



by: Jumana Suleiman, Kailey Bergeron, Jenny Spicer

The Team



Jenny Spicer

- scrum master
- Developer



Jumana Suleiman

- UI/UX Designer
- Developer



Kailey Bergeron

- milestone overseer
- Developer

Milestones



01

Competitive Analysis

evaluating and comparing the strengths and weaknesses of our app against those of similar apps in the market

02

Stakeholder Interviews

conducting structured conversations with individuals that our app is catering to

03

Story Board

visual representation of the app's user interface and user flow

04

Paper Prototype

hand-drawn or printed mockup of the app's interface and functionality, used to quickly and cost-effectively test and refine design concepts

05

Digital Prototype

clickable representation of our app's user interface and functionality

01

Competitive Analysis



DO!

Pros:

- Widget that sits on your homescreen.
- Easy to use, adding items to the lists is simple.



Cons:

- Monochrome (dark mode is black, light mode is beige)
- Adding items to one big list.



Flora

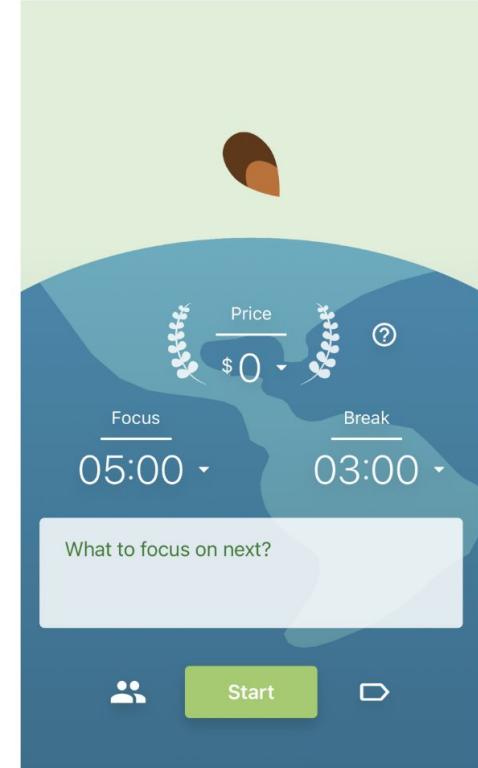
Pros:

- Easy to use (start and pause buttons)
- User friendly colors and layout
- Creative concept



Cons:

- Just a timer (only useful for this feature)





Pros:

- Very organized (folders)
- Popular
- Easy to use



Cons:

- Basic coloring (monotone)
- Paywall

A screenshot of the Quizlet mobile application interface. It displays two study sets against a dark background.

- The top set is titled "Benjamin Franklin, The Autobiography of Benjamin Franklin" with "10 terms". It shows a user profile icon for "jsule03".
- The bottom set is titled "Sets similar to najee151's" with "67 terms". It shows a user profile icon for "daleallison18".

Both sets include a small bird icon in the bottom right corner.

02

Stakeholder Interviews



Stakeholders

- Procrastinator
- Non-Traditional Student
- Competitive Student
- Newly Adjusted
- Burnt Out



Burnt Out

ANGELINA, WHO STRUGGLES WITH CYCLES OF BURNOUT, FACES SIGNIFICANT EXTERNAL PRESSURES IN HER LIFE, SUCH AS A RECENT FAMILY LOSS AND THE NECESSITY TO WORK TWO JOBS WHILE ATTENDING SCHOOL. ANGELINA FINDS VALUE IN FEATURES THAT PROMOTE STRESS MANAGEMENT AND TIME OPTIMIZATION. SHE APPRECIATES THE IDEA OF INCORPORATING MINDFULNESS AND RELAXATION FEATURES INTO THE APP, ALLOWING USERS TO TAKE SHORT BREAKS DURING STUDY SESSIONS.



Competitive Student

STELLA AND MYSTERY GUY, THE COMPETITIVE STUDENTS, ARE DRIVEN BY THEIR DESIRE FOR ACADEMIC SUCCESS. THEY BOTH HAVE DIFFERENT APPROACHES TO THEIR STUDIES AND COMPETITION, BUT THEIR SHARED GOAL IS TO EXCEL. BOTH STELLA AND MYSTERY GUY ARE MOTIVATED BY FRIENDLY COMPETITION. THEY BELIEVE THAT COMPETING WITH OTHERS CAN DRIVE THEM TO DO BETTER. STELLA IS PARTICULARLY INTERESTED IN FEATURES THAT INVOLVE TRACKING PROGRESS. SHE ENJOYS THE SENSE OF ACCOMPLISHMENT THAT COMES FROM OUTPERFORMING THE CLASS AVERAGE AND MAINTAINING A HIGH GPA.



Procrastinator

RIMA, THE PROCRASTINATING STUDENT, HAS A HARD TIME GAINING THE MOMENTUM TO START HER SCHOOLWORK. SHE RECOGNIZES THAT STARTING IS THE HARDEST PART WHEN IT COMES TO ASSIGNMENTS, BEING DISTRACTED BY HER PHONE AND TALKING TO HER FRIENDS TO DISTRACT FROM THE PRESSURE OF AN UPCOMING ASSIGNMENT DEADLINE. SHE FINDS IT USEFUL TO HAVE NOISE IN THE BACKGROUND, AS WELL AS STUDYING IN POPULATED AREAS SO THE PEOPLE AROUND HER HOLD HER ACCOUNTABLE TO GET SCHOOLWORK DONE RATHER THAN SLIPPING INTO HER PHONE.



Newly Adjusted



KIM, OUR NEWLY-ADJUSTING FRESHMAN, IS A COMPUTER SCIENCE STUDENT WHO IS FINDING THE TRANSITION TO COLLEGE ALMOST OVERWHELMING. SHE FINDS IT HARD TO HAVE EVERYTHING ORGANIZED IN ONE PLACE, AND WAS SUGGESTING A CALENDAR RIGHT AT THE BEGINNING OF THE INTERVIEW, ALMOST PROVING THAT IT ALONE WOULD BE EXTREMELY USEFUL FOR HER. WHEN ASKED IF A DIGITAL TO-DO LIST WOULD BE EASIER TO CONSISTENTLY USE THAN A TRADITIONAL PEN AND PAPER ONE, SHE AGREED, ADDING THAT MOST OF EVERYONE'S WORK IS ALREADY DIGITAL.

Non-Traditional Student

ANONYMOUS WOMAN'S INTERVIEW SHEDS LIGHT ON THE UNIQUE CHALLENGES AND NEEDS OF NON-TRADITIONAL STUDENTS, PARTICULARLY THOSE WHO HAVE RETURNED TO THE ACADEMIC ENVIRONMENT AFTER A SIGNIFICANT PERIOD OF ABSENCE. HER MOTIVATION TO RETURN TO SCHOOL IN THE UNITED STATES STEMS FROM THE DESIRE TO COMMUNICATE EFFECTIVELY WITH HER FAMILY AND COMMUNITY, INTERACT WITH HEALTHCARE PROFESSIONALS IN ENGLISH, AND ENGAGE WITH HER CHILDREN'S TEACHERS. AS AN OLDER STUDENT WITH FAMILY RESPONSIBILITIES AND HOUSEWORK TO MANAGE, SHE FACES THE CHALLENGE OF BALANCING HER ACADEMIC PURSUITS WITH HER DOMESTIC DUTIES. THIS HIGHLIGHTS THE IMPORTANCE OF DESIGNING AN APP THAT CAN ASSIST IN EFFECTIVE TIME MANAGEMENT AND ORGANIZATION. SHE INITIALLY STRUGGLED WITH ADAPTING TO TOOLS LIKE CANVAS AND SOCIAL MEDIA. THIS SUGGESTS A NEED FOR USER-FRIENDLY FEATURES AND TUTORIALS WITHIN THE APP TO SUPPORT USERS IN BRIDGING TECHNOLOGICAL GAPS.

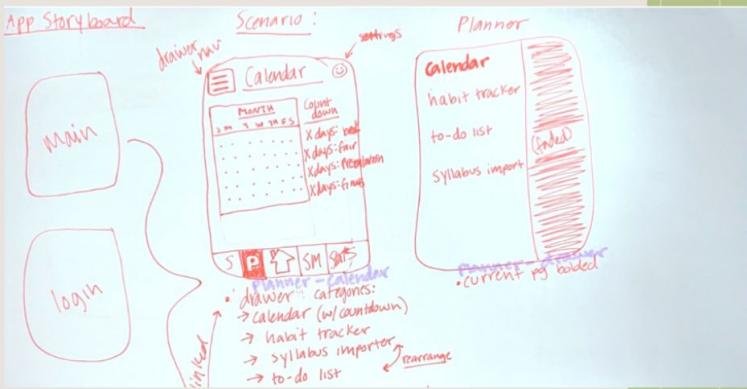
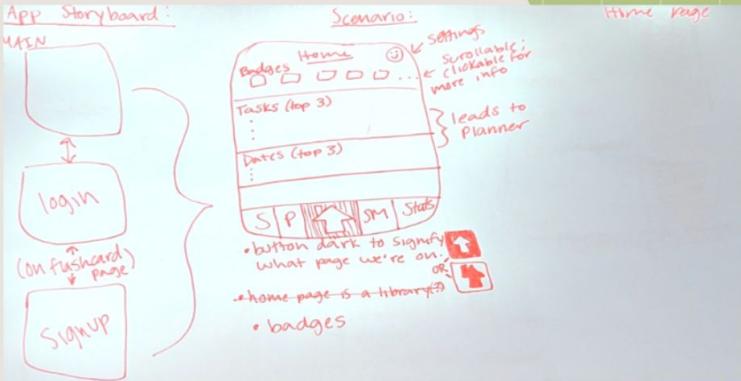
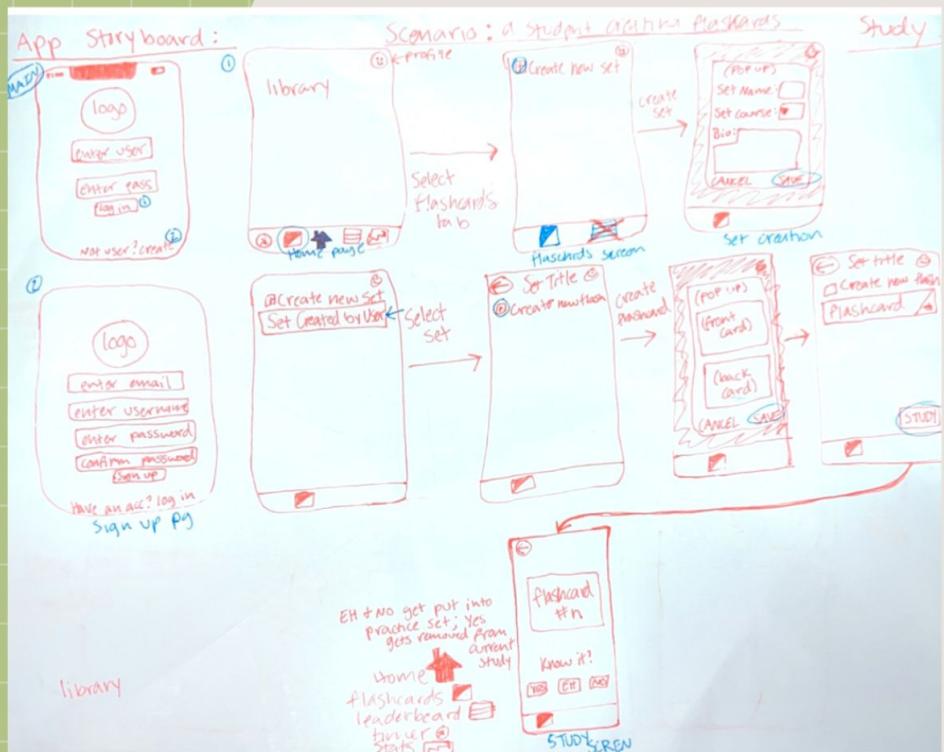


03

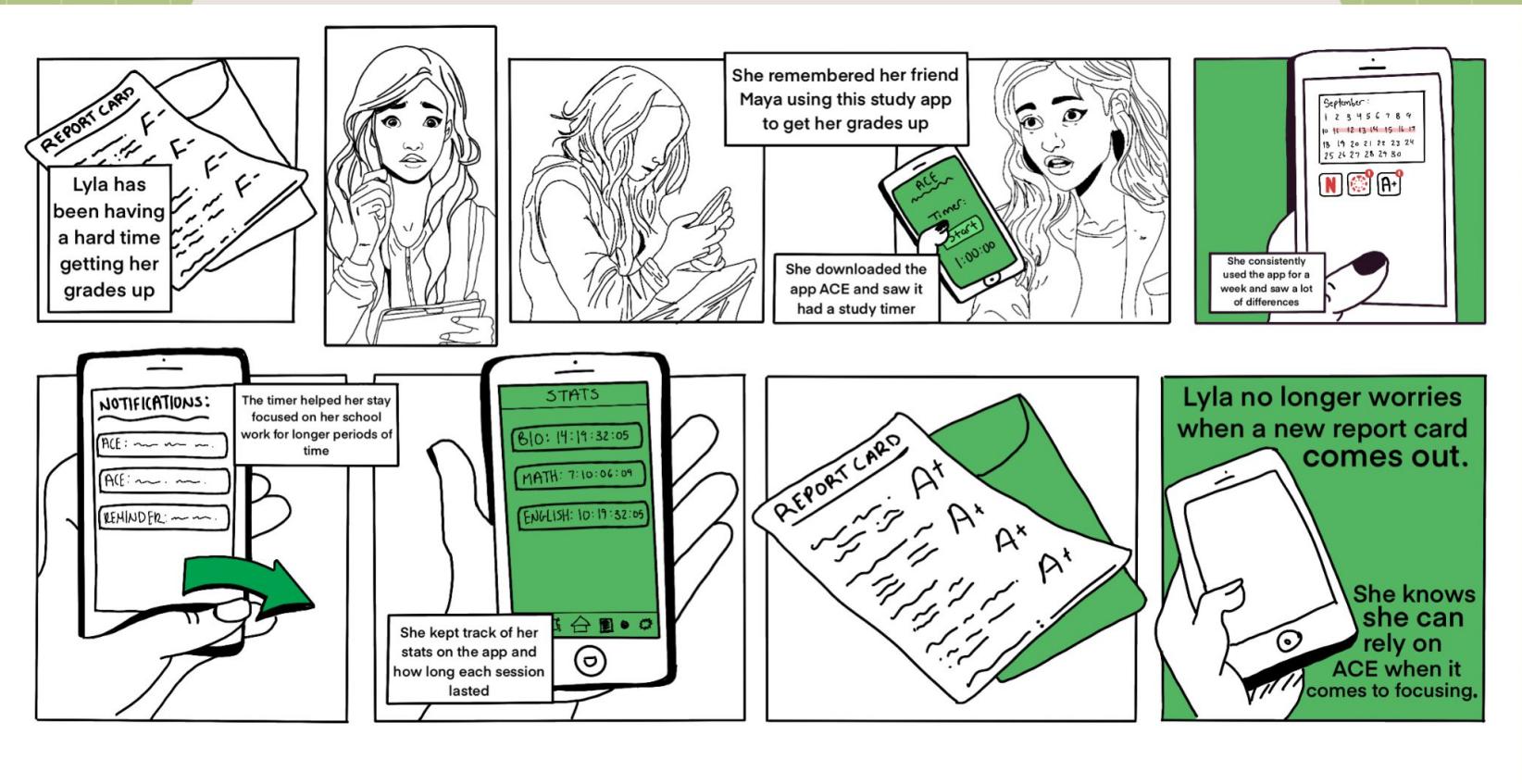
Story Board



Story Board



Story Board



04

Paper Prototype



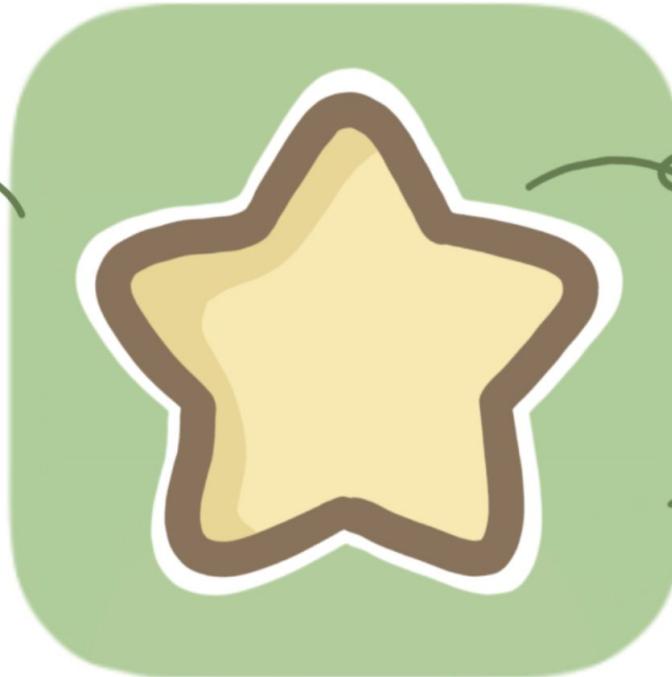
05

Digital Prototype



Logo

Consistent Coloring



Simple Design

Eye Catching

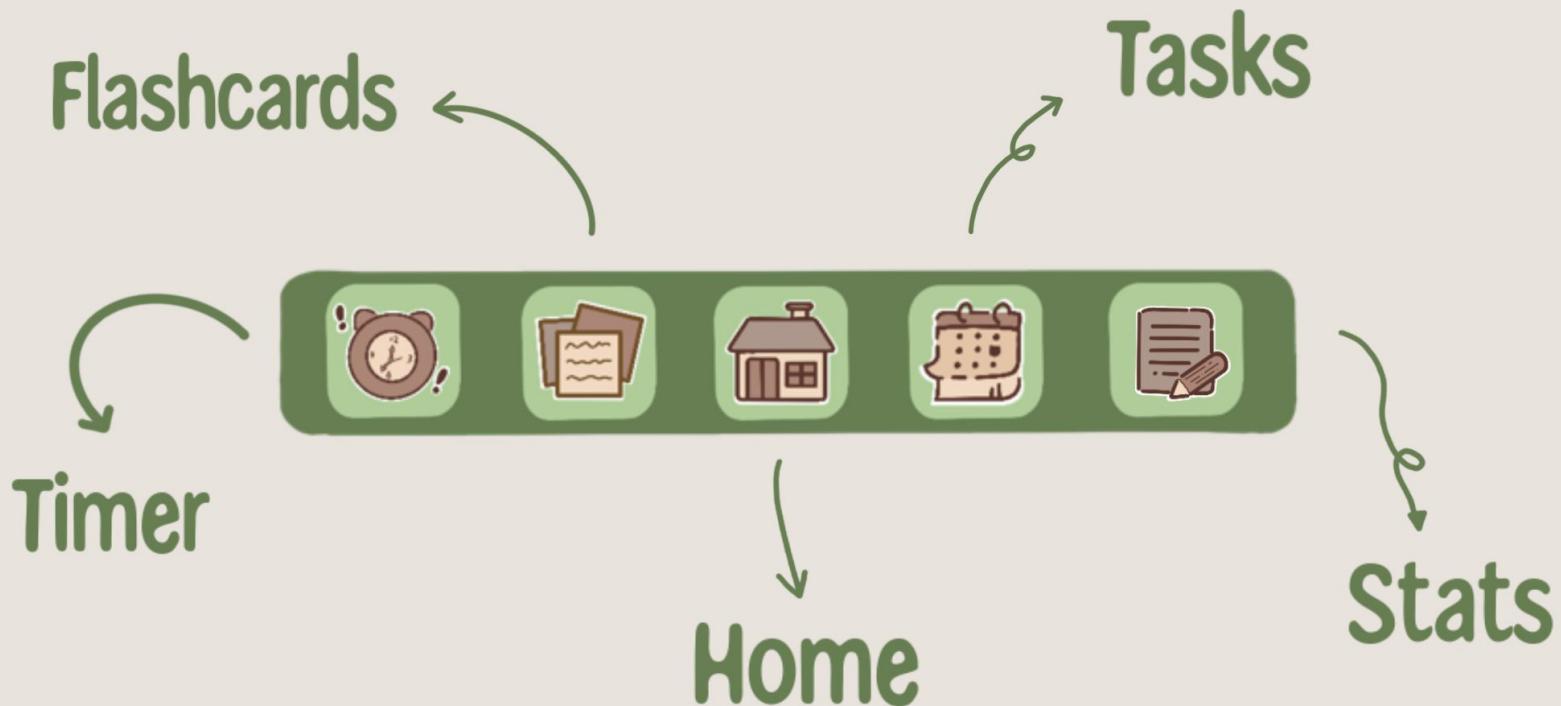
Screens

sign in & sign up

- User friendly logo and colors
- Progress Tracking: Having user accounts allows the app to track the user's progress
- Contributes to data collection and analysis, which can be used to make the app more effective and user-friendly



Navigation Bar



Screens

home screen

- User Orientation: The home screen provides users with a central point of orientation when they open the app.
- Task Management: The home screen displays upcoming tasks, deadlines, and study schedules. This keeps users organized and helps them plan their study



OCTOBER

< 24 25 26 27 28 >



no tasks today!

time to relax and recharge

alarm clock icon

checklist icon

house icon

calendar icon

briefcase icon

OCTOBER

< 24 25 26 27 28 >

 digital prototype

 finish coding HW

alarm clock icon

checklist icon

house icon

calendar icon

briefcase icon

Screens

flashcards

- Active Recall: Powerful learning technique where you actively try to remember information from memory.
- Adaptive Learning: Flashcards can adapt to your progress.



my sets

Progress	Learned: 5/10	title example
50%		
25%		
75%		
100%		
10%		

new set +

title example

untitled set

A-Z

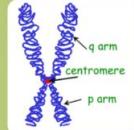
quiz all

quiz unlearned

new card +

Approximately where is aa located along the chromosome relative to the two loci?

one-third of the distance from the vestigial wing



Learned:

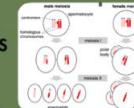
What is paediatric vision?

Paediatric vision refers to the visual health and development of children from infancy through adolescence.

Learned:

What observable cellular process explains Mendel's Law of Segregation?

homologous chromosomes separating during meiosis I



Learned:

untitled set

A-Z

create a card

enter front of card:

enter question

enter back of card:

enter answer

upload an image (optional):

click to upload an image here

save

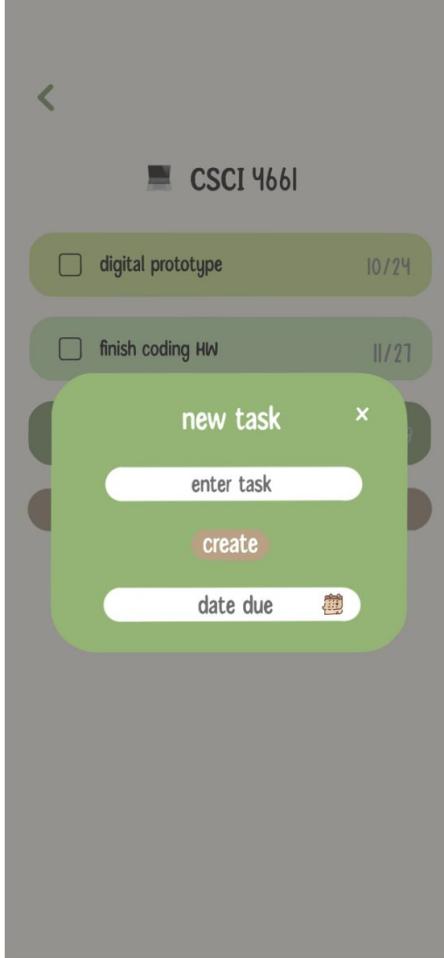
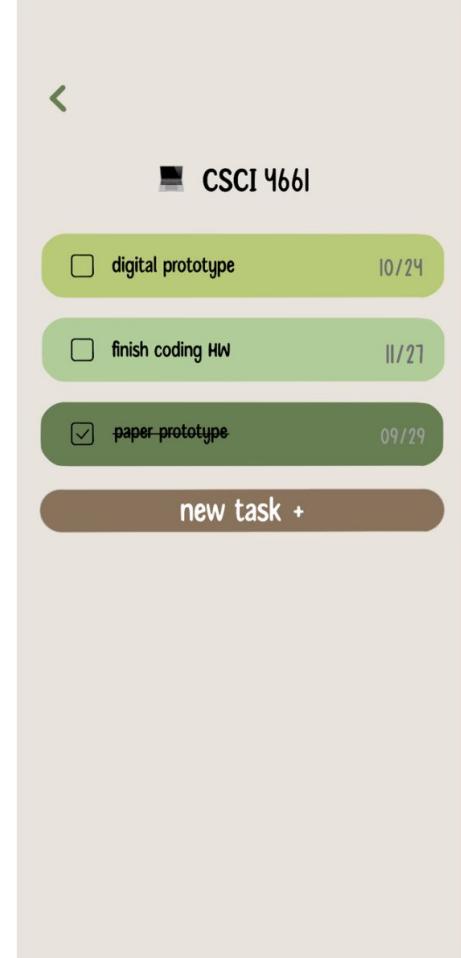
During meiosis I

Learned:

Screens

tasks / to do list

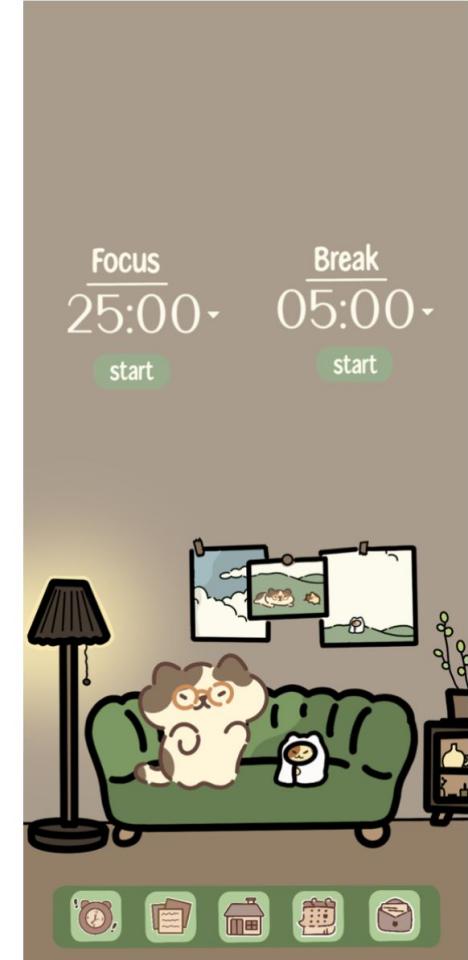
- consistency
- Goal Setting
- organization



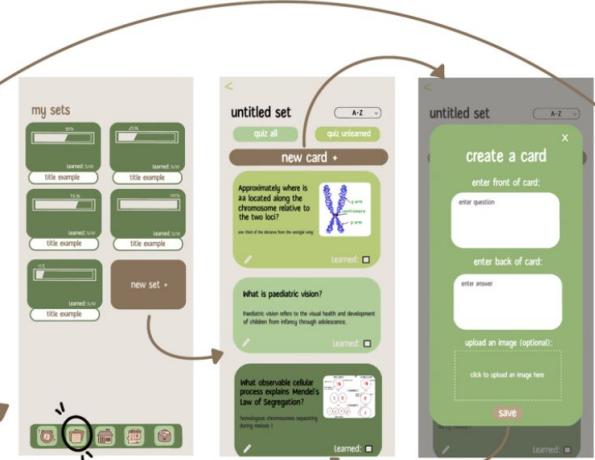
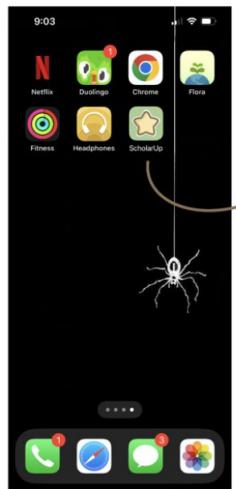
Screens

study timer

- Pomodoro Technique: Time management method that involves 25 minute focused study sessions followed by 5 minute breaks
- Focus and Concentration: Using a timer creates a sense of urgency
- Feedback: Users can see how much time they've spent studying



diagram



What's Next?



