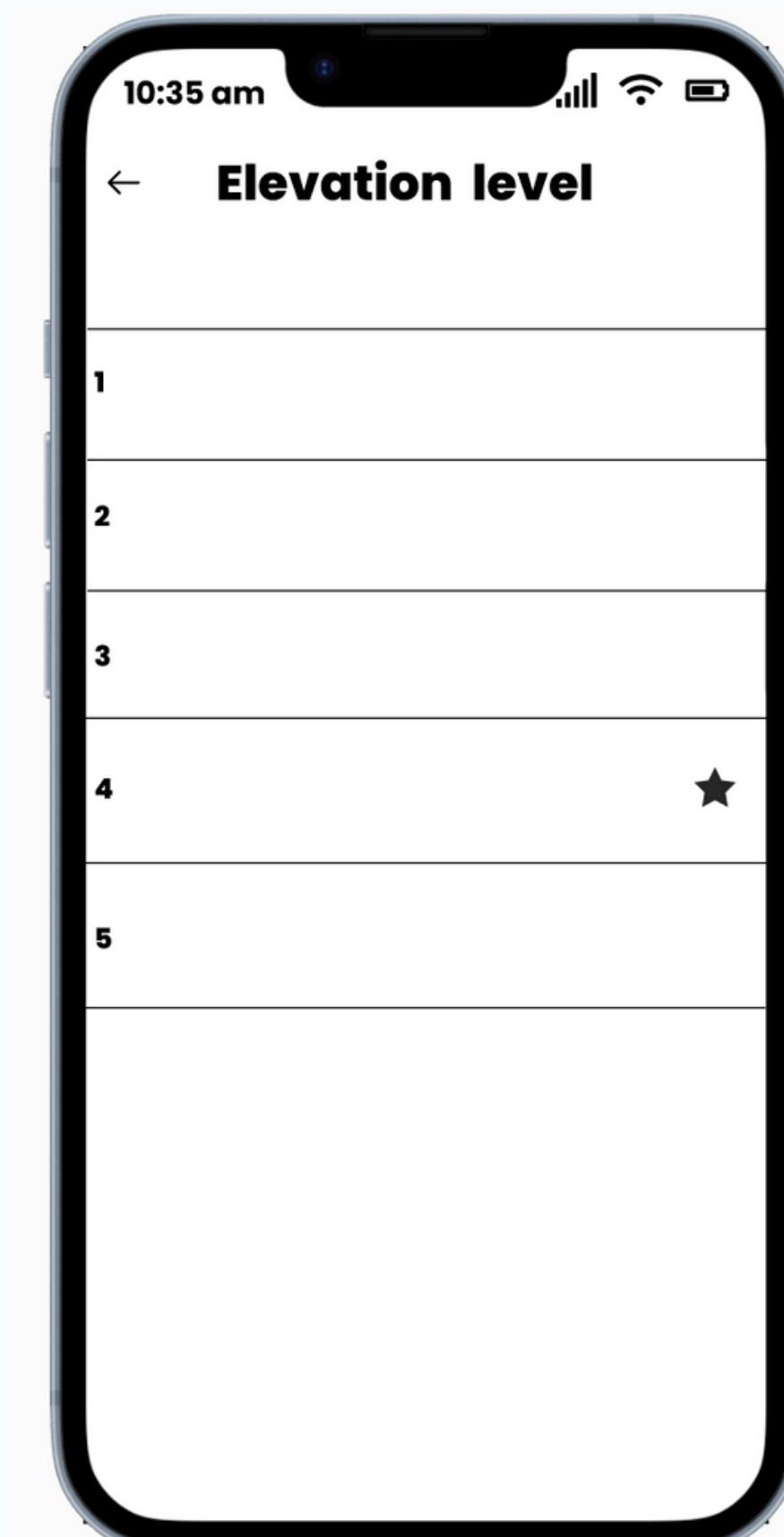
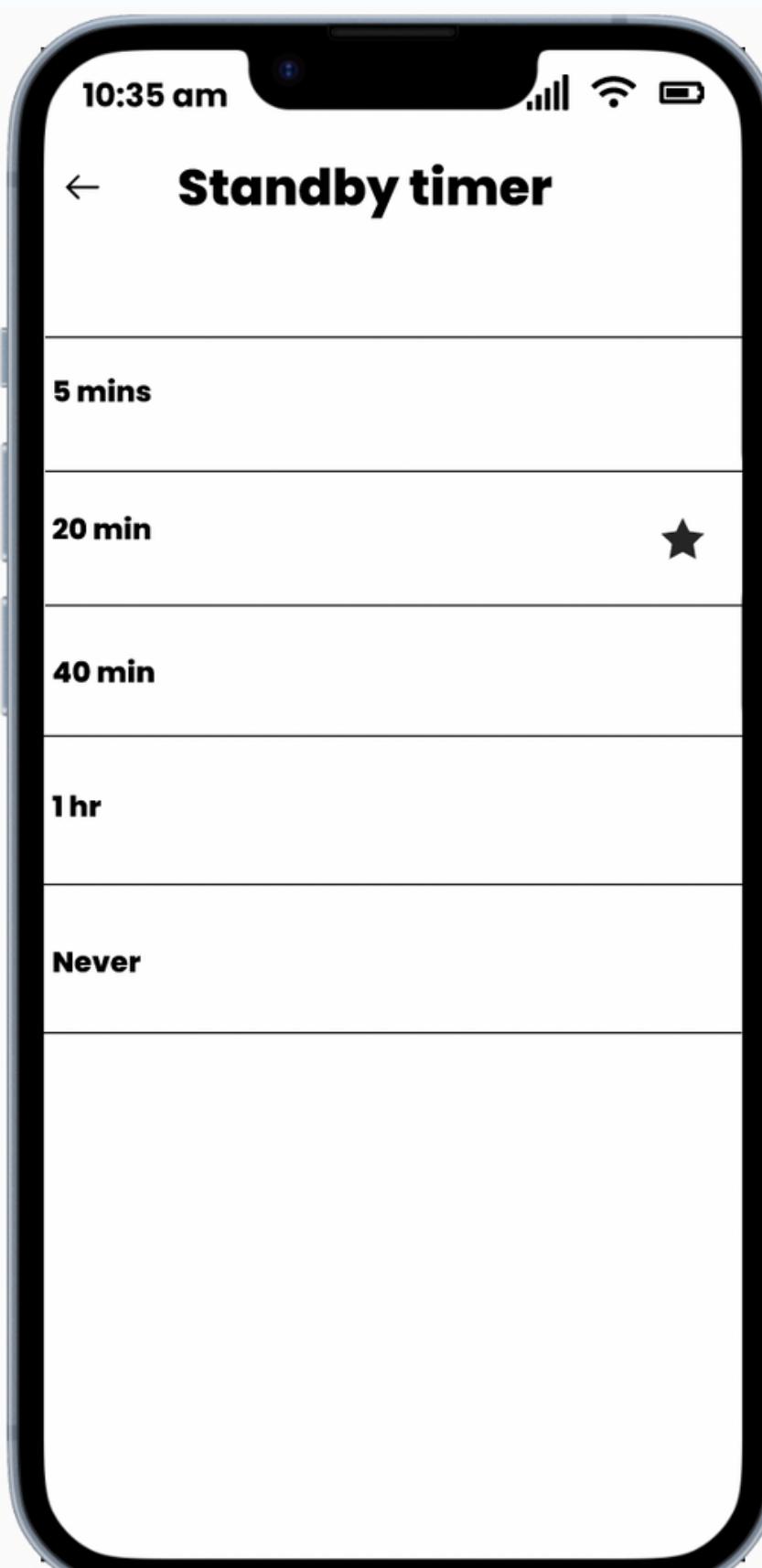
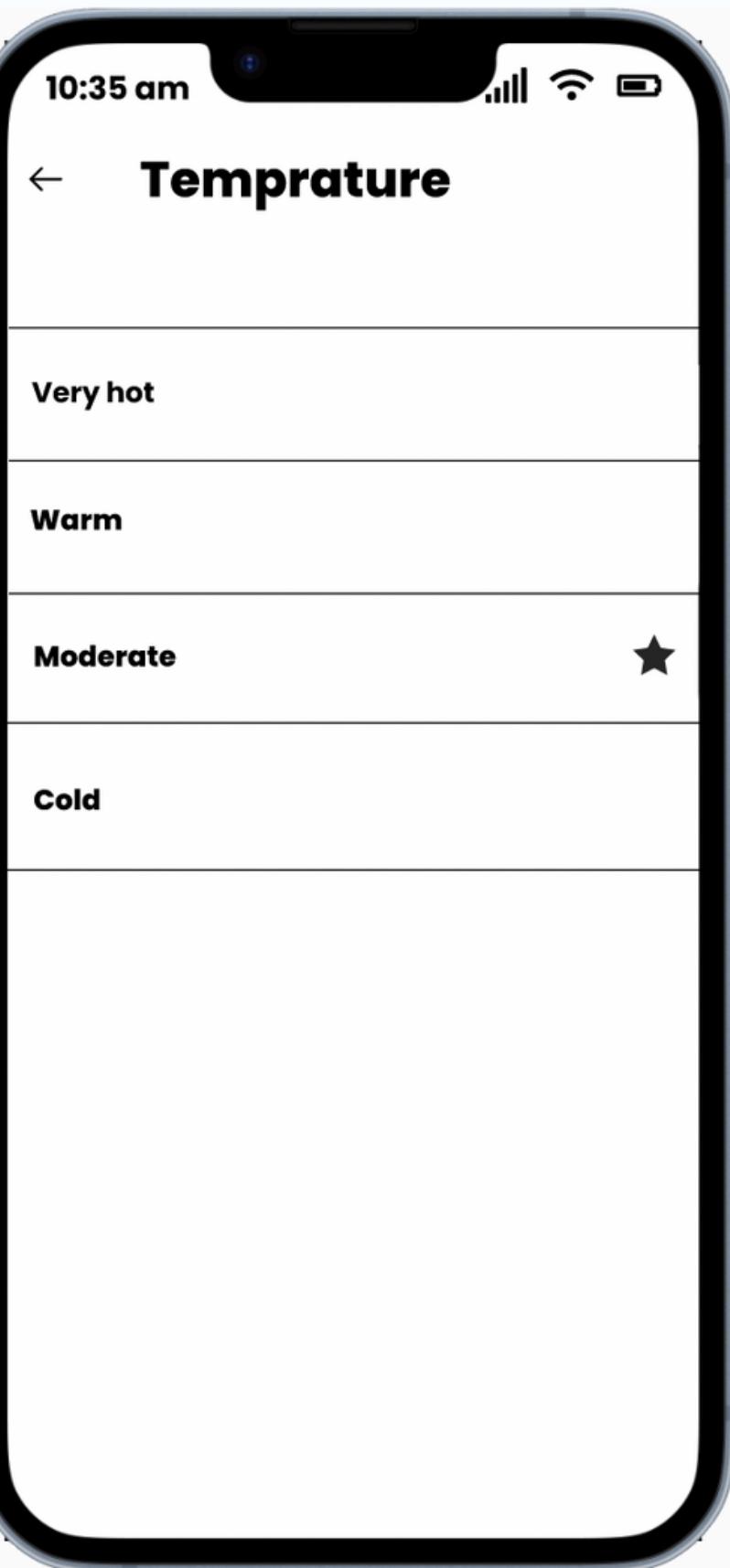
Footrest may email me with personalized offers, support updates and event news.

[Create Account](#)



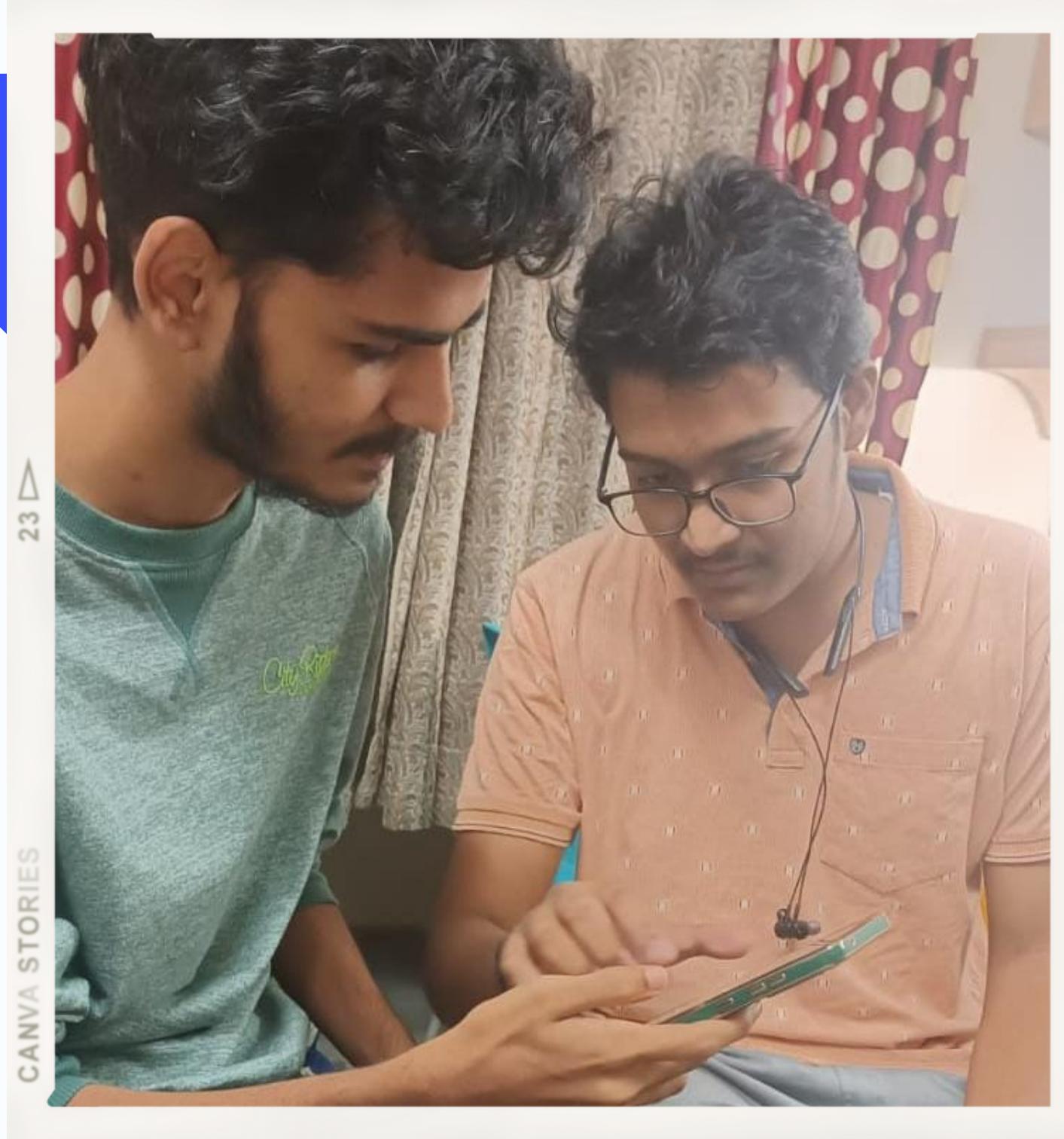






USER *TESTING*

“



After testing our High fidelity with several users, we took their feedback and implemented the same in the final prototype.

USER

FEEDBACK

FOLLOWING CHANGES WERE IMPLEMENTED :

- 1] On the login page, after being told by one user we added the Password Option for Privacy.
- 2] Some changes were made in the settings menu
- 3] Language section was added later on in order to create inclusivity for majority of users.
- 4] Additionally, Product version was added.

MEET THE TEAM

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THANK YOU