LearnSphere Al An intelligent learning ecosystem that connects students, teachers, and parents with personalized

insights and support



schools, combining student, teacher, and parent needs into one ecosystem. With Al-driven personalization, adaptive assessments, predictive alerts, and progress

Project Overview

LearnSphere AI is a smart EdTech platform designed for

insights, it reduces drop-offs and boosts learning outcomes. RESPONSIBILITIES MY ROLE • Research - Comparative **UX Design Strategist Analysis** • Ideation - Design

TOOLS

• Brand Platform - Style Guide

High Fidelity Design

Rewards & Leaderboard Great Progress, Riya! You've earned 3 new badges this week and climbed 5 1.250 Day Streak **Recent Badges** View All Solver Improvement Weekly

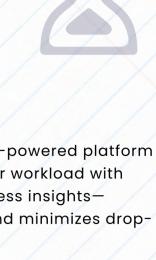
The Problem Schools struggle with fragmented tools for assessments, progress tracking, and communication. Teachers spend hours on manual planning, parents get

The Goal

engagement and higher drop-offs.

The goal of LearnSphere AI is to create a unified, AI-powered platform that personalizes student learning, reduces teacher workload with smart planning, and gives parents real-time progress insights building an ecosystem that boosts engagement and minimizes dropoffs.

delayed insights, and students face generic learning paths—leading to low



Testing



THE Design Process As the Design Lead, I collaborated closely with the client to understand requirements, translated them into clear design tasks, assigned responsibilities to the team, and guided the process at every stage—

from research and ideation to prototyping and final delivery.

70

queries

Real-time Progress

Al-Driven Content

Recommendations

Interactive Quizzes

Dynamic Content Delivery

Enhanced Engagement

Tracking

Adapti

Interac

Module

Personali

Personality

Thoughtful

Hey there! 👋 I noticed you've

been away for a bit. That's

totally okay - learning isn't

Al Learning Assistant • Just now

Don't Give Up!

Your Progress

Let's Try Again

You're doing better than you think!

Last Achievement

Completed Math Chapter 5

Sarah's Progress

Al Learning Insights

Al Learning Assistant

week.

🎉 Great news! Your child

improved in Fractions this

Sarah scored 85% on her

latest fraction assessment, up

Every expert was once a beginner. Your journey matters, and I'm here to support you every step of the way.

67%

always linear!

Friendly

Efficient

Persor

Engage

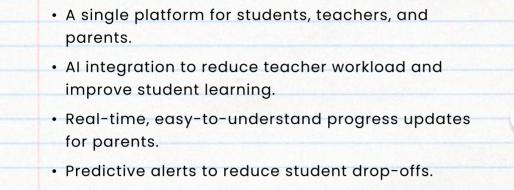
Real-time

Predictive Engagement Al

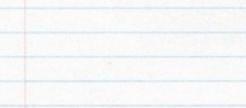
feedbac

Product Requirements

CUENT REQUIREMENTS:



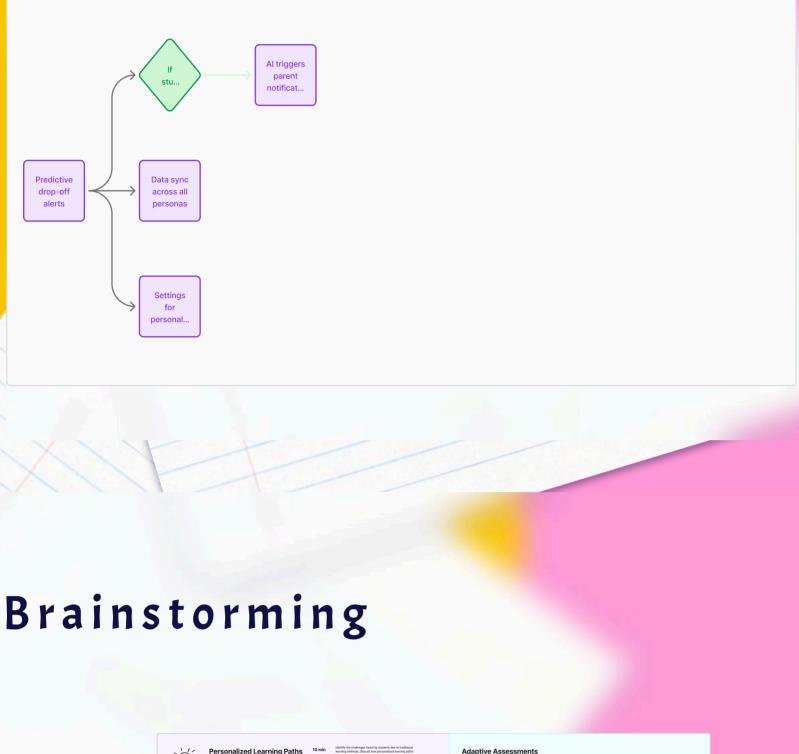
• Simple, intuitive UI that works on mobile devices.





planner

at-risk s.



Student Da Teacher Da Parent Dashboard

Studer

lesson

Persor

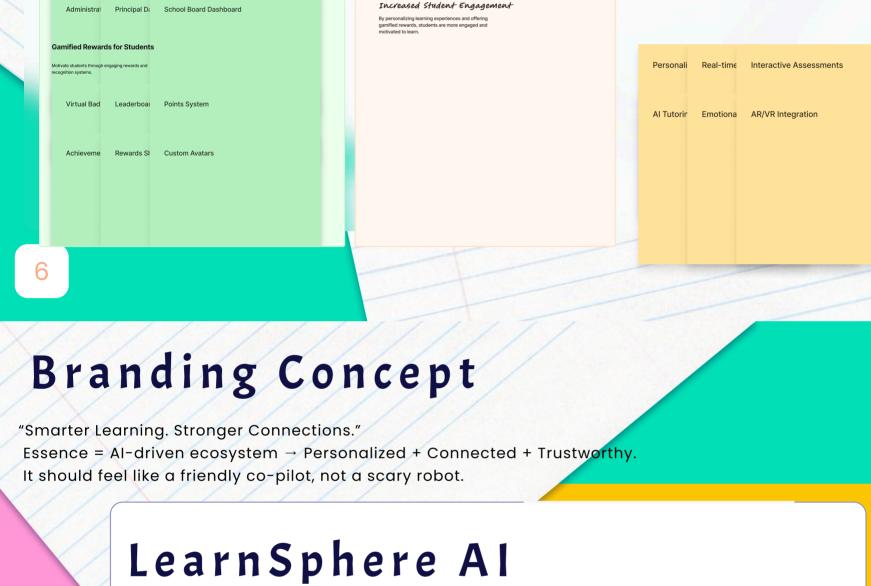
paths

Al less

Benefits of personalized

Impact of Al lesson

planners on...



High Fidelity

Mostly wipe space, using accents to draw attention

Fonts: Inter

Palette

or add levity

with feedback from the client.

Good morning, **Learning Journey** Mr. Johnson

View All

3

Days absent

52%

Completion

2.3

Avg score

Call Parent

Today's insights are ready!

I've identified 3 students who

prepared your daily teaching

need your attention and

Al Teaching Assistant • Just now

Students at Risk Today

High Risk

Marcus Chen

Medium Risk

Grade 8 • Mathematics

Sofia Rodriguez

Grade 8 • Mathematics

Suggest Extra Practice

Monitor Progress

Today's Teaching Plan

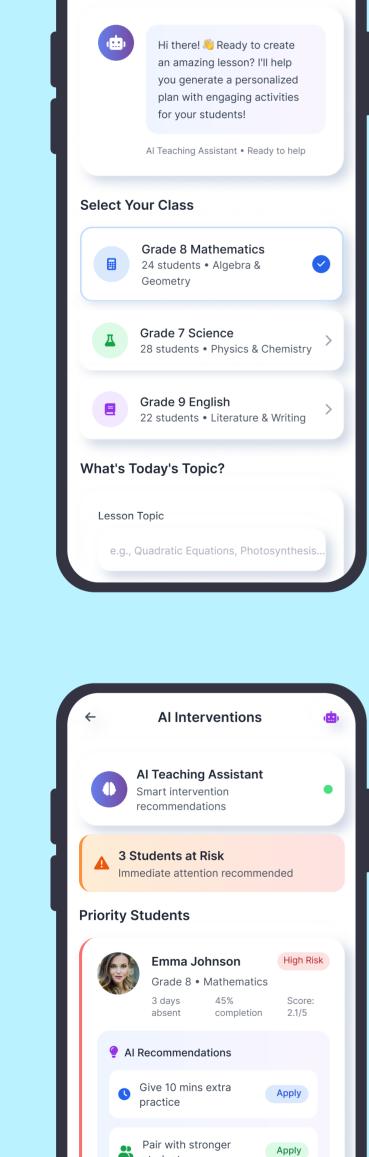
Al Lesson Planner

Send Check-in

Emma Johnson

Grade 8 • Mathematics

Below are the final high fidelity screens that went through several iterations



student

1 day

absent

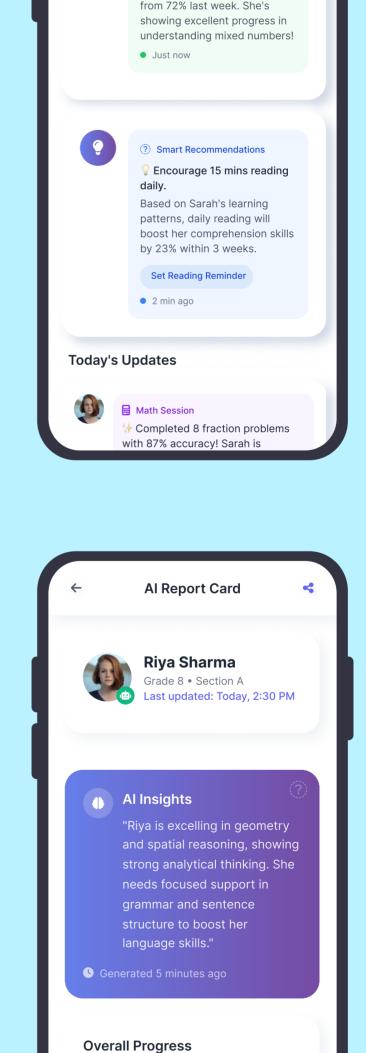
Implement All

Marcus Chen

Grade 8 • Mathematics

completion

Score:



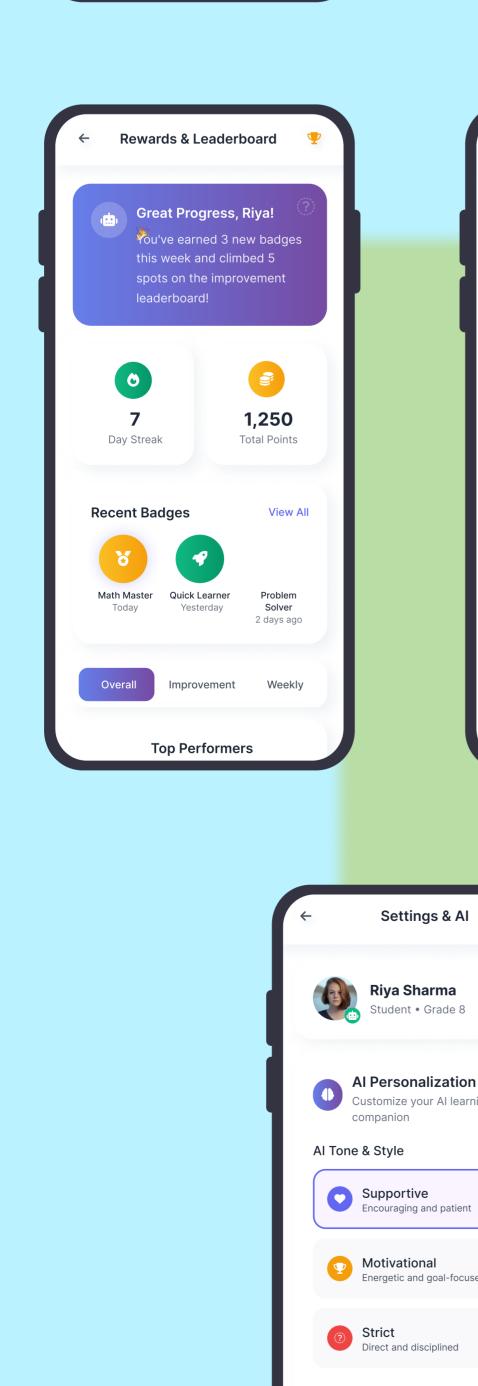
78%

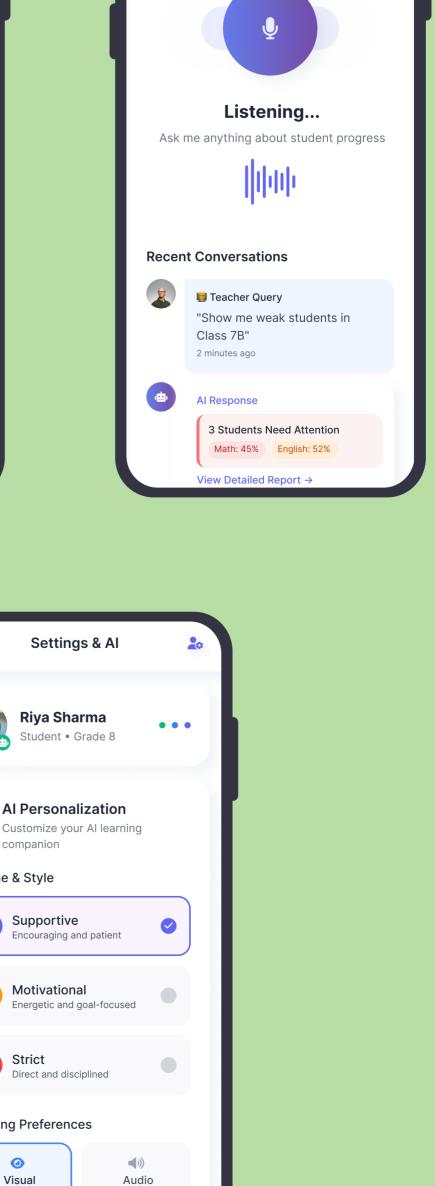
B+ Above Average Performance

AI Voice Assistant

Mrs. Sharma

100%





Hands-on Reading

Learning Preferences

0

Final Thoughts

LearnSphere AI was more than just designing screens — it was about reimagining how schools,

teachers, parents, and students can connect through AI. By treating AI not as a replacement, but as a

supportive co-pilot, we built an ecosystem that makes learning personalized, teaching smarter, and KEY CONCLUSIONS:

parenting easier.

- Personalization Works: Adaptive learning paths and AI nudges helped reduce student drop-offs and boosted engagement.
- Teachers Need Simplicity: AI lesson planners and intervention suggestions saved hours of manual work, letting teachers focus on teaching, not admin. • Parents Value Clarity: Simple Al-generated reports increased parent trust and made them active partners in learning.
- a shared space where progress is visible to all. • AI + UX = Future of EdTech: The project proved that when AI is embedded with empathy and usability, it doesn't feel intimidating — it feels empowering.

• Ecosystem > App: The biggest win was designing for all personas in one connected flow — creating