

Project Overview: Maryland's Online IEP

Individualized Education Program (IEP)

Scale: 100,000 Students and 10,000 users

Partner: Johns Hopkins University, The Center for Technology in Education

No.Inc partnered with Johns Hopkins University's Center for Technology in Education to create the user interface design of the Maryland IEP system. The system is used to manage, plan, and document the Individualized Education Program for special education students. Multiple user roles (case managers, administrators, specialists, teachers, and parents) utilize the system in classroom environments, administrative planning sessions, and during IEP meetings.



The Challenges

- Support several user groups with varying goals and tasks
- Make it easy enough to minimize significant classroom training
- Accommodate advanced and beginner users equally

Our Approach

- Audit usability of existing system
- Use case and task flow development
- Wireframe prototyping and design
- Develop high fidelity prototype and design
- Produce template
- Build in user flexibility to accommodate experienced and new users

The Results

- Reduced errors and improved troubleshooting due to accurate mapping of workplace terminology to interface elements
- Sleek, modern, and thoroughly professional UI design

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Case Management

The screenshot shows the 'Case Management' interface for Kelly Williams. At the top, there is a search bar for 'Enter first name, last name, or ID' and a 'Lookup Students' button. The user 'patsmith27' is logged in. Navigation tabs include 'Students', 'Monitoring', 'Meetings', 'Reports', and 'Administration'. The 'Meetings' tab is active, showing 'Scheduled IEP Team Meetings' for Kelly Williams. A list of meetings is displayed, each for 10/03/2013 - 12:00pm in Room 405, with 'Send Notifications' and 'Edit Meeting' options. A '+ Schedule an IEP Meeting' button is also present. On the left, a profile for Kelly Williams is shown, including her service school (Adelphi Elementary School), case manager (Joan Blimore), parents (John Williams and Tanya Williams), grade (5), and date of birth (9/6/2002). Below the profile are 'PLANS' (IEP, IFSP, ECAS) and an 'IEP Team' section with an 'Add a Team Member' button.

IEP Goals

The screenshot shows the 'IEP Goals' interface for Kelly Williams. It features a 'Service Plan/Status Report' with an 'IEP 10.0' score. A 'Goals' dropdown menu is visible. A form asks 'How will the parent be notified of the student's progress toward the IEP goals?' with a 'How often?' dropdown set to '(frequency)'. Below the form are 'Save' and 'Clear Form' buttons. A '+ Add a Goal' button is also present. Two goals are listed: 'Academic (1)' for 'Written Language Expression' (Achieved 04/02/2014) and 'Behavioral (2)' for 'Self Management' (Making sufficient progress 04/02/2014). Each goal has a 'Track Progress' button.

Performance Summary

The screenshot shows the 'Performance Summary' interface for Kelly Williams. It features a 'Service Plan/Status Report' with an 'IEP 10.0' score. A 'Performance Summary' dropdown menu is visible. A form asks 'Is the student limited English proficient?' with 'Yes' and 'No' radio buttons. Below the form is a table for 'PARCC' performance on 'English Language Arts/Literacy', 'Mathematics', 'Algebra I', and 'Geometry'. The table has columns for 'Grade', 'Score', 'End of Year Assessments (EOY)', and 'Bridge Plan Participant'. Each cell contains a dropdown menu for selection.