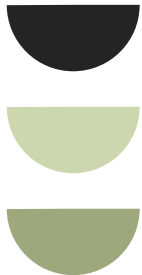
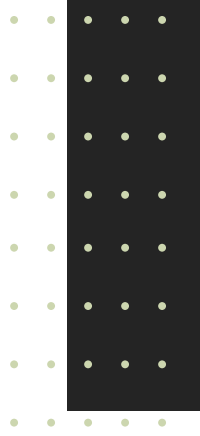
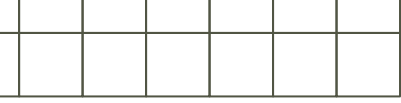


# COMET FOCUS

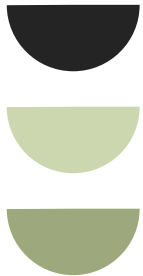
A PROCRASTINATION PREVENTION APP FOR  
UTD STUDENTS

Jair, Lexi, Philip & Chinwe





**STOP SCROLLING,  
START DOING!!**



# TABLE OF CONTENTS

**01**

**WHY COMET FOCUS WAS  
MADE**

**04**

**MEASURING SUCCESS**

**02**

**FEATURES**

**05**

**SUMMARY**

**03**

**HOME SCREEN &  
OVERALL DESIGN**



# WHY COMET FOCUS WAS MADE

## PROBLEM



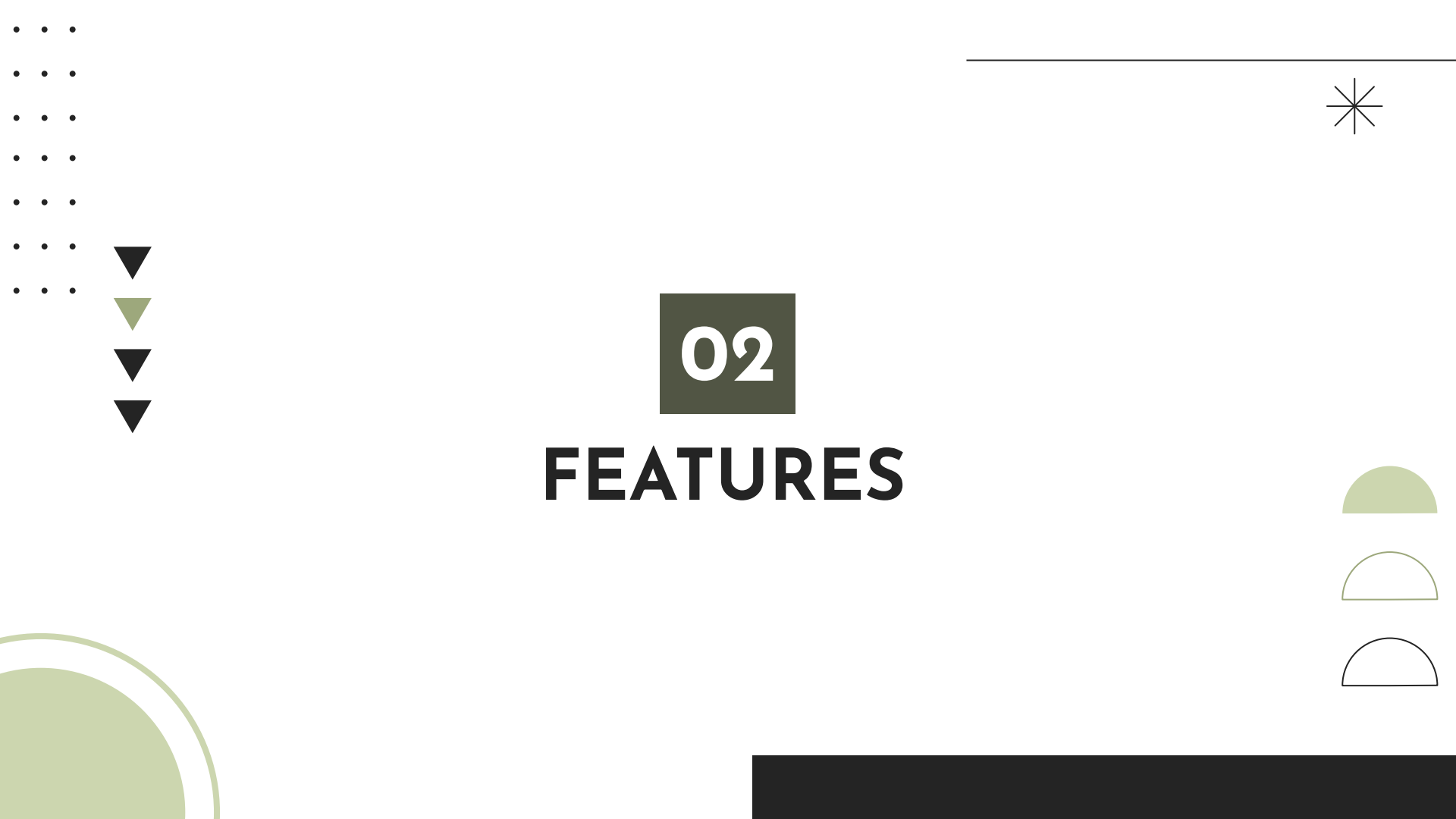
UTD students often struggle with procrastination and find it challenging to create and have a consistent study routine, resulting in substandard academic performance.

## HYPOTHESIS



By providing a comprehensive solution with features such as a syllabus scanner for efficient organization, a pomodoro timer for focused study sessions, and study groups for peer accountability and support, the app aims to stop procrastination tendencies and get better study habits.





02

# FEATURES

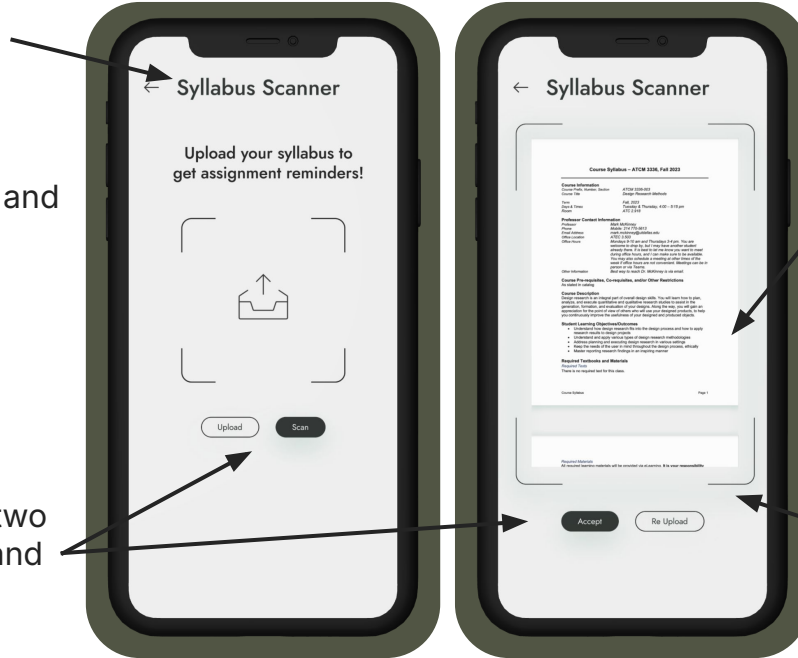
# SYLLABUS SCANNER

## feature 1



### DESCRIPTION

Scan's syllabus to analyze and extract relevant information quickly to save time and stay organized.



### SCROLLING FEATURE

Easy to recognize the action needed to scroll through pages.



### CLEAR GOALS

User can clearly see two buttons, and understand what to do next.

### SIMPLE DESIGN

Simple design creates less confusion when navigating.



# SYLLABUS SCANNER

## feature 1, continued



### DESCRIPTION

After the scan is complete, important dates automatically uploads into the calendar.



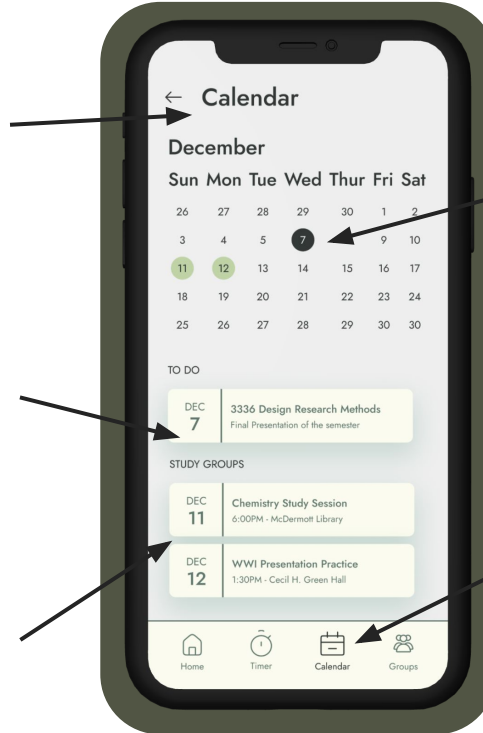
### VISUALS

Design stays consistent when compared to home screen.



### CLEAR GOALS

Important dates, tasks, times and locations appear on the upcoming to do list.



### HIGHLIGHTED DAYS

The dark highlighted day indicates what today is, and the lighter green indicates when there is something to do.



### CALENDAR

Can be accessed from the home page, as well as from the navigation bar.



# SECONDARY RESEARCH

## *feature 1*

### SECONDARY RESEARCH

A person has a limited amount of self control or willpower, and when it's used extensively in one situation, like spending hours inputting and organizing due dates, their overall willpower is depleted to the point where it affects other situations where it is needed.

"Exhausting self-control on unrelated tasks might make it tougher to resist and say no when temptation strikes. Another thing ego depletion has also been correlated to is quitting smoking, contributing to smoking cessation failure."

Phys.org. (2023, July 29). Korean team claims to have created the first room-temperature, ambient-pressure superconductor. Phys.org.  
<https://phys.org/news/2023-07-korean-team-room-temperature-ambient-pressure-superconductor.html>



# COMPETITIVE ANALYSIS

## *feature 1*

We were unable to find another app like this so the syllabus scanner is an original idea that makes for a good selling point.





# PRIMARY RESEARCH

## *feature 1*

### INTERVIEWS

An interviewee expressed that they are "way more productive when i'm prepared for upcoming assignments and there's no stress about unexpected due dates"

### NETNOGRAPHY

"I have a very bad "out-of-sight, out-of-mind" problem. If I'm not immediately, consciously thinking about a task or deadline, it's as if it never existed."

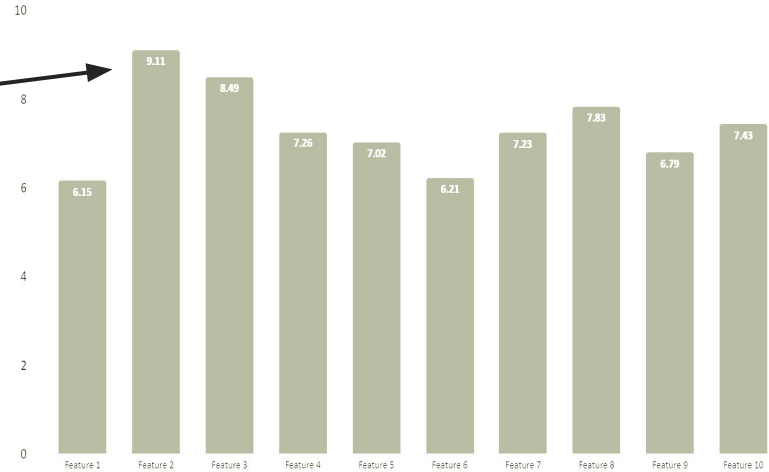


# DESIRABILITY

## *feature 1*

### SURVEY

The survey indicated that out of 47 people, 29 rated the idea of this feature a 10, with almost 90% of all survey takers rating it an 8 or above.



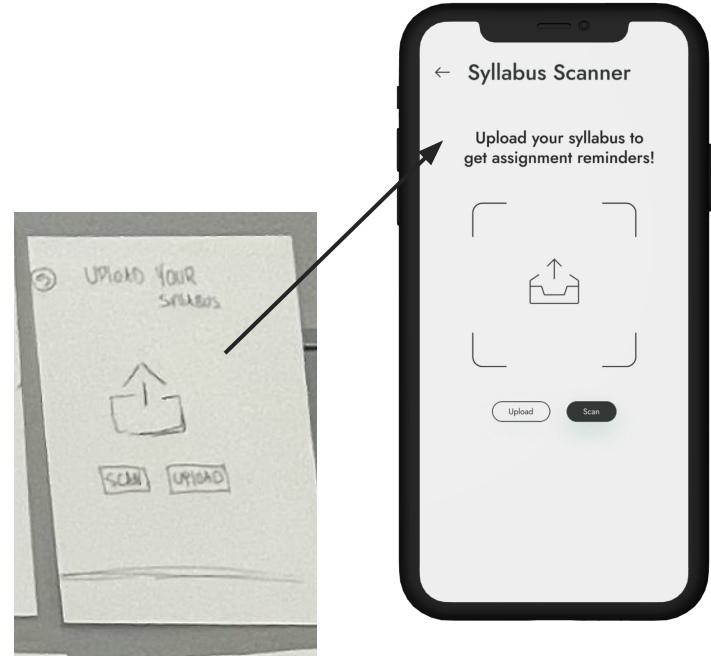
# ITERATION

## *feature 1*

### USABILITY TESTING FEEDBACK

Important feedback from a user informed us to define our goals better, making the syllabus scanner easier to understand when interacting with it.

We decided to include instructions to make it more clear.



# POMODORO TIMER

## feature 2



### TIMER

Users will be able to see a timer that will count down whenever they work



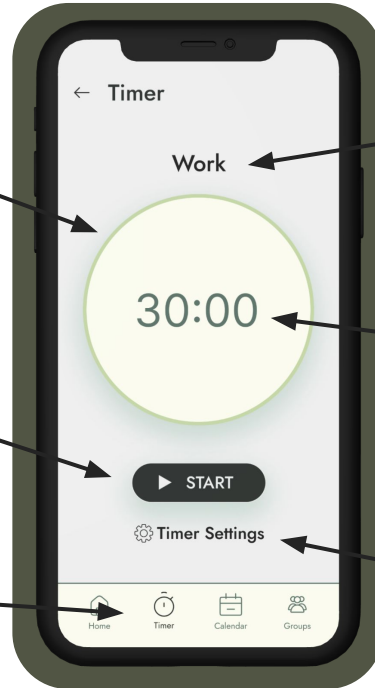
### START BUTTON

Users can press the start button whenever they are ready to begin their work



### NAVIGATION

The navigation bar indicates that the user is on the Timer screen.



### WORK

The timer is labeled as "Work" to indicate that it is on the work timer



### TIMER NUMBER

The length of the timer is displayed before the timer begins



### TIMER SETTINGS

Before starting the timer, users have the option to adjust the length of the timer



# POMODORO TIMER

## feature 2, continued



### TIMER SETTINGS

Users will be redirected to a different screen to adjust the timer settings



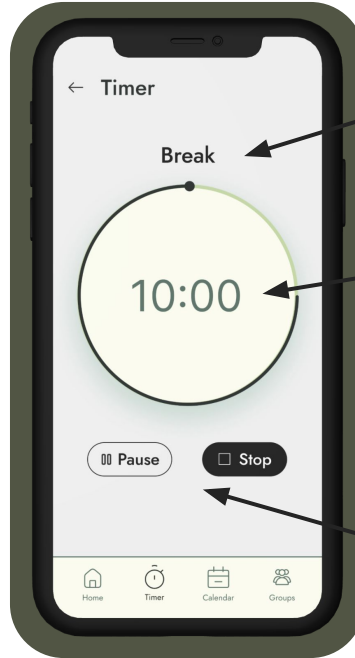
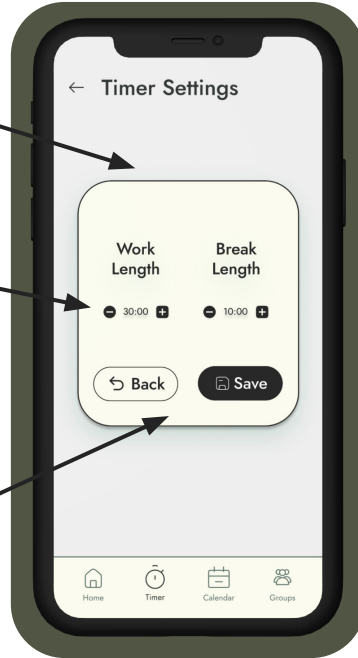
### ADJUST LENGTHS

Users can increase or decrease the lengths of both the work and break timer



### SAVE & BACK

Users can save their changes or go back to the timer without changing anything



### BREAK

Once the work timer has ended, the break timer will start



### TIME REMAINING

Users will be able to see the length of the break timer as it counts down



### STOP & PAUSE

Users have the option to either pause or stop the timer if they desire



# SECONDARY RESEARCH

## *feature 2*

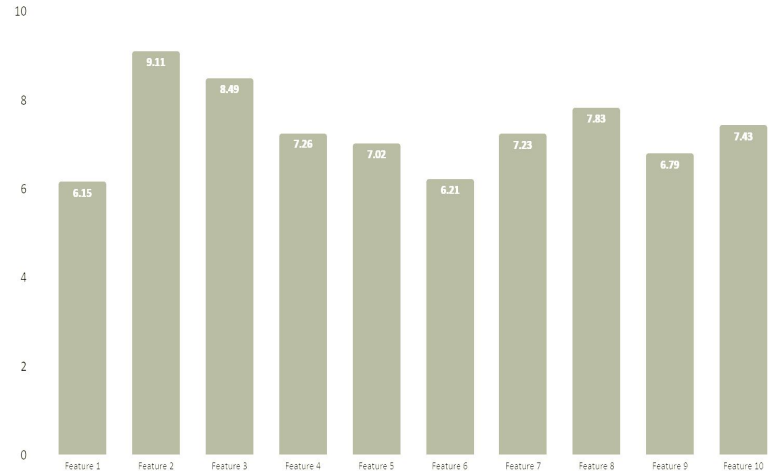


## SECONDARY RESEARCH

- Stress has the potential to be a contributing factor to procrastination.
- Students can overcome procrastination by incorporating breaks into their routine.

Ma X, Li Z and Lu F (2023) The influence of stressful life events on procrastination among college students: multiple mediating roles of stress beliefs and core self-evaluations. *Front. Psychol.* 14:1104057. doi: 10.3389/fpsyg.2023.1104057

Zhu, F. (2023). The Positive and Negative Aspects of Procrastination in College Students. *Journal of Education, Humanities and Social Sciences*, 10, 203–208. <https://doi.org/10.54097/ehss.v10i.6920>



# COMPETITIVE ANALYSIS

## *feature 2*

### FOCUS TO-DO

- Pomodoro timer
- To-Do list
- Stats on work time
- App blocker
- White Noise

### WHAT NOT TO DO BASED ON REVIEWS

- 4.6/5 Stars
- Some reviewers seem to be frustrated with the timer making tick noises
- Some of the features are not actually available on mobile
- One user said they deleted it after the update included a "5 minute warning timer"





# PRIMARY RESEARCH

## *feature 2*

### INTERVIEW

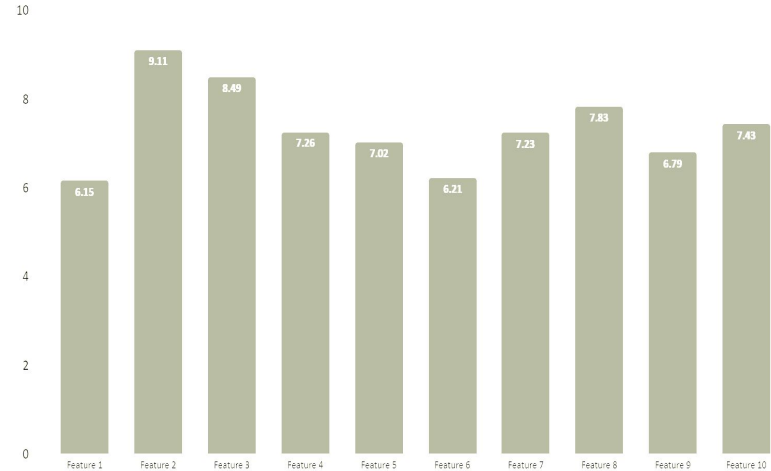
- “I just feel so burnt out usually after doing schoolwork and going to classes that I kind of just want to relax afterward” (P3)

### FOCUS GROUP

- “[assignments] require more time than expected”
- “Create a reward system”

### USABILITY TESTING FEEDBACK

- Timer was confusing
- Break and work timers should be clearly labeled

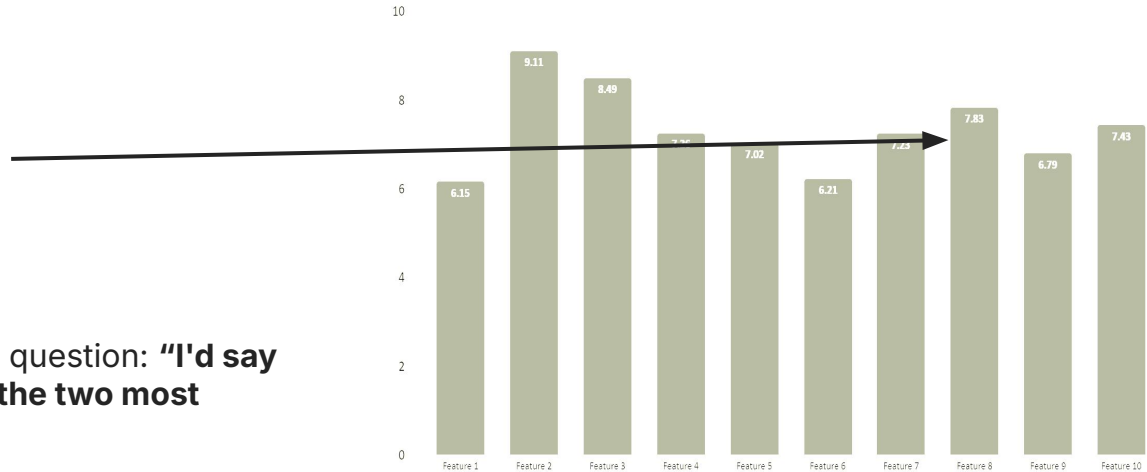


# DESIRABILITY

## *feature 2*

### SURVEY

- 47 Responses
- Feature 8: 7.83/10
- 3rd overall highest
- Student from a free response question: **"I'd say to-do list and pomodoro are the two most important aspects"**

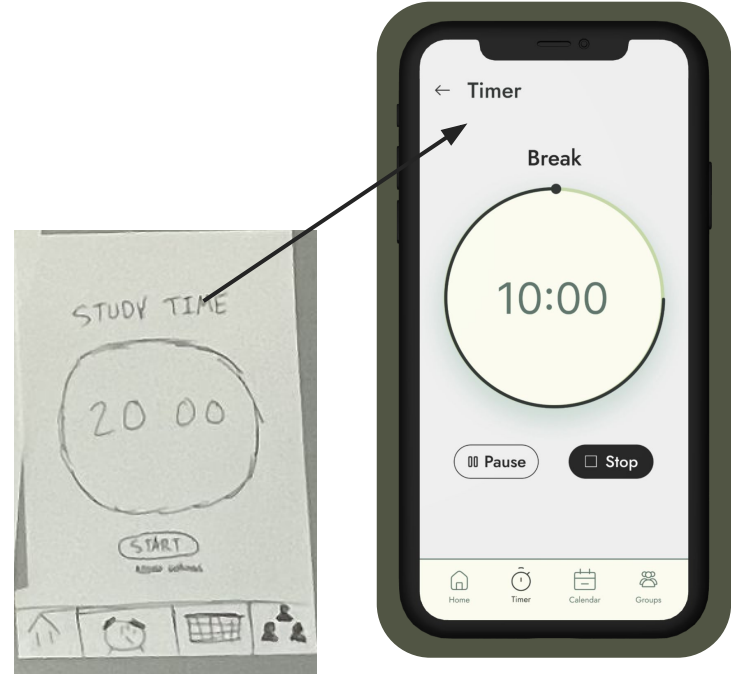


# ITERATION

## *feature 2*

### USABILITY TESTING FEEDBACK

Our tester found the pomodoro timer confusing because it was just labeled "study time" and not "timer" so we changed the name and made sure to label the buttons.



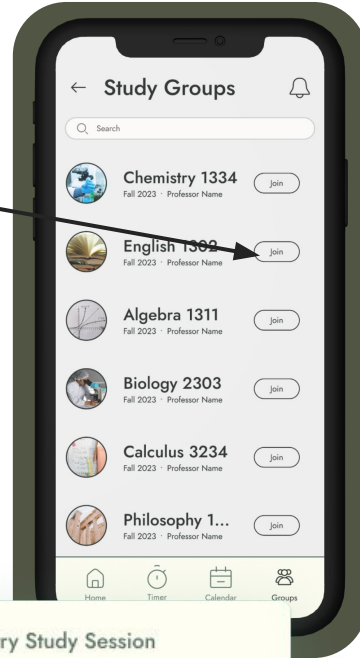
# STUDY GROUPS

## feature 3



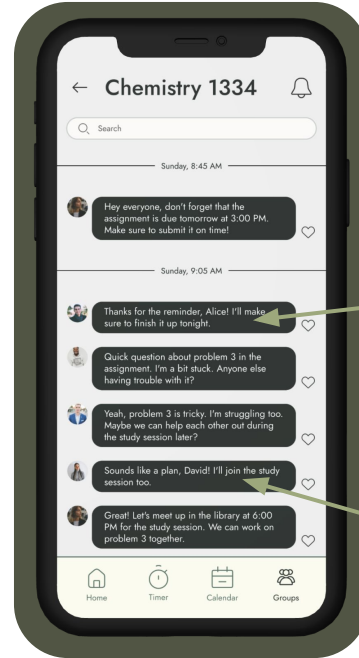
### JOIN CLASSES

By clicking the "join" button, users can join a group chat with their classmates



### ARRANGE MEETING TIMES

Users can chat and plan virtual or remote study sessions



### CHAT WITH PEERS

Users can use the app to discuss topics and answer questions



### LIKE MESSAGES

Encourage peers by giving helpful messages a heart

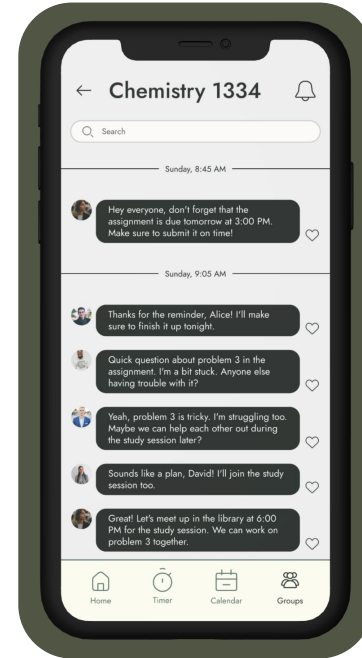


# SECONDARY RESEARCH

## *feature 3*

### SECONDARY RESEARCH

According to Time Magazine, Having an environment that encourages productivity is pivotal to preventing procrastination.



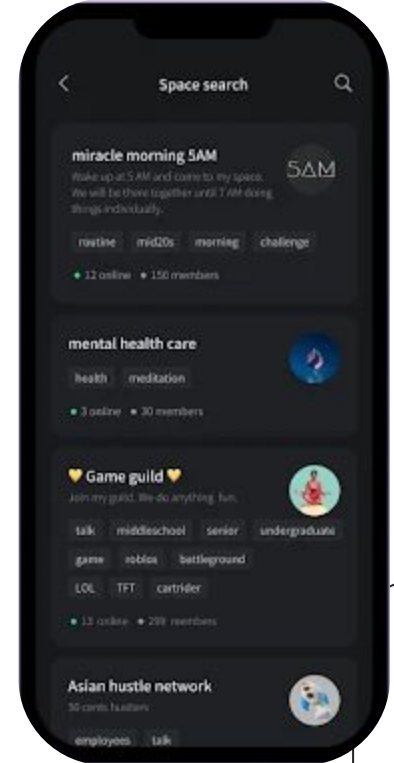
# COMPETITIVE ANALYSIS

## TAGROOM

- Virtual study space for friends
- Personalized pixel art icons
- Join different study communities
- Study Challenges
- Voice and Video Chat

## WHAT NOT TO DO BASED ON REVIEWS

- 4.3 /5 Stars
- Lock video chat features behind a paywall
- Poor connection errors



# PRIMARY RESEARCH

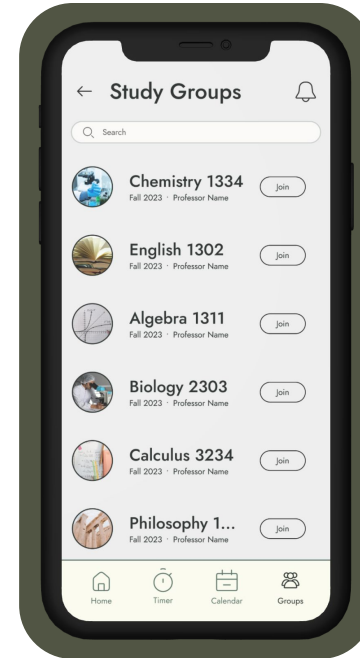
## *feature 3*

### FOCUS GROUP

Participants remarked that **“working in group”** made it easier to get started on tasks.

### INTERVIEWS

One interviewee said that when they **“When he's with other people it encourages him to get work done and procrastinate less”**



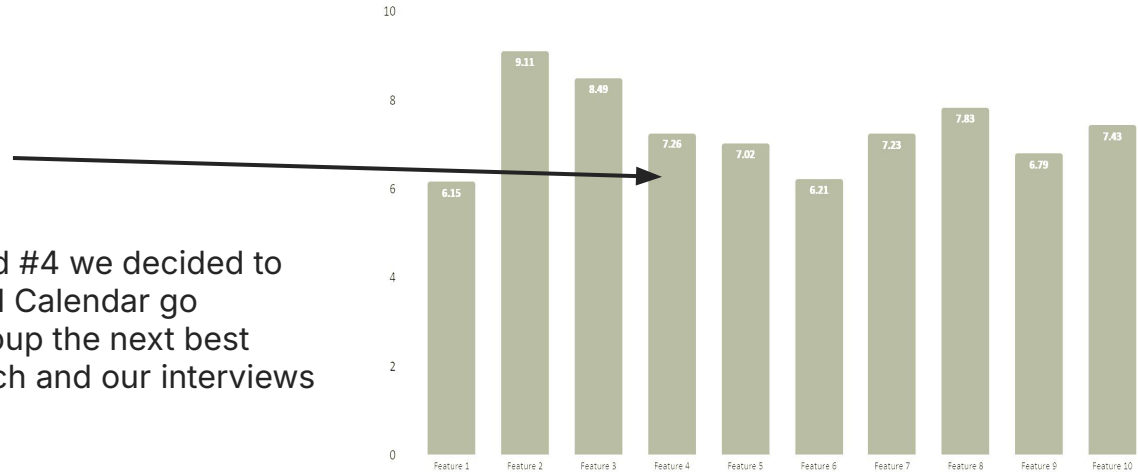
# DESIRABILITY

## *feature 3*



### SURVEY

Even though the Study Group ranked #4 we decided to include it because the To-Do list and Calendar go hand-in-hand. Making the Study Group the next best thing for a 3rd feature. Other research and our interviews suggest that this would be effective.





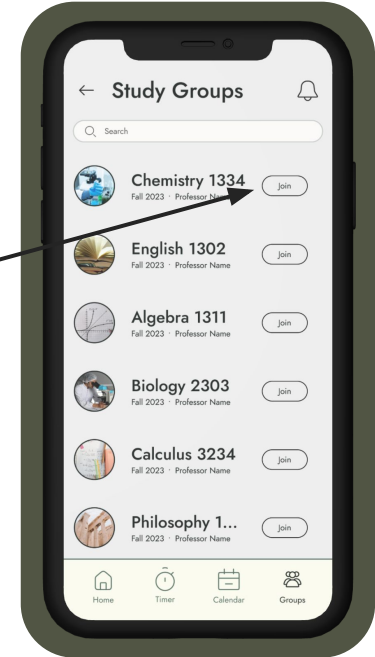
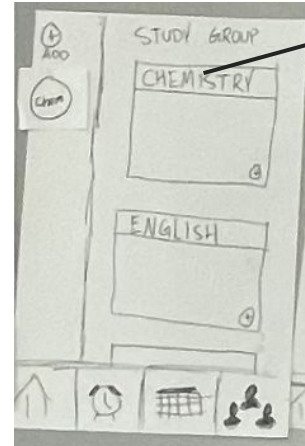
# ITERATION

## *feature 3*

### USABILITY TESTING FEEDBACK

During our usability test, our participant responded positively to the Study Group feature. They "liked looking for groups and finding people in classes"

We added clearer button labels per user feedback.





03

# HOME SCREEN & OVERALL DESIGN



# DESIGN CHOICES



COLORS

Colors used in this app were mainly focus colors such as green to keep the user calm and included blue for productivity.



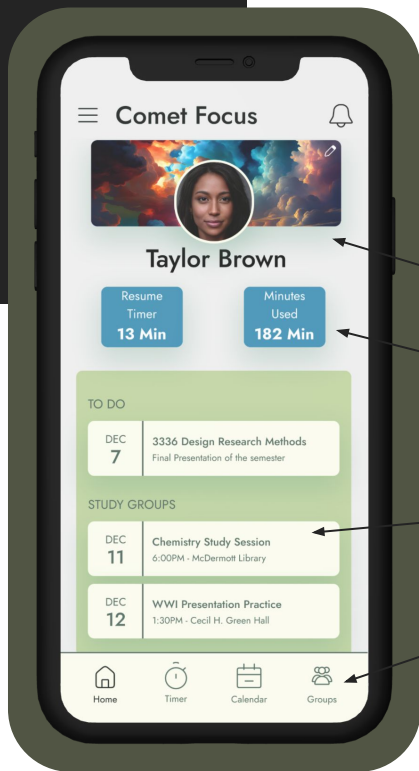
COMET FOCUS

The Comet Focus logo features a dynamic and creative design that combines elements of a bullseye and a comet to convey a sense of focus.



FONT

We used the font, Jost. This font provided an aesthetically pleasing and user-friendly environment that encourage regular engagement with the app.



# HOMESCREEN

The home screen has a simple design that includes the main features of the app.

- Includes a wallpaper to personalize the users home page
- Resume session to continue working and history with the app
- To do list and study group sessions shown in the home page to keep the user organize and aware of upcoming dates
- Navigation bar that includes the features of the app



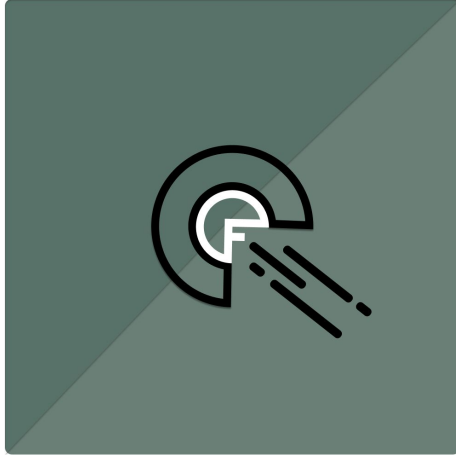
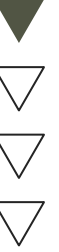


04

# MEASURING SUCCESS



# MEASURING SUCCESS



## COMET FOCUS

4.7 STAR REVIEW

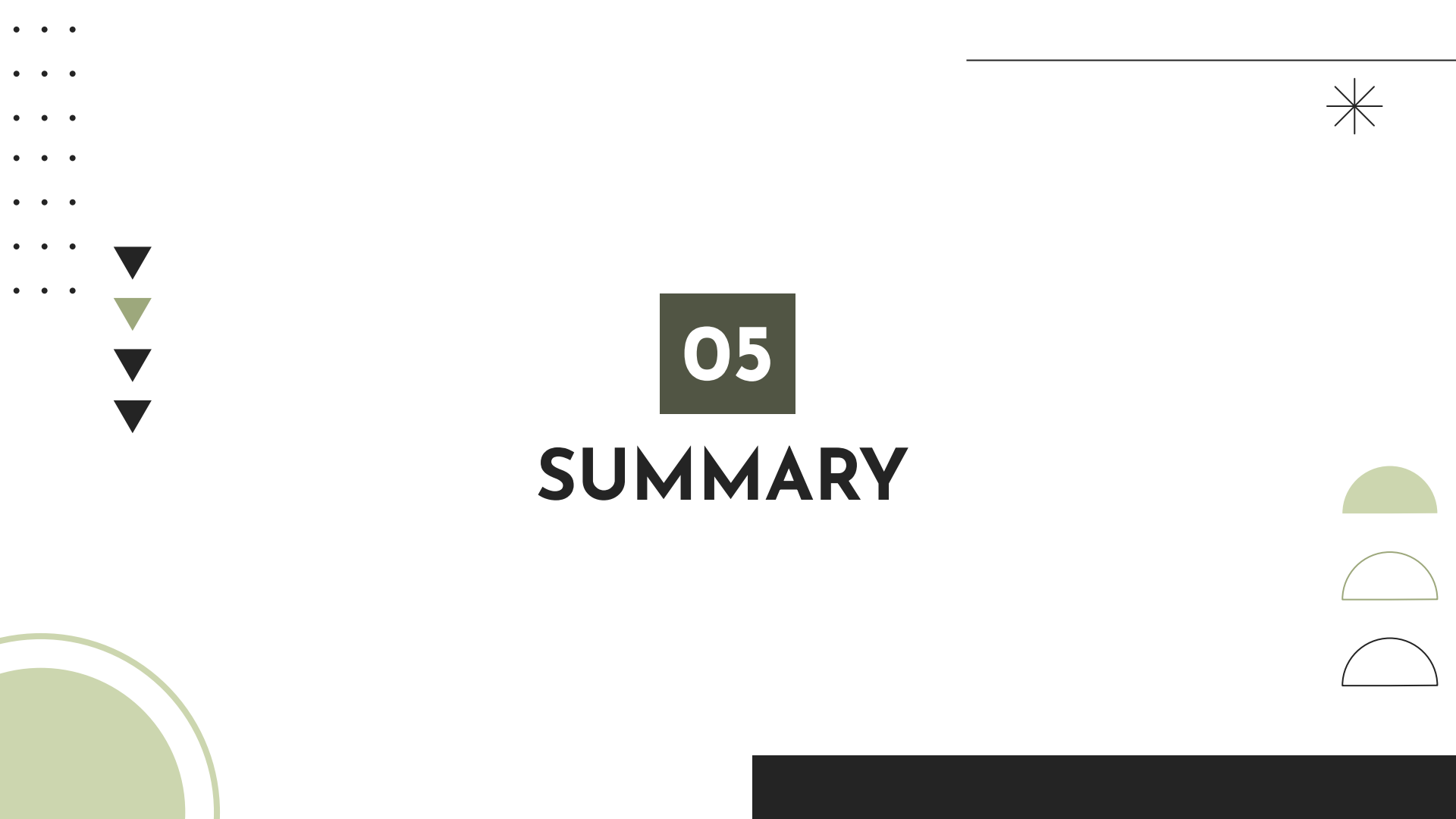


### "STUDY MADE SIMPLE"

"This app is a powerhouse for defeating procrastination. Syllabus scanner, pomodoro timer, and study groups, it's got it all. My study habits have never been this effective!"

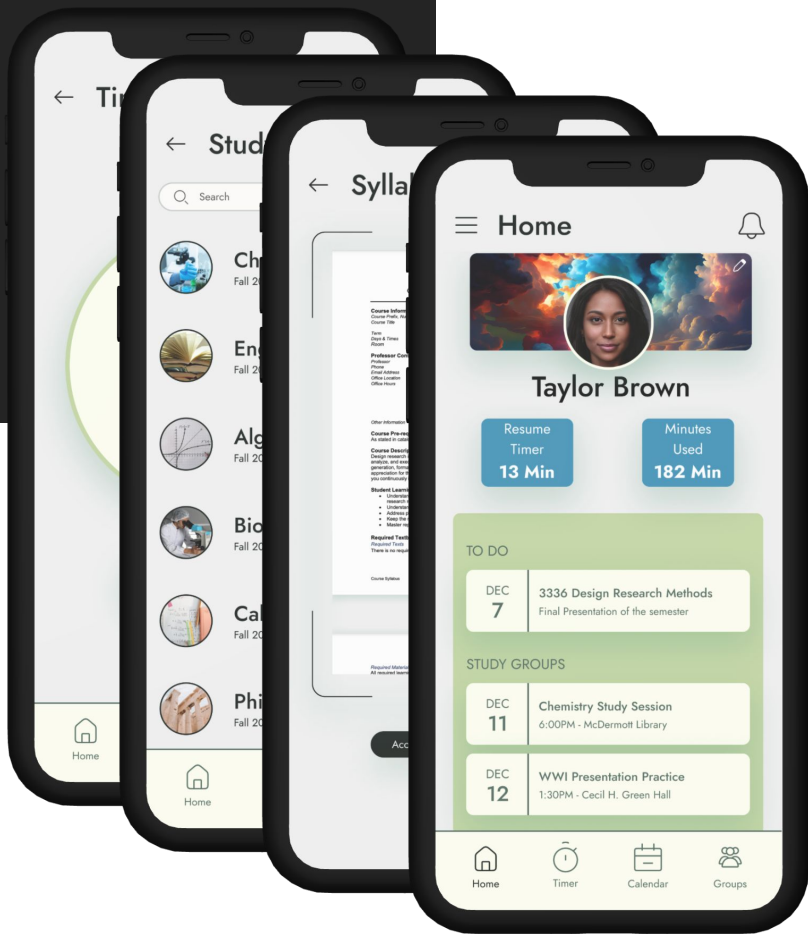
### "STUDY SMARTER, NOT HARDER!"

"This app nails it. Scanner keeps you organized, timer keeps you focused, and study groups keep you motivated. A must download for students looking to ace their studies!"



05

# SUMMARY



# SUMMARY

Introducing an innovative procrastination-busting app, our solution combines a syllabus scanner to organize study materials, a pomodoro timer for focused sessions, and study groups for collaborative learning. By addressing key challenges in time management and motivation, our app aims to boost productivity and help users overcome procrastination, fostering a more effective and engaging study experience.







# THANKS!

*Any questions?*