

Enhancing Classroom Engagement: A Multifaceted Tool for Managing Attention Difficulties

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Motivation

 **ADHD** affects classroom **performance**

 **Limited** teacher-parent **collaboration**

 **Lack of** **personalized** interventions

 **No unified** platform for **stakeholders**

Our platform **bridges this gap** by translating diagnostic findings into **personalized, actionable interventions**.

Our Solution

- **Cross-platform** accessibility
- **Role-specific** interfaces
- **Real-time** collaboration
- **Personalized** recommendations

Built on NODUS ADHD diagnostic system

Delivers tailored, non-pharmacological recommendations across home, school, and daily routines

Target Users

 **Teachers**

Task assignment, behavioral assessment, connection with parent.

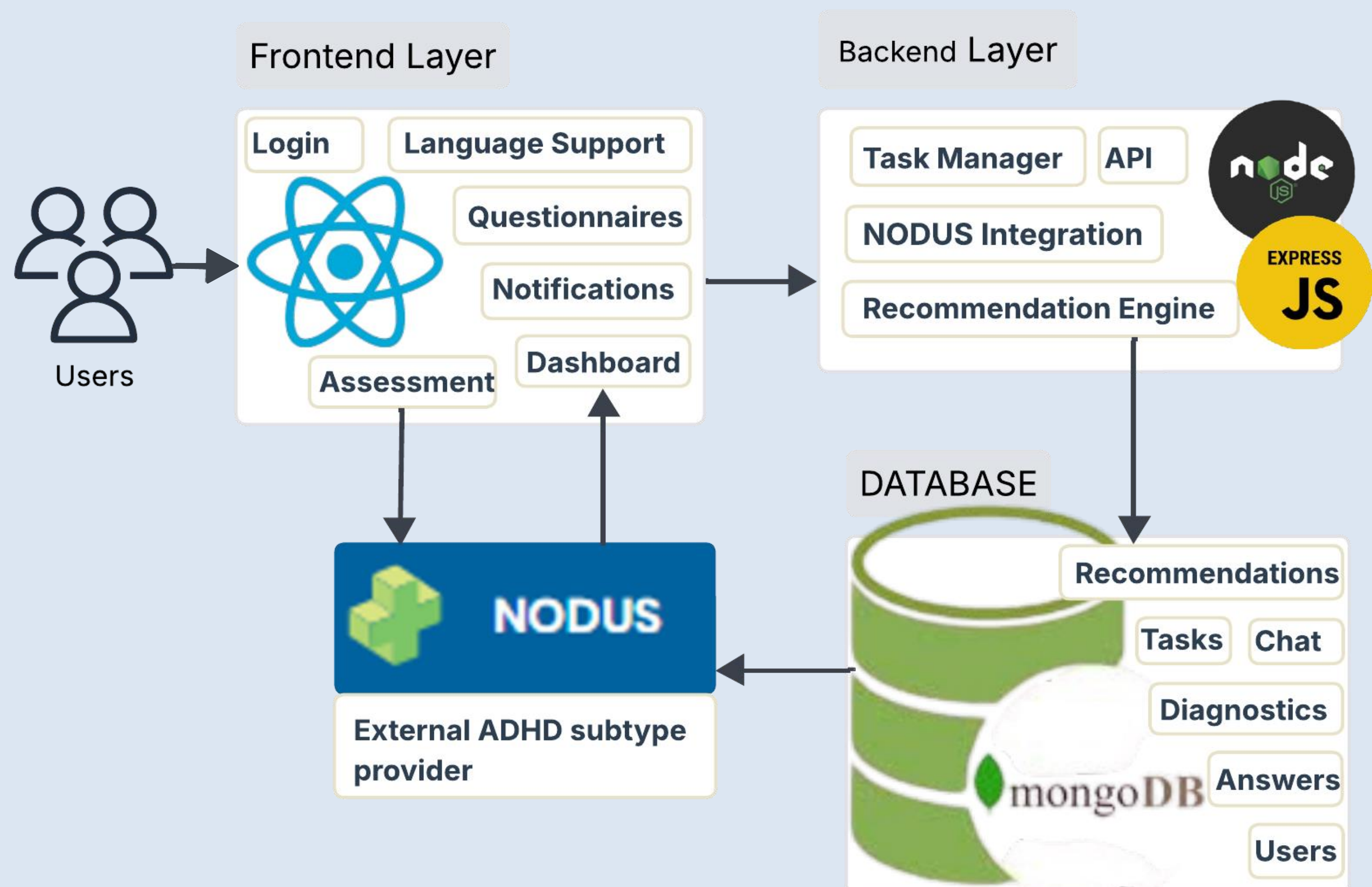
 **Parents**

Home support, communication with teacher.

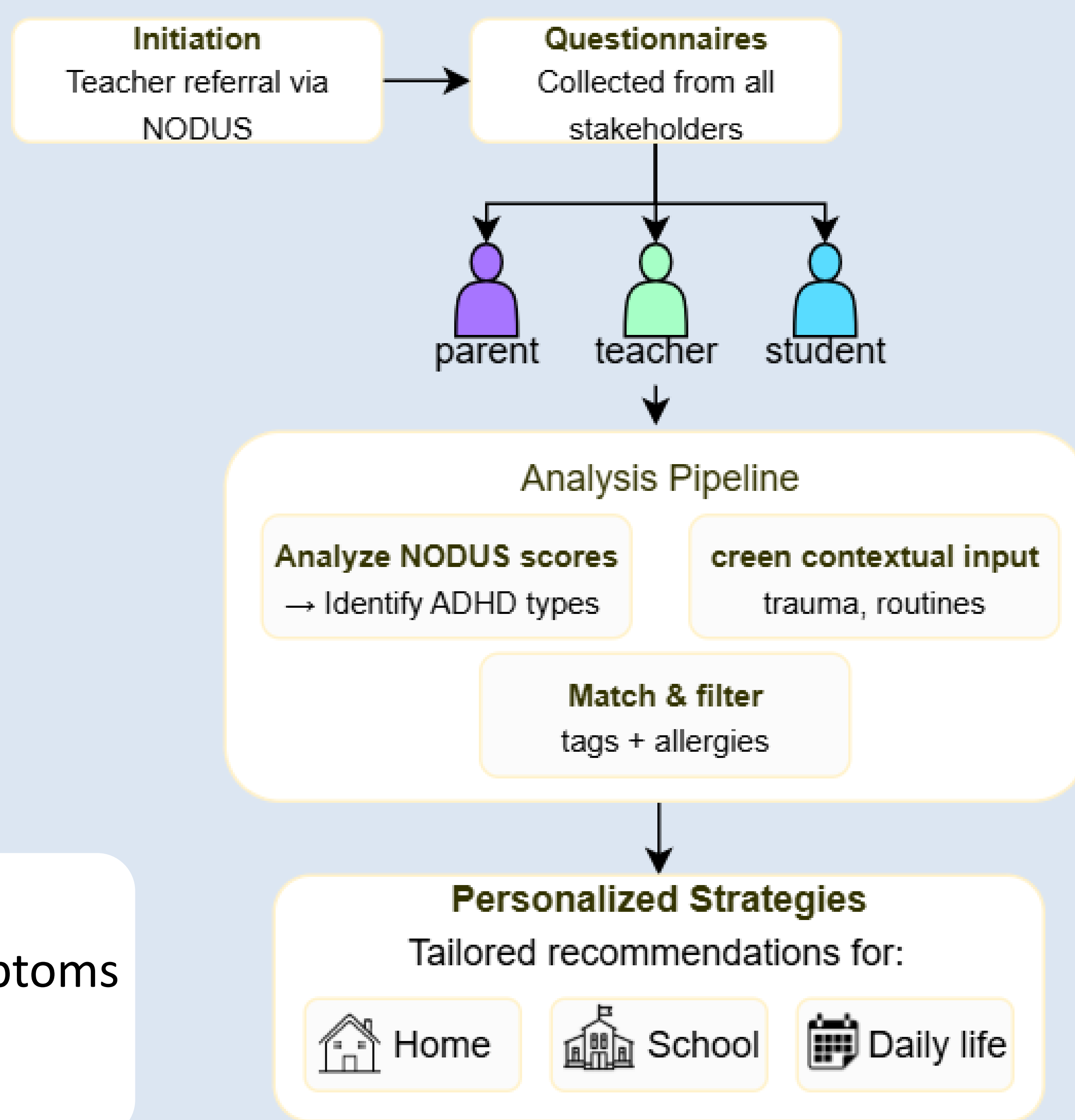
 **Students**

Daily tasks, time extension, recommendations.

System Architecture



System & Recommendations Workflow

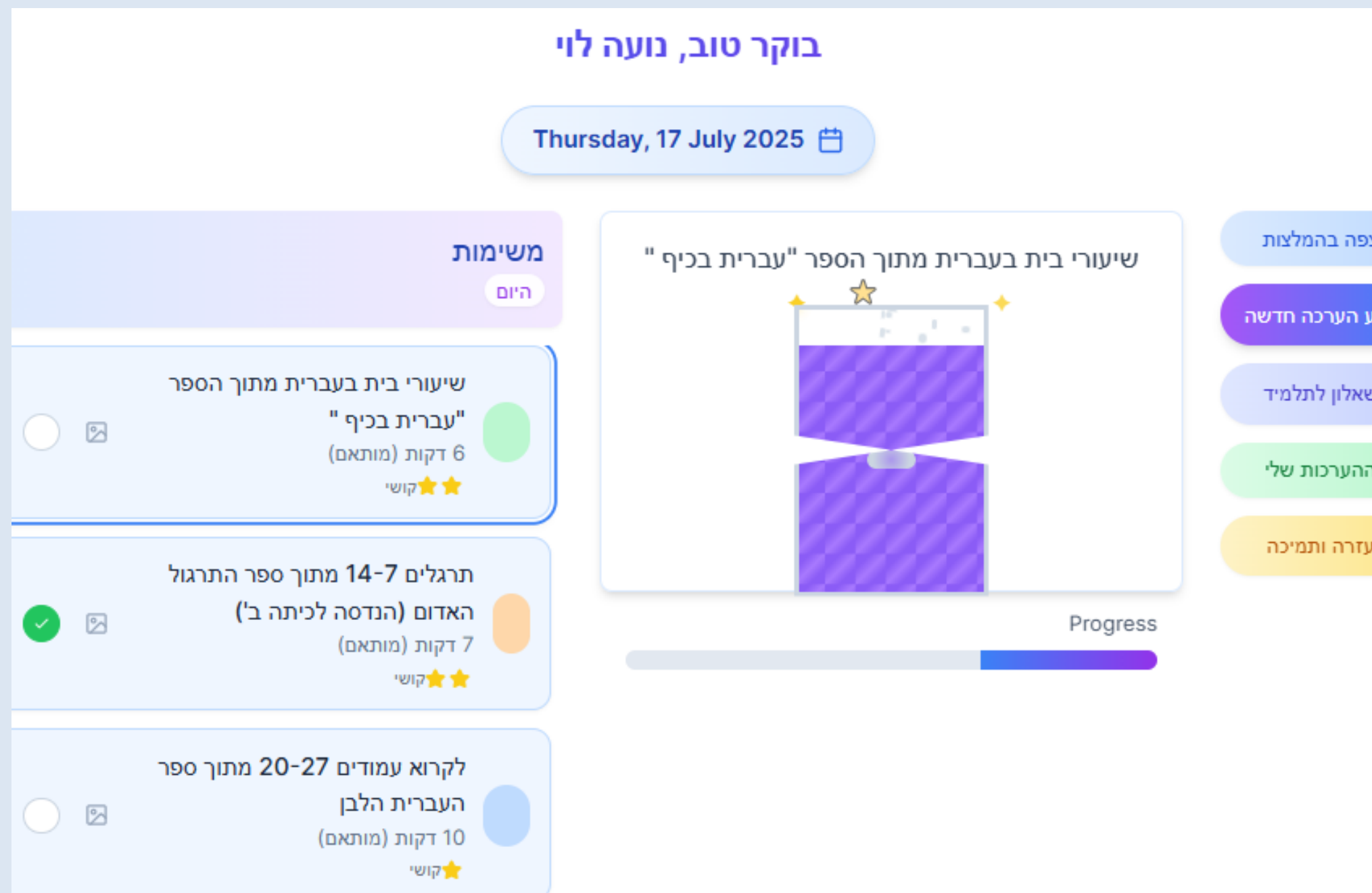
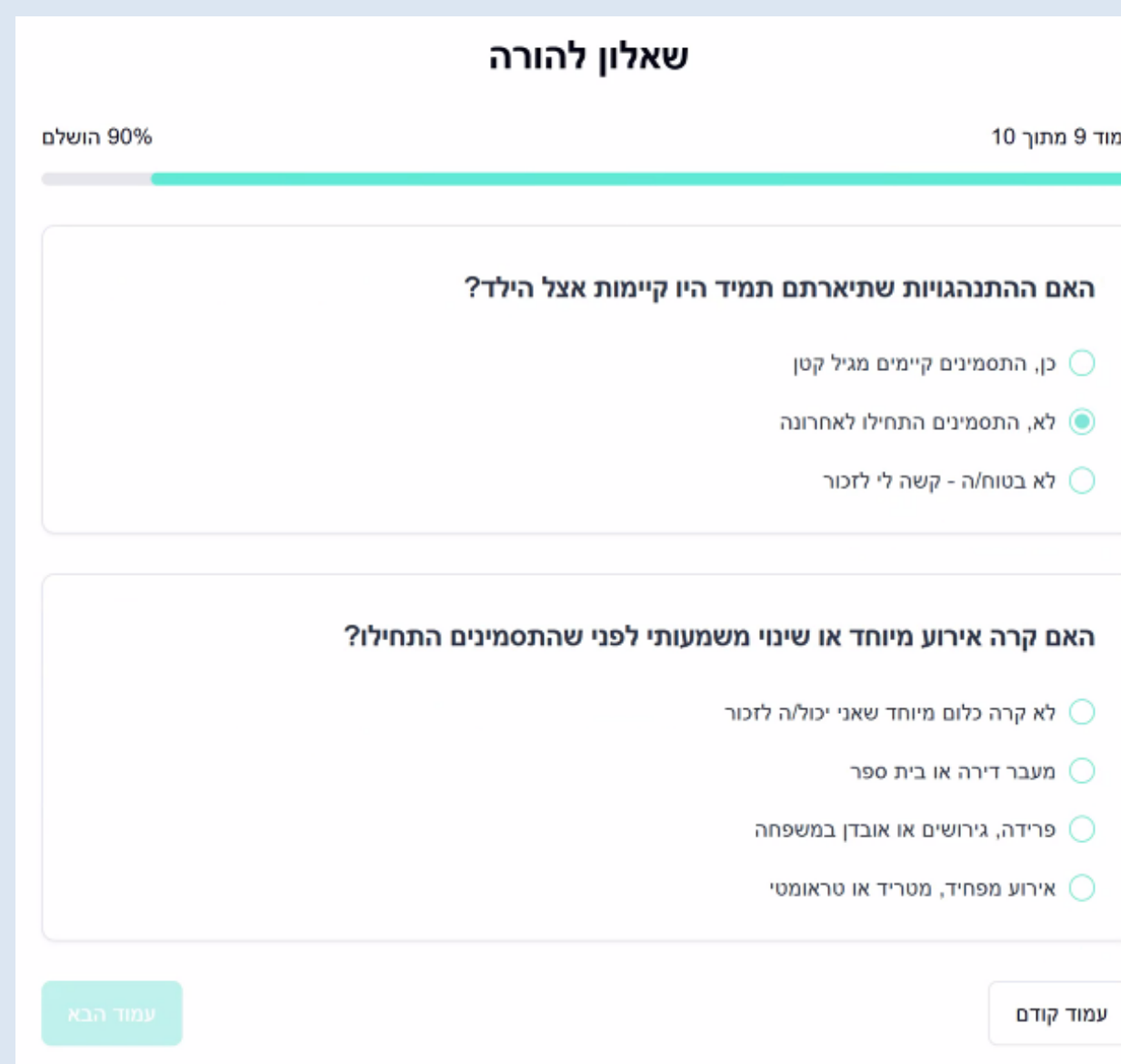
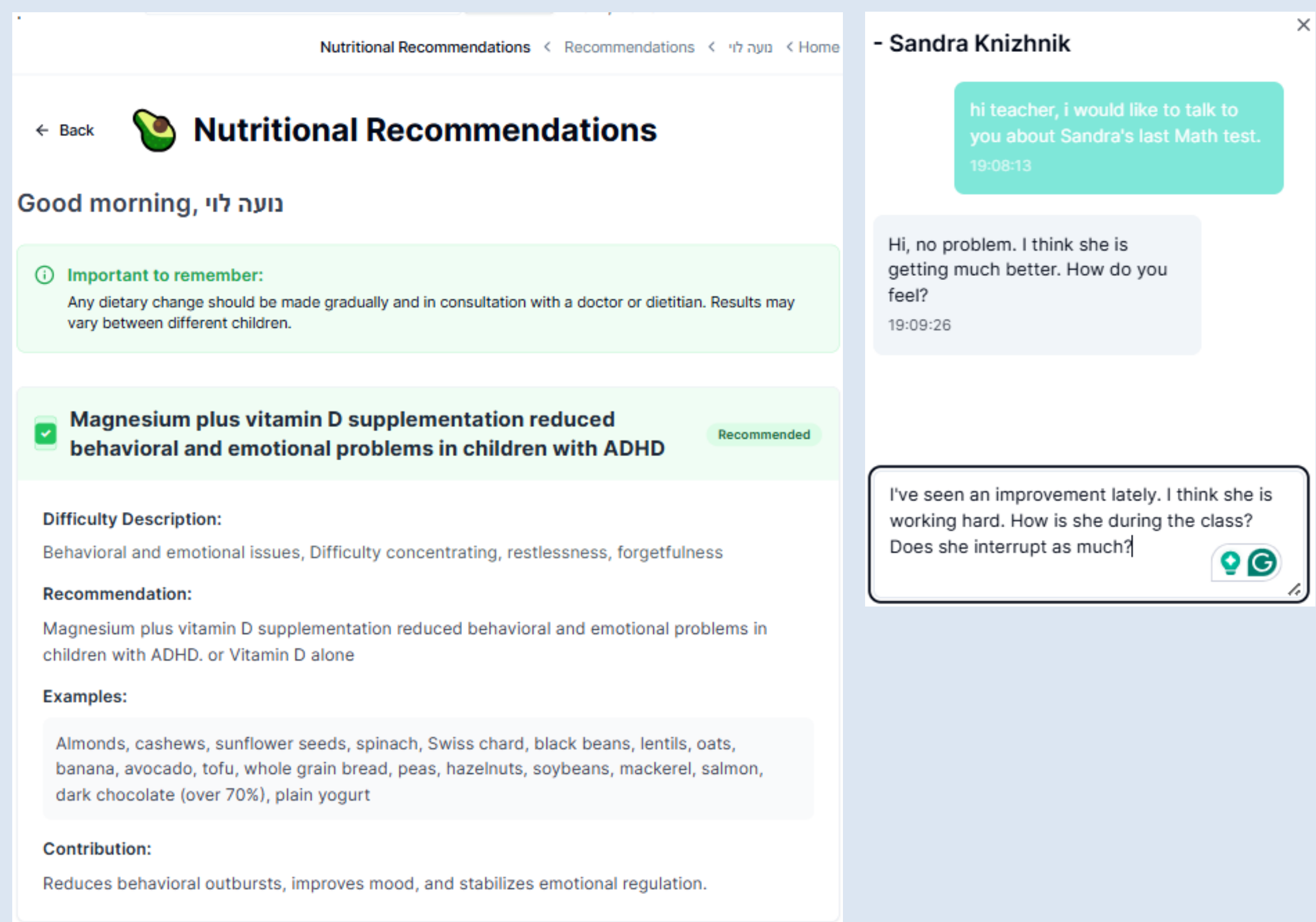
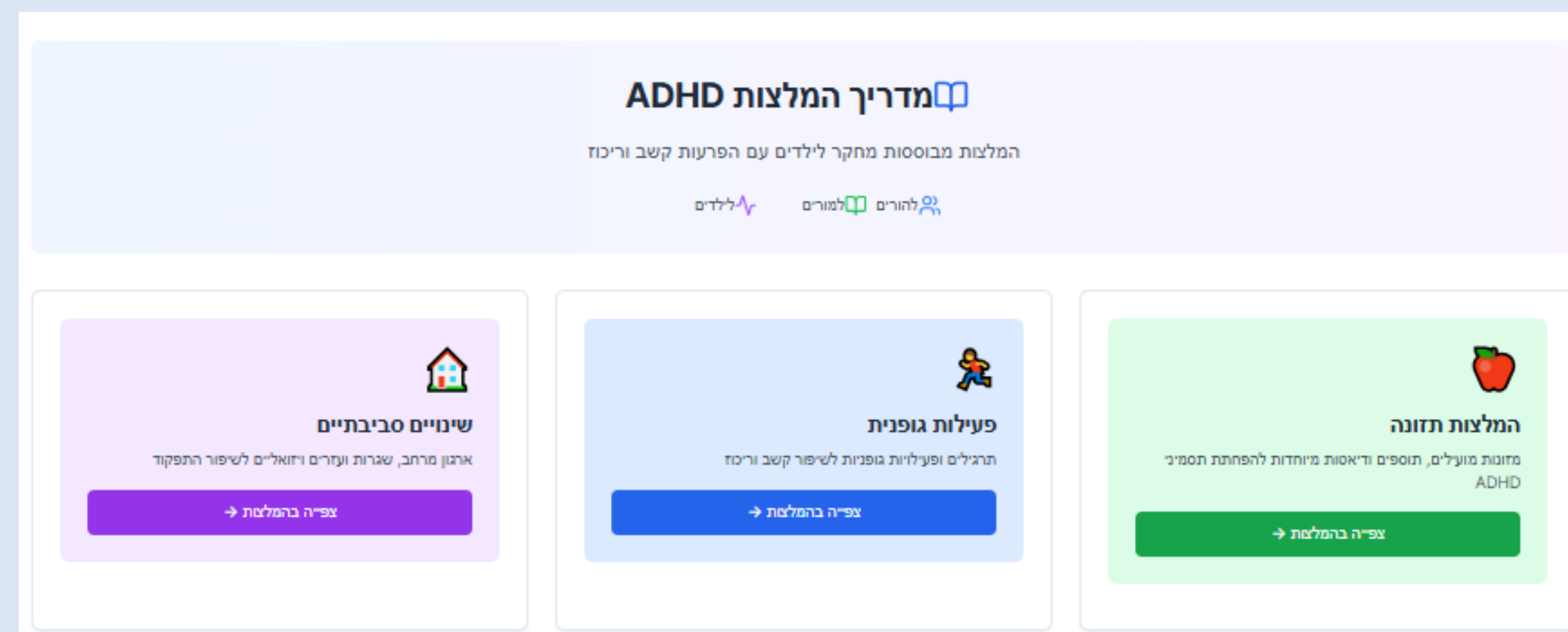


Expert Insight: Liora Gaz

Neurofeedback Specialist & Teacher Training Expert

"Not all attention issues equal ADHD. The key is bridging symptoms with environmental context to provide truly effective interventions."

Main screens application



Usability Evaluation - SUS Results

Score: 83.75 → Good usability

- Add visuals to recommendations
- Let teachers track progress & schedule
- Increase parent involvement

Question	Type	Adjusted Score
1. I would like to use the system frequently	POSITIVE	3.5
2. I found the platform very confusing	NEGATIVE	2.75
3. I thought the system was easy to use	POSITIVE	3.75
4. I think I would need tech support	NEGATIVE	3.5
5. The different features integrated well	POSITIVE	4
6. I noticed inconsistent recommendations	NEGATIVE	2.25
7. Other people would learn this quickly	POSITIVE	4
8. I found the platform very slow	NEGATIVE	3.75
9. I felt confident navigating	POSITIVE	3.75
10. I needed to learn a lot first	NEGATIVE	3.75
Total Adjusted Score: 35.0 Final SUS Score: 83.75		