

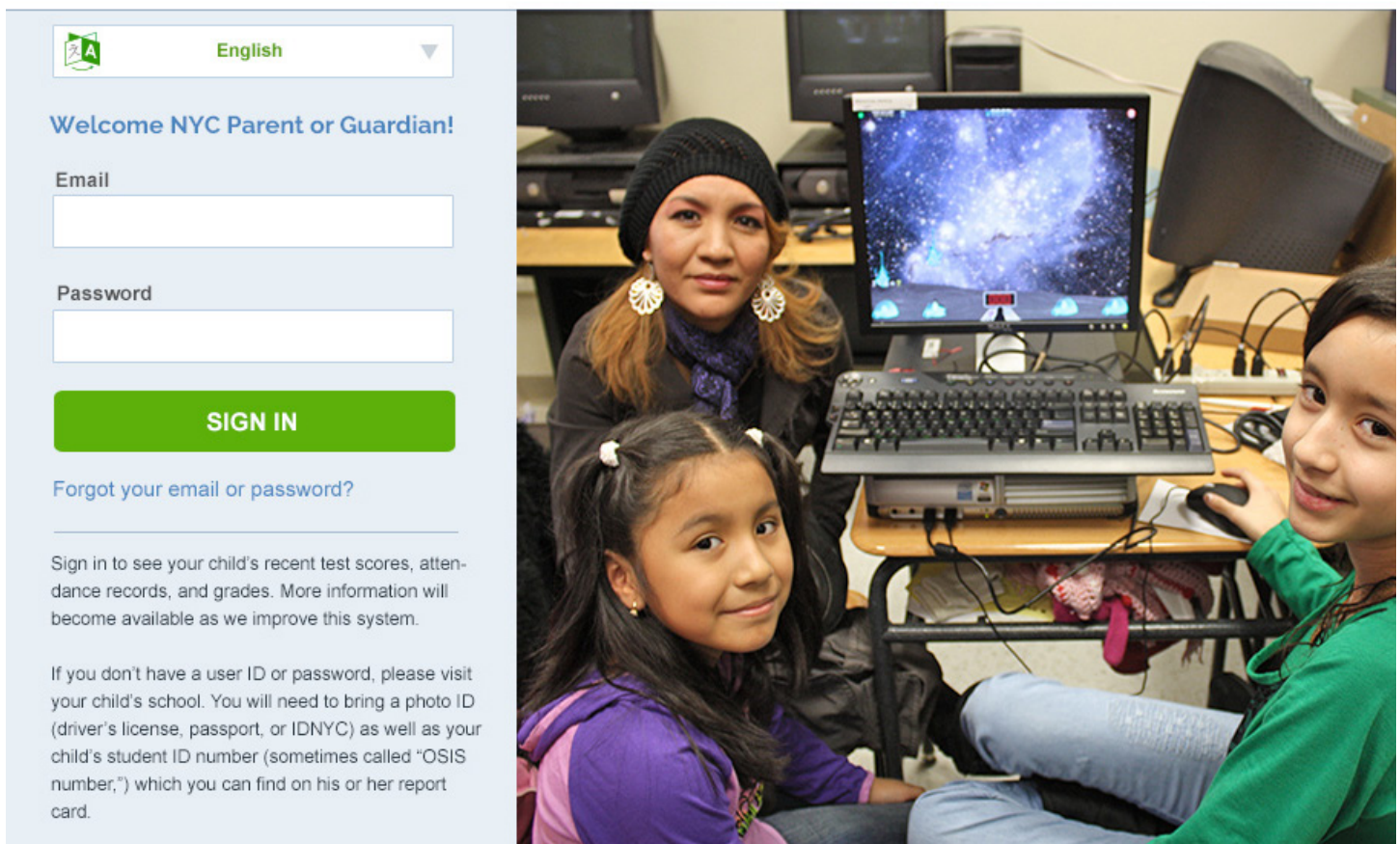
NYC DOE The student tracker app New York City Schools Account (NYCSA) case study

PROJECT

Create the first responsive application for the New York City Department of Education (NYC DOE) to track student's progress. Provide a full view of a child's profile including attendance, schedule, grades, health and test scores. The app must extend these features to teachers, school administrators and parents.

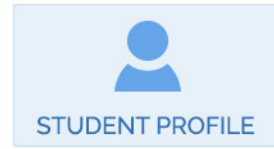
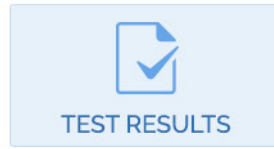
MY ROLE

- Use the design thinking process
- Learn about the users (parents/teachers/school admins)
- Attend user interviews and identify needs/pain points
- Work with stakeholders to establish how to solve identified pain points
- Work with writers to generate and illustrate process and flow
- Create user journey and develop responsive wireframes
- Test with user group and iterate
- Illustrate and design the entire experience



USER JOURNEY

Build an experience where parents, teachers and administrators can easily navigate through areas of interest.



WIREFRAMES

Create an interactive experience of 60 plus pages in three screen sizes in Axure then in HTML.

Log Out

Sandy L. Smith
[Change Student \(Home\)](#)

Attendance

Updated at 4PM daily

	Current Marking Period	School Year 2014-2015
Days Absent	2	12
Days Late	10	30
% Present		79%

Dates Absent (School Year)
10/2, 11/15, 12/10, 1/10, 1/19, 3/2, 4/4

Suggestions
Privacy Policy
Terms of Use

© 2015 The New York City Department of Education

Log Out

Sandy L. Smith
[Change Student \(Home\)](#)

Grades

Marking Period 1	
Marking Period 2	
Marking Period 3	

Teacher/ F. Garcia	Grade
ELA 1	4
Lorem ipsum dolor sit amet, consectetur adipiscing elit.	
Math	4
Lorem ipsum dolor sit amet, consectetur adipiscing elit.	
Geography	3
Lorem ipsum dolor sit amet, consectetur adipiscing elit. Donec sit amet dui pretium, laoreet lectus vel, venenatis dui. Nulla facilisi. Phasellus eget urna luctus lectus volutpat viverra vitae at justo. Duis a dapibus nibh. Vestibulum sagittis pellentesque accumsan. Nam aliquet euismod interdum. Aliquam commodo ac justo eu scelerisque. Praesent sapien enim, dignissim non massa vitae, commodo placerat ligula. Cum sociis natoque penatibus et magnis dis parturient montes, nascetur ridiculus.	
Social Studies	3
Lorem ipsum dolor sit amet, consectetur adipiscing elit.	
Final Marking Period	

Suggestions
Privacy Policy
Terms of Use

© 2015 The New York City Department of Education

Log Out

Sandy L. Smith
[Change Student \(Home\)](#)

Assessments

Regents Exam	Date	Score
English Language	January 2015	85
Earth Science	August 2014	75
Geography	January 2015	85
Geometry	January 2015	75

Grades 3-8 Tests	Year	Level
English Language	2014-2015	3
	2013-2014	3
Math	2014-2015	2
	2013-2014	2
Science	2014-2015	4
	2013-2014	3

Suggestions
Privacy Policy
Terms of Use

© 2015 The New York City Department of Education

Log Out

Sandy L. Smith
[Change Student \(Home\)](#)

Student Profile

Student
Sandy L. Smith
ID 788009995
500 Broadway Ave #8
New York, NY 10012
212-799-9080

Parents/Guardians
Sophia J. Smith
500 Broadway Ave #8
New York, NY 10012
212-799-9080

School
PS 65 The Little Red School House
212-682-0500
8:15am - 3:15pm

Suggestions
Privacy Policy
Terms of Use

© 2015 The New York City Department of Education

VISUAL DESIGN

Illustrate and design the entire responsive app experience.

The screenshot shows two views of the NYC Department of Education app. The left view is a user selection screen with two user cards. The right view is a grades overview screen for a student.

User Selection Screen:

- Header: NYC Department of Education
- Welcome, Steven Smith
- User Card 1: Sandy L. Smith, ID 788009995, PS 65 Little Red School, 6th Grade. **SELECT** button.
- User Card 2: Scott J. Smith, ID 590078673, Brooklyn Technical High School, 12th Grade. **SELECT** button.

Grades Overview Screen:

- Header: NYC Department of Education
- Navigation: ATTENDANCE, **GRADES**, TEST RESULTS, STUDENT PROFILE
- Welcome, Steven Smith | Manage My Account | Log Out
- You're viewing Sandy L. Smith | Change Student
- Section: Grades
- Table with columns: Marking Period, Credits, Grades.

Suggestions | Terms of Use | Privacy Policy
©2015 The New York City Department of Education

The screenshot shows the attendance overview screen in the NYC Department of Education app.

Attendance Overview:

- Header: NYC Department of Education
- Welcome, Steven Smith
- You're viewing Sandy L. Smith | Change Student
- Section: Attendance
- Updated at 4pm daily
- Table with columns: 2014 - 2015, This Marking Period, School Year.

Suggestions | Terms of Use | Privacy Policy
©2015 The New York City Department of Education

NYCSA APP IN THE NEWS

Read more:

- New York Times
- NY 1
- NY Chalkbeat

OUTCOME

The student tracker app known as the New York City Schools Account (NYCSA) serves all NYC DOE students and is translated into the ten DOE supported languages. School admins, teachers and parents can view the following data:

- Attendance
- Enrollment history
- Grades
- Health
- Progress towards graduation
- Reading level
- Schedule
- Test scores
- Transportation information

PROBLEM/SOLUTION

This app replaces the Achievement Reporting and Innovation System (ARIS) which was only used by **3%** of NYC parents and cost the education system **\$95 million***.

* Source: time.com article