



IIT Madras

# SOFTWARE ENGINEERING

## PROJECT

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May 2025 - Team 22

## MILESTONE - 2

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# STORYBOARD

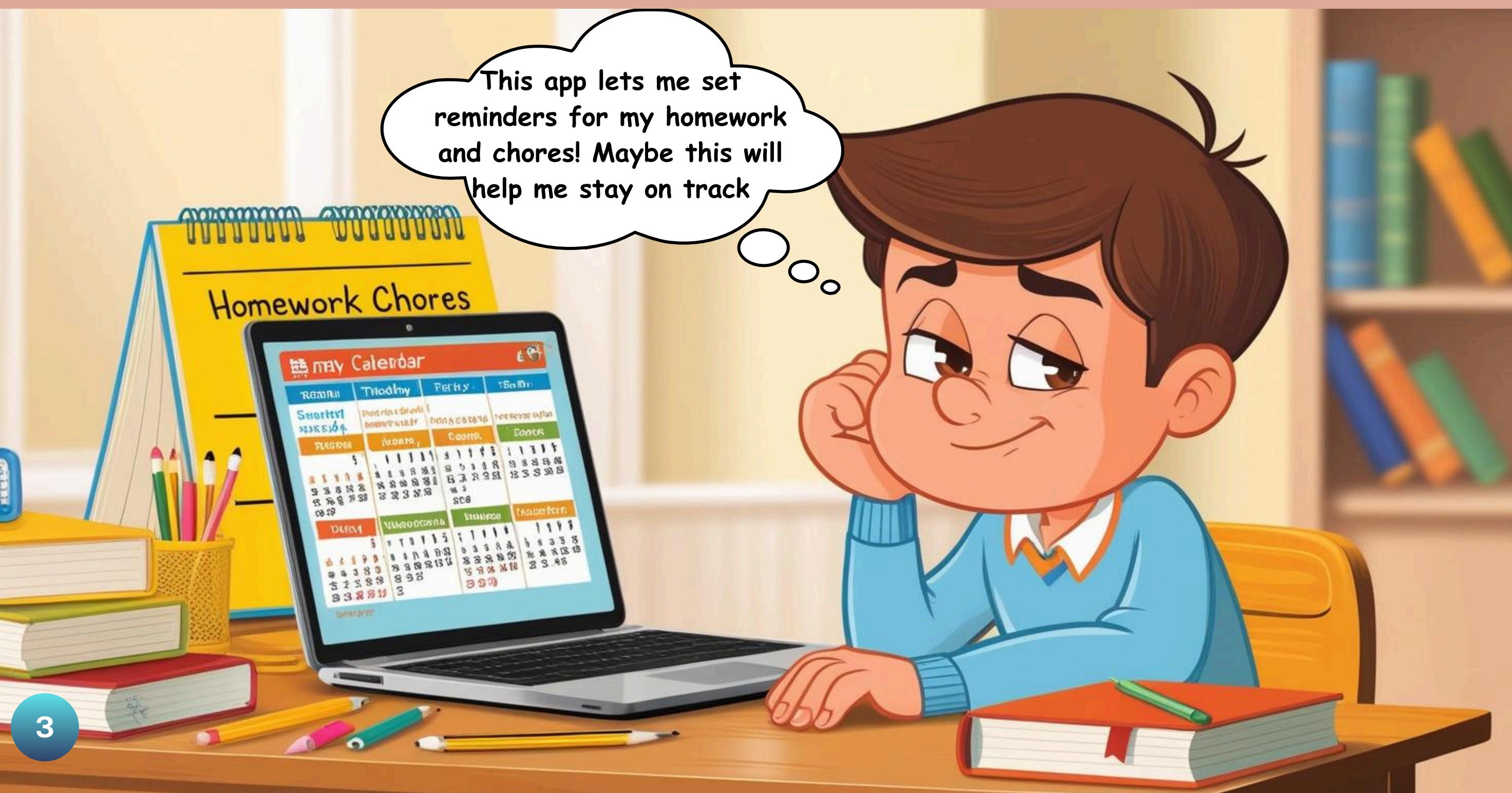
This storyboard visually demonstrates how our app supports students, parents, and teachers in building essential time management and communication skills. Each panel captures a real-world scenario inspired by each user's stories, highlighting how intuitive digital tools, such as reminders, progress trackers, virtual coaches, and feedback modules, empower users to develop good habits, foster collaboration, and achieve their goals.

The storyboard and the pages preceding the wireframes represent the app's original design direction prior to conducting user interviews, offering a baseline that informed the updated, user-centred wireframes.

# Student willing to sets reminders to manage homework and chores



# A student happily checking off goals on a digital checklist on a laptop.



# My Calendar

Stay organized and never miss a task!



Add new reminder...

dd-mm-yyyy

Set Reminder

June 2025



Sun

Mon

Tue

Wed

Thu

Fri

Sat



1

2

3

4

5

6

7



8

9

10

11

12

13

14

Prepare for quiz

Math Homework Due



15

16

17

18

Science Project

19

20

21



22

23

24

25

26

27

28



29

30

1

2

3

4

5

# Student uses a timer to focus during study sessions.

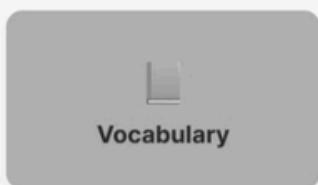




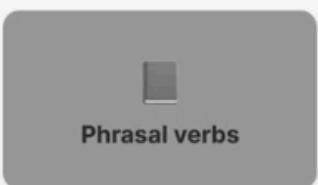
# Good morning, Learner

Here's a quick glance at your progress

## Knowledge base



Vocabulary



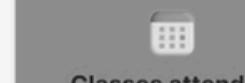
Phrasal verbs



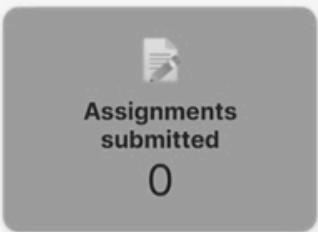
Grammar

 Cancel Focus Mode

Stats

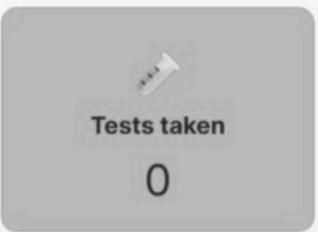


0



Assignments submitted

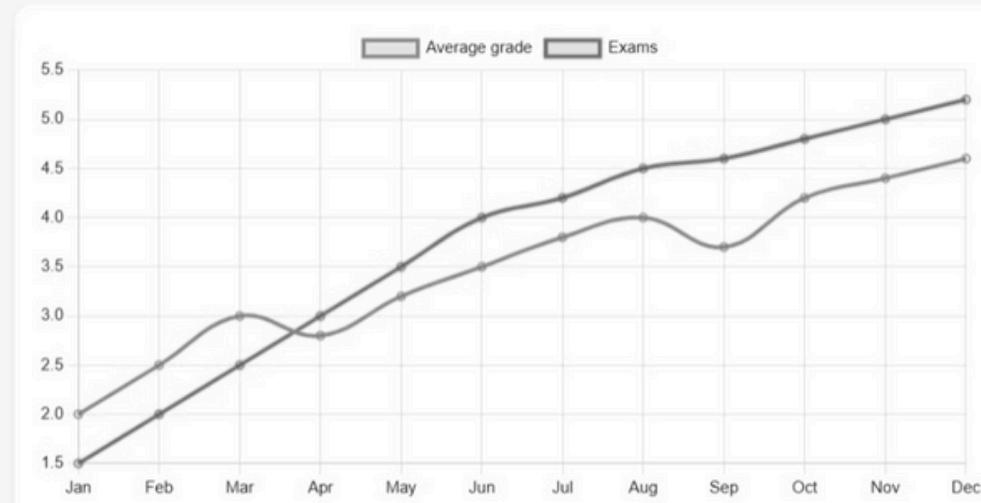
0



Tests taken

0

## Statistics



6

## Focus Mode

25

Enter Focus Mode

 Focus Mode — Time Left: 24:10



# Student practices conversation scenarios with AI assistant.



# Good morning, Learner

## LifeSkills - AI ChatBot



Student:

Hi, can you help me prepare for my upcoming math test?

Bot:

Of course! Let's review some key math concepts and practice a few problems together.

Student:

That sounds great. Can we also go over some tips for staying focused while studying?

Bot:

Absolutely! Taking short breaks, setting clear goals, and practicing regularly can really help you stay focused.

Student:

Thanks! Also, I'm struggling a bit with algebra. Any advice?

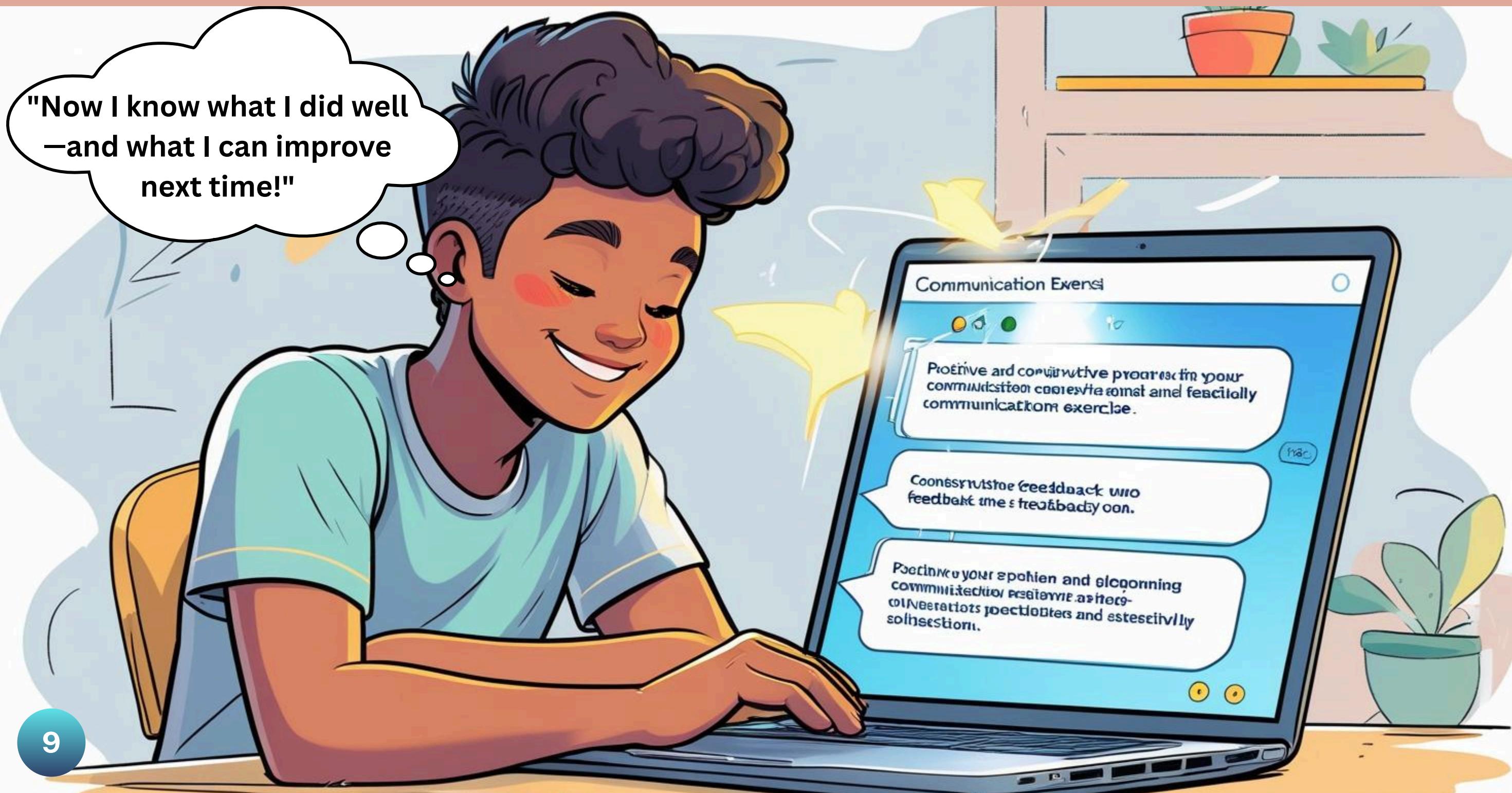
Bot:

For algebra, try to break down each problem into smaller steps and practice solving equations daily. Would you like a sample problem to try?

Ask anything...

Send

# Student receives notifications and feedback on various exercises.





# Messages & Feedback

Stay updated with important notifications and feedback.

## Assignment Feedback: Essay on Climate Change

Feedback

Great structure and strong arguments. You've shown excellent improvement in forming cohesive paragraphs.

From: Mrs. Sharma • Mon, 9 Jun

## Upcoming Workshop: Debate & Public Speaking

Notification

You are enrolled for the debate skills workshop scheduled this weekend. Be prepared!

From: Admin Team • Sat, 7 Jun

## New Assignment Posted: Math Practice Set 5

Announcement

Please complete the algebra and geometry sections before Friday. Let me know if you face any doubts.

From: Mr. Verma • Fri, 6 Jun

## Participation Feedback: Science Fair

Feedback

Your model was well-constructed and creative. Excellent effort in explaining the concept to the visitors.

From: Dr. Rao • Tue, 3 Jun

# Teacher assigns tasks or projects to students via the app.





# Assignments

Manage, track and assign tasks to your students



## Create New Assignment

Title

Description



dd-mm-yyyy



Assign

## All Assignments

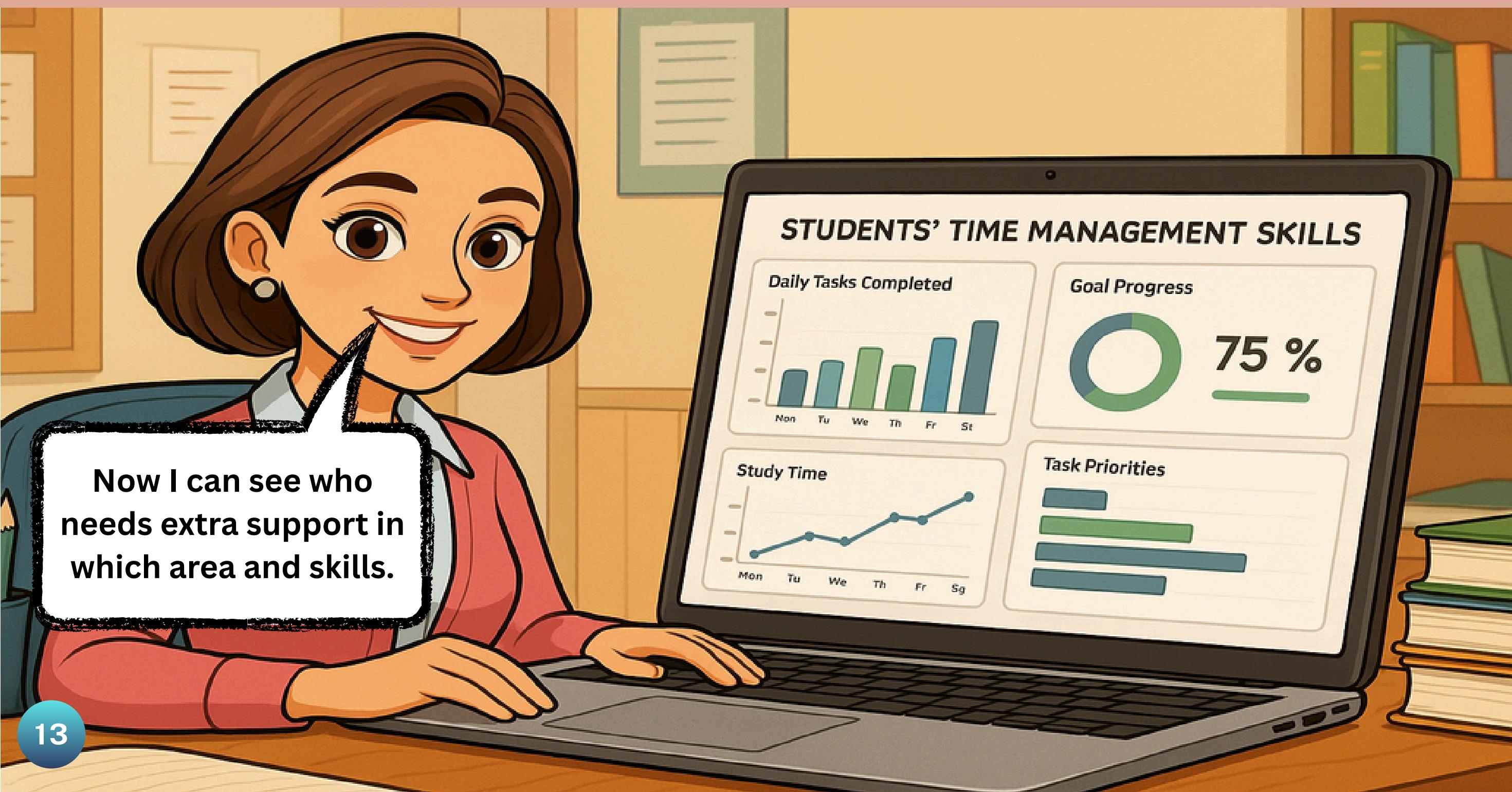
### Data Science Project

Learning AI basics with IIT BS LLM Course :)

Due: 12/6/2025

Student	Status
Rahul Sharma	Completed ▾
Arya Chavan	In Progress ▾
Aarush Saxena	Not Started ▾
Gopu Vishal Reddy	Completed ▾

# Teacher reviews students' progress in each skills.

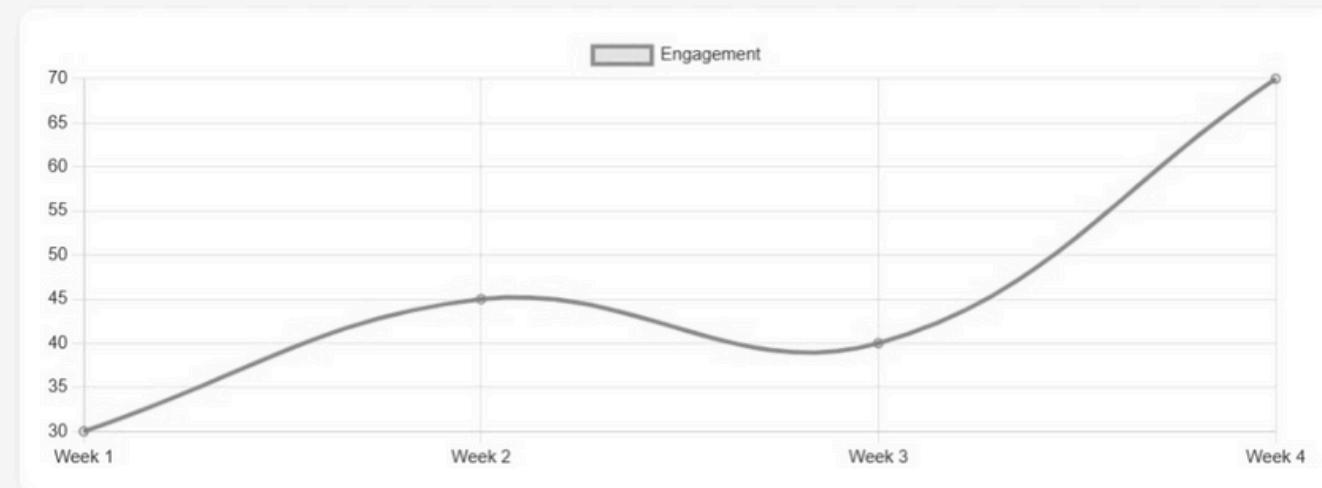
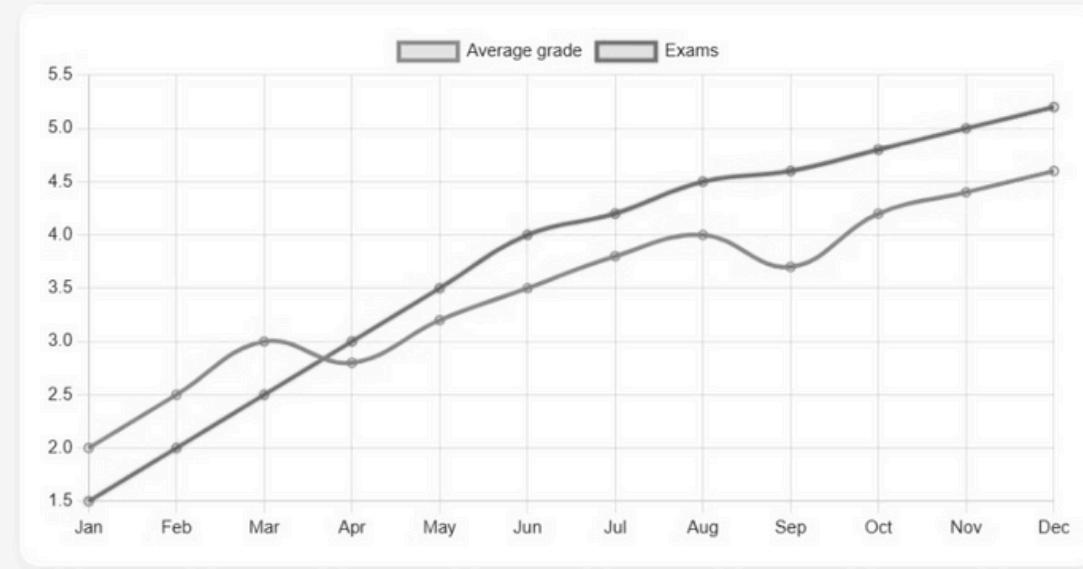




# Welcome back, Instructor



Here's a quick glance at your learners



## Time Management



43% Progress

## Communication



67% Progress

## Health & Wellness



56% Progress

## Decision Making



32% Progress

## Calendar

 Today: 11 Jun 2025 |  03:25 am

## Upcoming Classes

- 10:00 AM - English
- 12:00 PM - Math
- 3:00 PM - Science

[See more](#)

## Staff Room

### A. Adedayo

Hey, please check analytics  
10:25 am

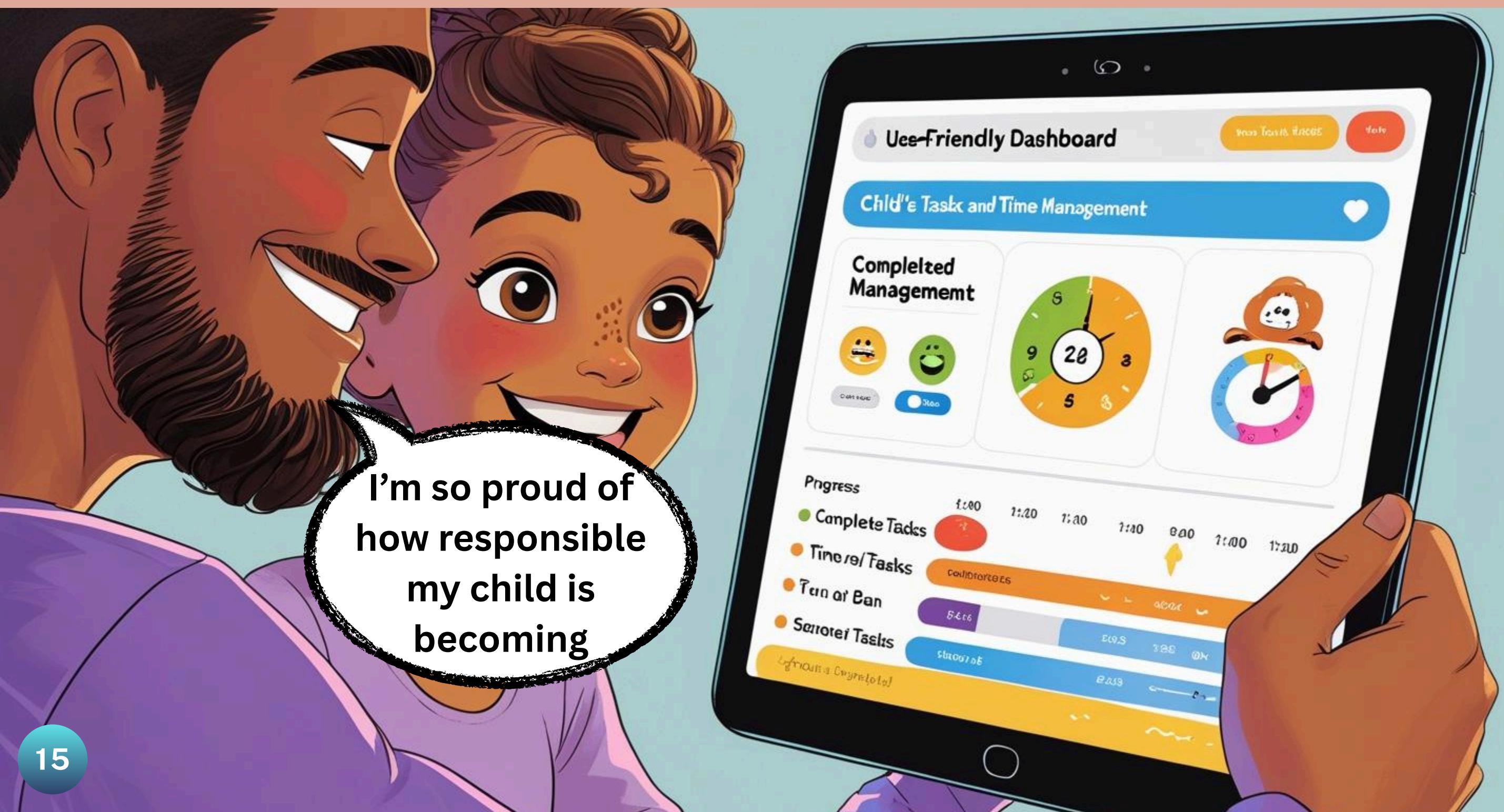
### B. Omile

Meeting tomorrow @ 3pm  
12:35 pm

### E. John

Update session notes  
04:30 pm

# Parent views their child's task completion and progress.





# Good afternoon, Parent



Here's an overview of your child's learning journey

**Lil Aarush**

Grade: 5th Grade

School: Sunshine and Rainbow



## Child Stats

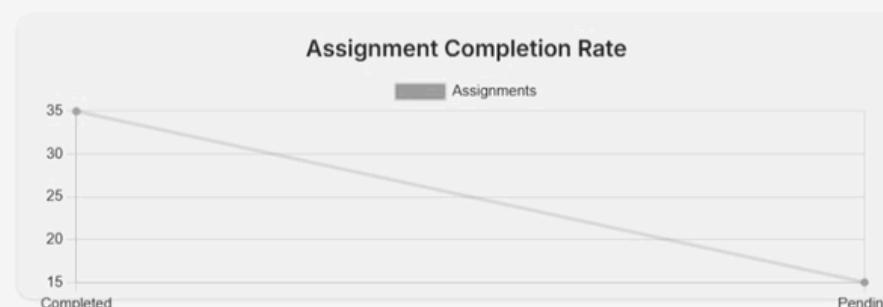
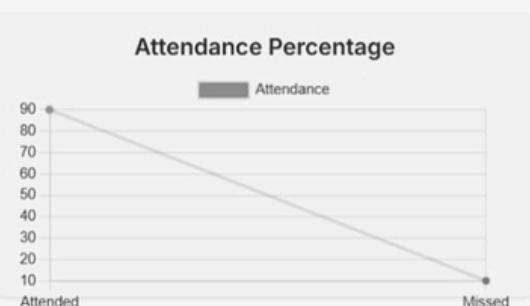
Classes Attended  
42

Assignments Submitted  
35

Tests Taken  
12

Attendance %  
90

## Progress Charts of your kid



## Achievements your lil kid earned

Top Scorer

Homework Hero

Focus Master

Attendance Star

## Calendar

Today: 11 Jun 2025 | 02:49 am

### Upcoming Classes

- 10:00 AM - English
- 12:00 PM - Math
- 3:00 PM - Science

[See more](#)

## Notifications

- New assignment uploaded for Math.
- Parent-teacher meeting scheduled for next Friday.
- Your child earned a new badge: Homework Hero.

## Recent Messages

Teacher: Alex is improving well on spelling.

Coach: Keep encouraging Alex in sports activities!

# Parent receives notifications about missed deadlines.





# Messages & Reports

Stay updated on your child's academic journey

All

Notifications

Reports

## Monthly Report Available

Your child's May performance report is ready.

1 Jun 2025

## Parent Meeting Reminder

Virtual PTM scheduled for June 15th at 6 PM.

10 Jun 2025

## New Assignment Notification

English project submitted successfully.

9 Jun 2025

## April Report Available

April monthly report now accessible.

2 May 2025



# Parent can do conversation with teachers to support their child.



Parent Comms Center

Direct and secure messaging

Chats

 Mrs. Davis  
Mathematics

 Mrs. Davis  
Mathematics

 Mr. Smith  
History

Hi, I'd like to discuss Nikhil's progress.

Type a message...  Send

# WIREFRAMES

These are the final wireframes providing a visual representation of the app's core features and user flows, demonstrating how students, parents, and teachers interact with the system. Each screen layout highlights essential functionalities such as setting reminders, tracking progress, practicing communication skills, and accessing feedback. By outlining the structure and navigation of the interface, these wireframes serve as a blueprint for the app's design and development, ensuring a user-friendly experience that meets the needs identified in our user stories.

**User Interview:-** [Interview with Teacher](#)

# LOGIN

## Welcome Back

Enter your credentials to access your account.

Email Address

Password

**Sign In**

Don't have an account? [Sign Up](#)

## Life Skills

Empowering the next generation.

# SIGN UP

## Create an Account

Get started on your journey with us.

Sign up as a Student

First Name Last Name

Email Address

Password

Grade Level

Select your grade...

What skills do you want to learn?

Time Management Communication

Health Decision Making

Financial Literacy Problem Solving

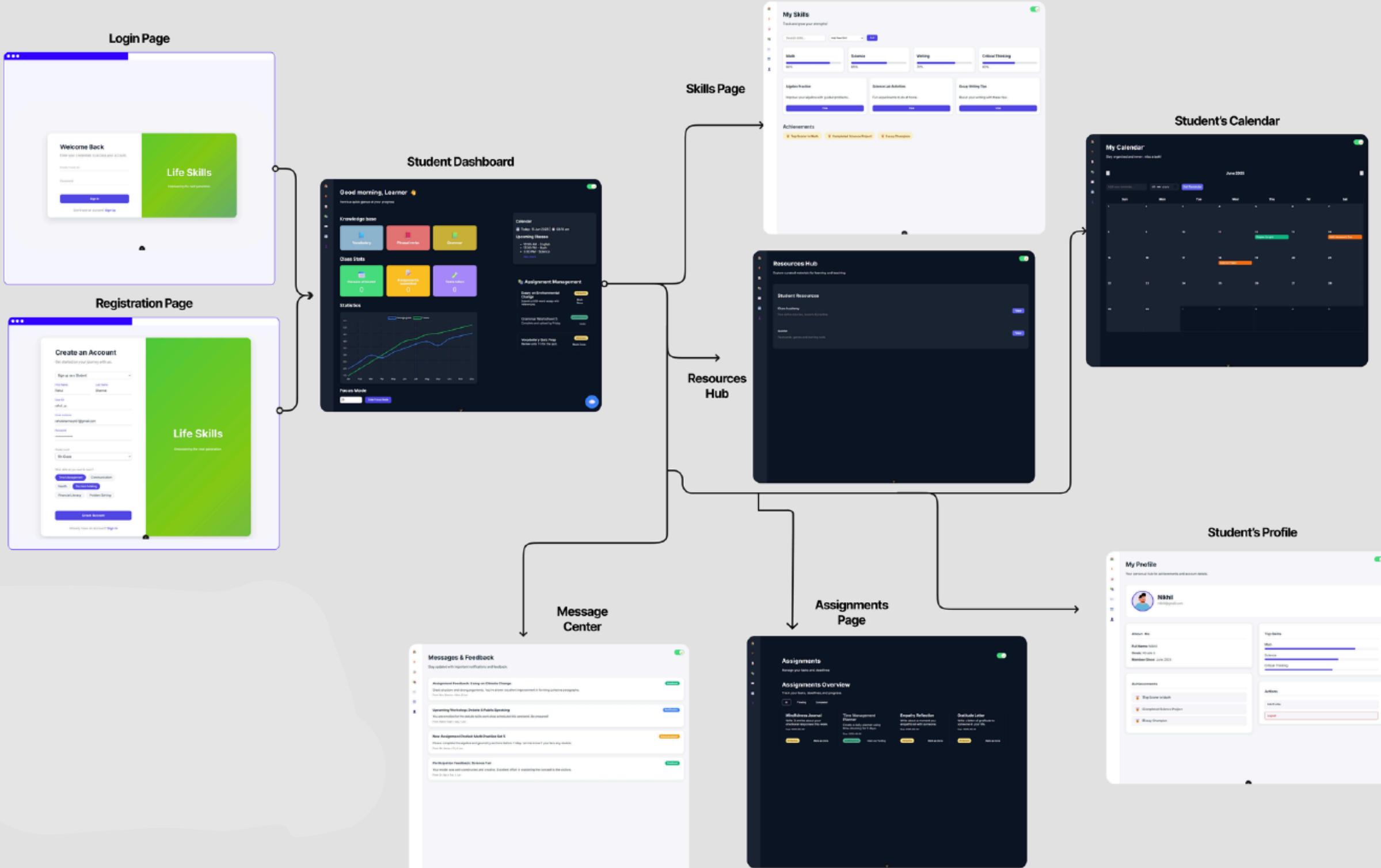
Create Account

Already have an account? [Sign In](#)

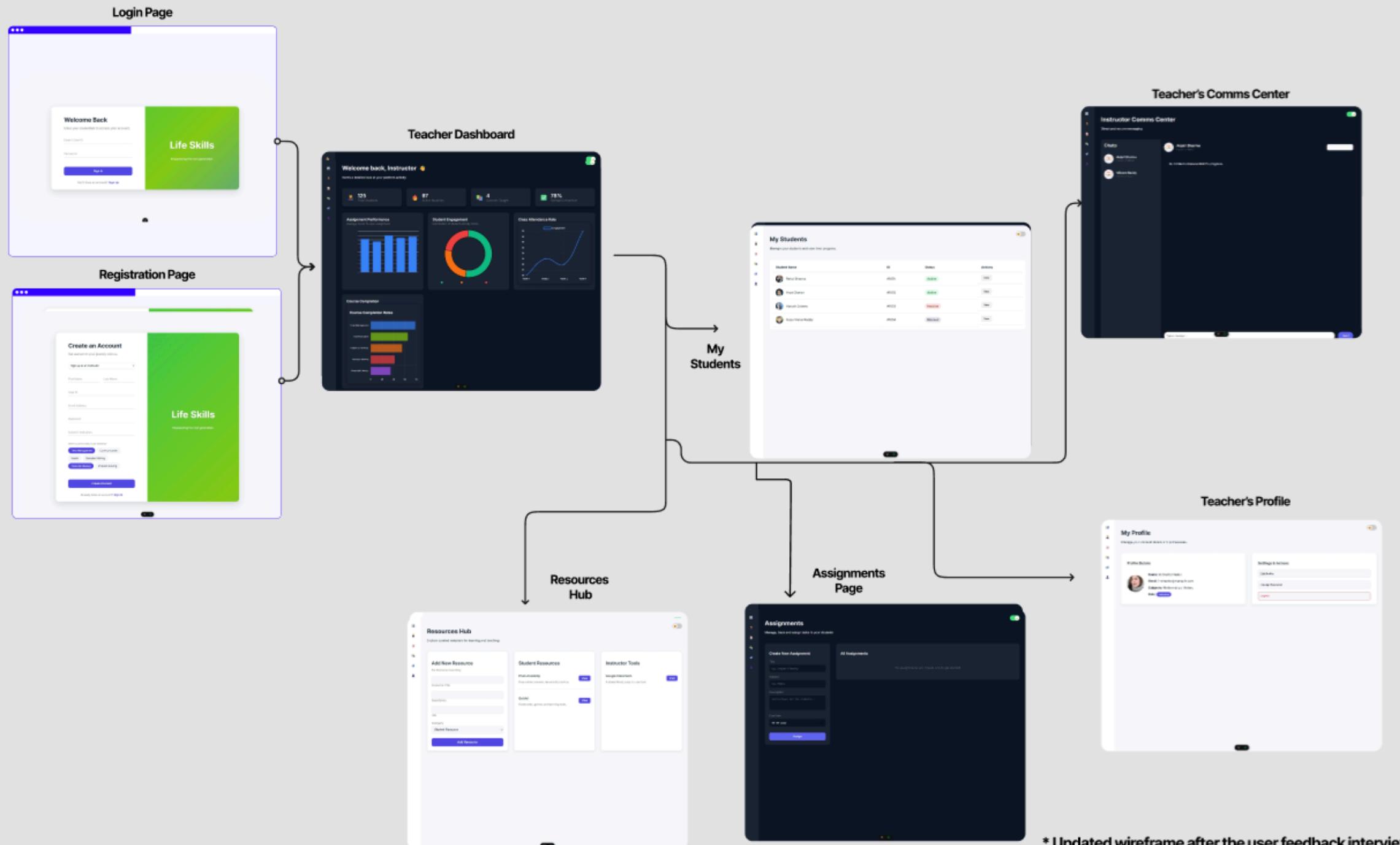
# Life Skills

Empowering the next generation.

## Updated Student Dashboard Wireframe Flow

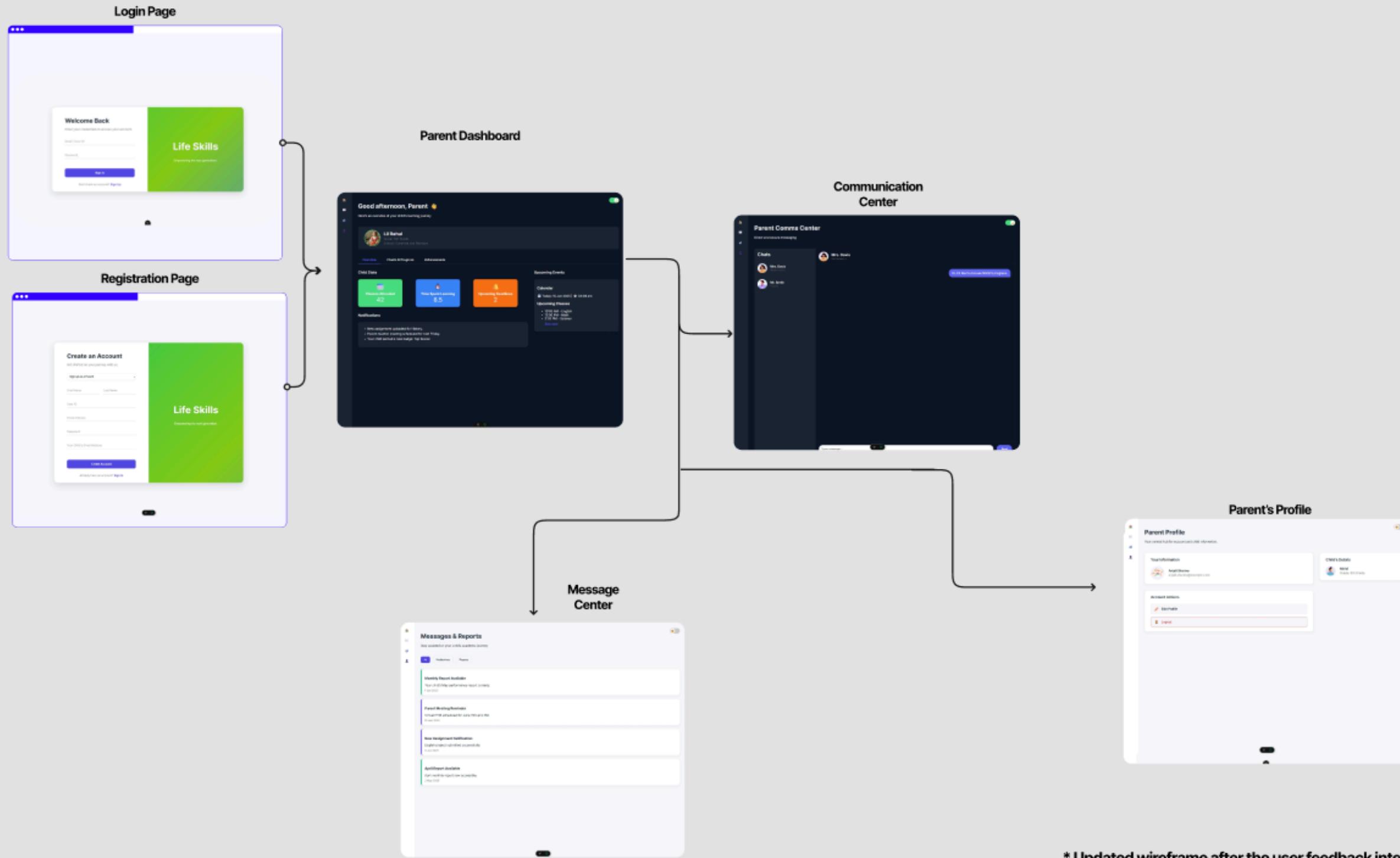


## Updated Teacher Dashboard Wireframe Flow



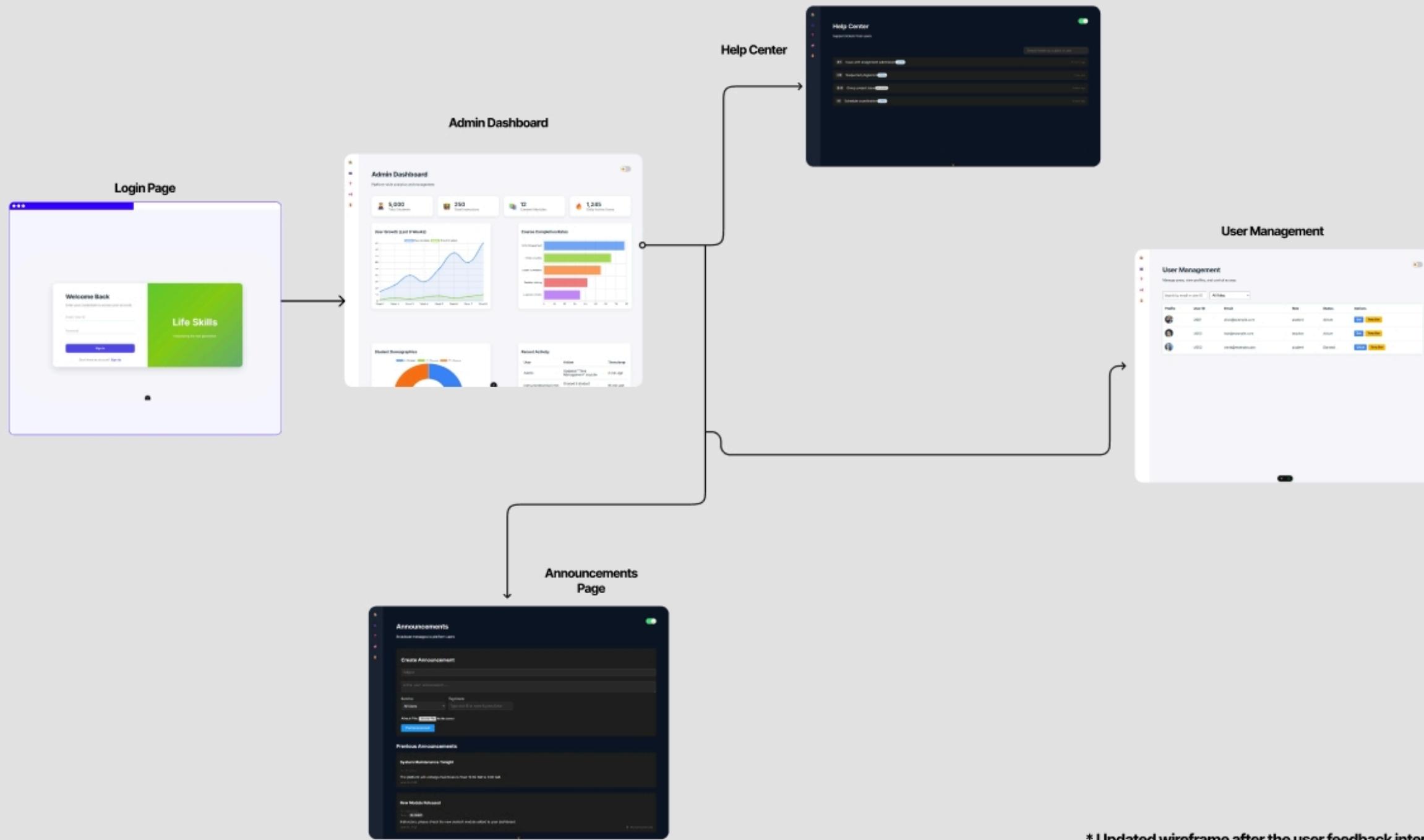
\* Updated wireframe after the user feedback interview

## Parent Dashboard Wireframe Flow



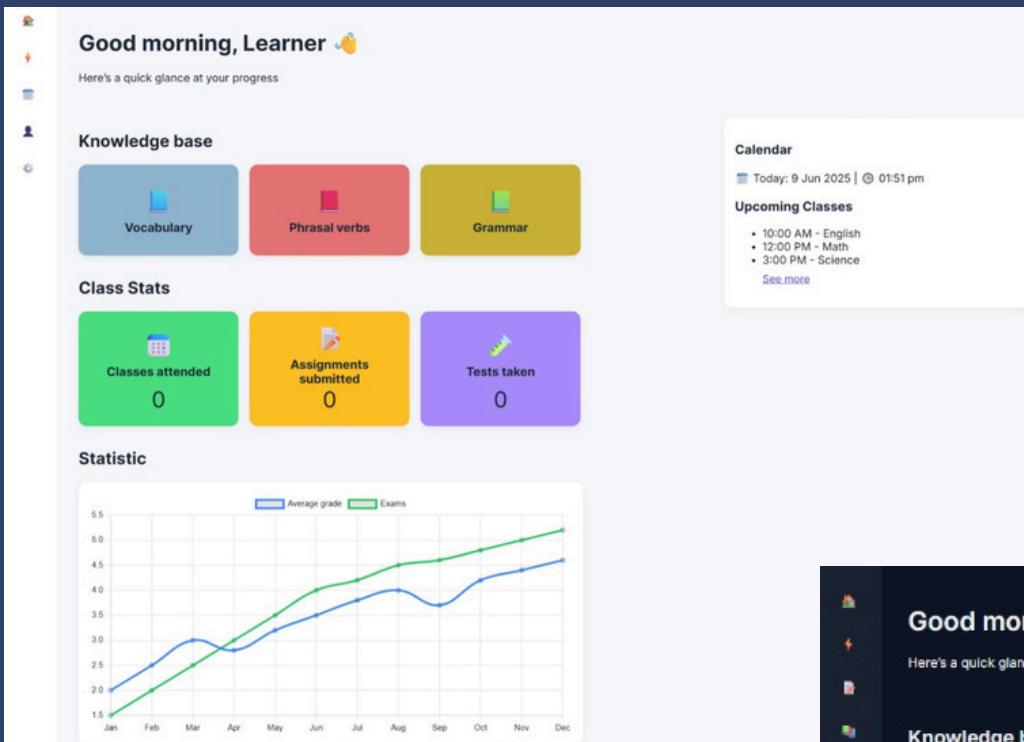
\* Updated wireframe after the user feedback interview

## Admin Dashboard Wireframe Flow



\* Updated wireframe after the user feedback interview

# Changes made after getting User's feedback.



Good morning, Learner 🌞

Here's a quick glance at your progress

**Knowledge base**

- Vocabulary
- Phrasal verbs
- Grammar

**Class Stats**

- Classes attended: 0
- Assignments submitted: 0
- Tests taken: 0

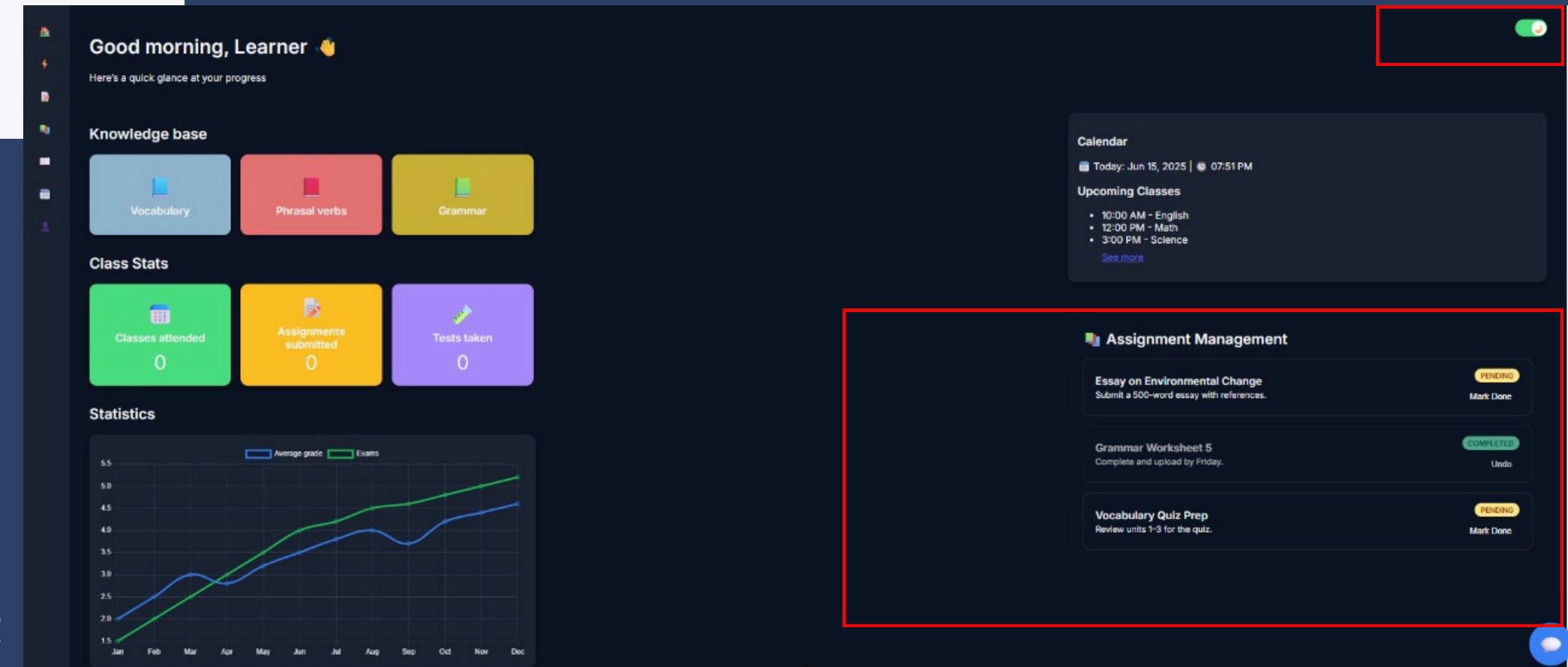
**Statistic**

Average grade: 2.0

Exams: 1.5

Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec

BEFORE



Good morning, Learner 🌞

Here's a quick glance at your progress

**Knowledge base**

- Vocabulary
- Phrasal verbs
- Grammar

**Class Stats**

- Classes attended: 0
- Assignments submitted: 0
- Tests taken: 0

**Statistic**

Average grade: 2.0

Exams: 1.5

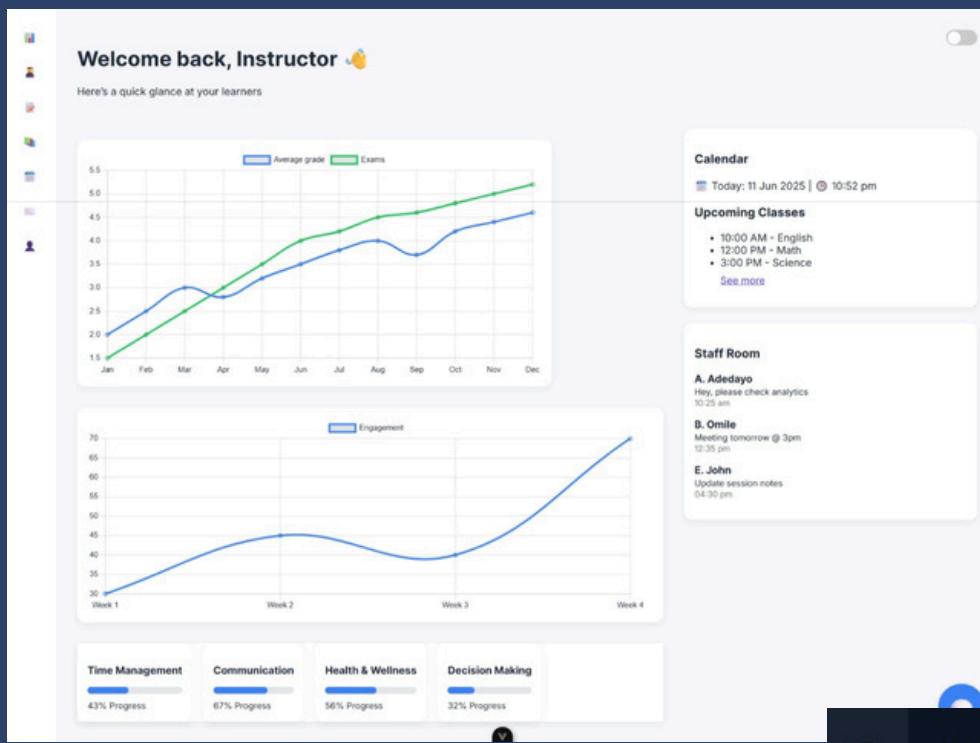
Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec

**Assignment Management**

- Essay on Environmental Change: PENDING
- Grammar Worksheet 5: COMPLETED
- Vocabulary Quiz Prep: PENDING

## User Feedback:-

1. User requested to have “Task Management section in dashboard too.
2. User requested to have “Dark Mode” as a feature to switch between as per comfort



BEFORE

## User Feedback:-

1. User requested to have more statistics in dashboard with better UI.
2. User requested “Dark mode” for their dashboard too so we made it common functionality for our app.



## Assignments

Manage, track and assign tasks to your students

### Create New Assignment

Title

Description

dd-mm-yyyy

Assign

### All Assignments

Student	Status
Rahul Sharma	Completed
Arya Chavan	In Progress
Aarush Saxena	Not Started
Gopu Vishal Reddy	Not Started

## User Feedback:-

1. User requested to have more functionality in the “Assignments” page.

BEFORE

30

AFTER

## Assignments

Manage, track and assign tasks to your students

### Create New Assignment

Title  
e.g., Chapter 5 Reading

Subject  
e.g., History

Description  
Instructions for the students...

Due Date  
mm/dd/yyyy

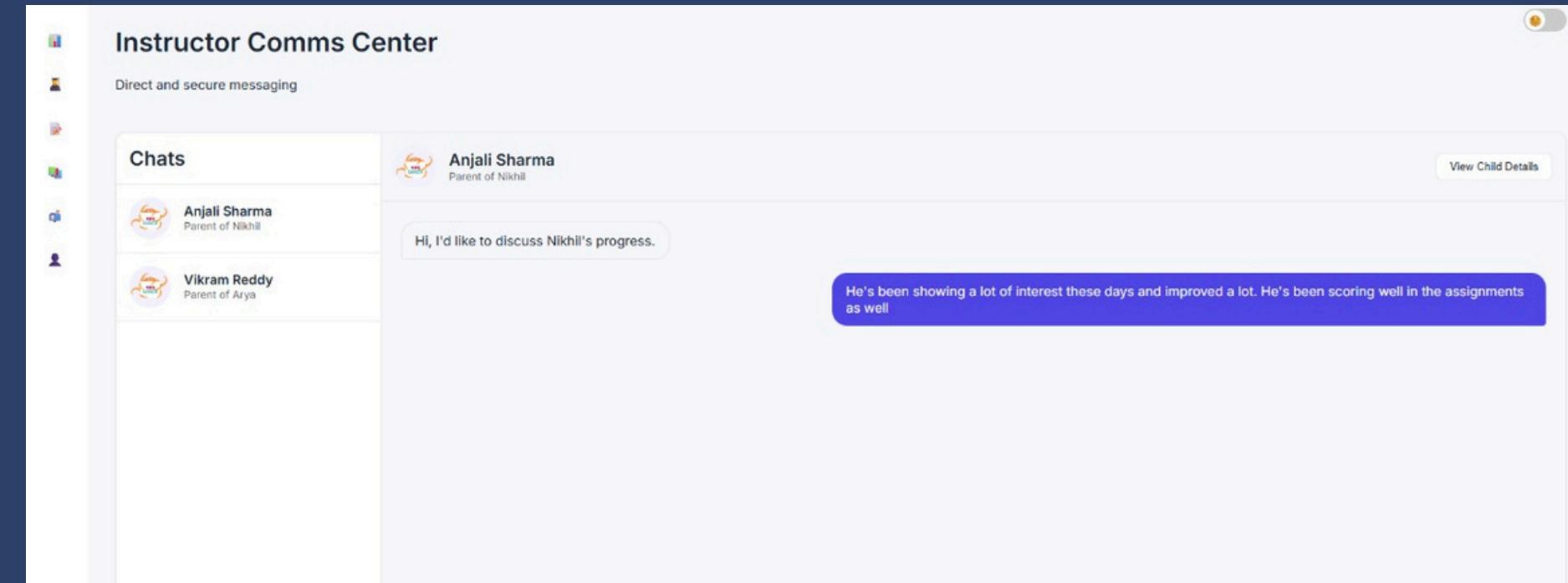
Assign

### All Assignments

No assignments yet. Create one to get started!

## User Feedback:-

1. User requested to have a specific “Communication Centre” between parents and themselves (instructors).



The screenshot shows the 'Assignments' section of a student interface. It includes a sidebar with various icons. The main area is titled 'Assignments Overview' and has a sub-section 'Assignments Overview' with the text 'Track your tasks, deadlines, and progress.' Below this are three tabs: 'All', 'Pending', and 'Completed'. The 'Pending' tab is selected. There are four assignment cards: 1. 'Mindfulness Journal' (Due: 2025-06-20) with buttons 'PENDING' and 'Mark as Done'. 2. 'Time Management Planner' (Due: 2025-06-18) with buttons 'COMPLETED' and 'Mark as Pending'. 3. 'Empathy Reflection' (Due: 2025-06-22) with buttons 'PENDING' and 'Mark as Done'. 4. 'Gratitude Letter' (Due: 2025-06-25) with buttons 'PENDING' and 'Mark as Done'. A 'Send' button is located in the top right corner of the main content area.

2. User suggested to add assignment manage page for Students.