IE+
After our usability testing we decided to develop the system formally known as “Clip” into an app to be used on tablets known as IE+ in conjunction with a web portal. With the increase of technology usage in the classroom IE+ will facilitate streamlined data collection for busy teachers to communicate with parents.

**Task 1:** Allow parents and teachers to aggregate all IEP information so that it is easily accessible through eclectic situations and environments. Please note IE+ is for teacher usage. The IE+ web portal design incorporates Task 1 and 2 for teachers and parents.

**Step 1:**
View the home screen. View Accommodations” to see which students require specific accommodations.

**Step 2:**
Select student “J.D.” to view “All detailed student profile. Alternate shading was added to distinguish rows.
Step 3:
View current trackable goals for J.D. Enter that J.D. wrote a paragraph in 8 minutes.
Step 5:
After swiping right view recorded data that is synced to IDC platform.

Previous submitted goals view. Information is categorized by most recent so users can edit/delete submissions. Added help and settings buttons for more information.
Step 6:
View and track specific student accommodations. We changed the accommodations view format to be consistent with the goals view.
Task 2: Encourage IEP goals, objective, and student behavioral communication between parents and teachers.

Step 1: John Doe’s home page view.

Changes:
- We decided to standardize all of the colors. Choosing orange to not conflict with the red yellow green progress indicators.
- we removed colors from the progress bars due to confusion like 34% concern when the bar was red.
- changed the shapes of the progress indicators to be more indicative of the progress, star, circle, exclamation
- We decided instead of using the word note we would use the word conversation to describe the communication between IEP team members.
- we moved the + and - drop expanders to the left side of the goal progress section to be consistent with other applications.

Step 2: viewing more information for the goal JD is doing the worst in (clicked on the + sign next to literacy)

Changes
- we now have clear information the parent can read instead of deducing information from a second progress bar.
- We included a current assessment, previous assessment for short term context, and previous month avg for long term context.
Step 3: Clicking on info on top right on Goal box to view more infor about the goal.

Changes
- we added this ability to give the parent more context for the specific tasks of the goal.
  ex. Why does JD need to score under 7 min?
Step 4: press the plus sign next to the goal box to drop down graph

Changes
- added trendline of progress with color indicating if the trend is bad, moderate, good
- removed the colored dots from the graph to avoid confusion
- removed the weekly view and added a 3-month view for intermediate between month and year
- became very explicit with the concern notification at the bottom of the graph
- became very explicit with the suggestions. i.e contact the teacher
- added a small x in the top right of the graph to support another mechanism for closing
- added the ability to create a new conversation from the graph instead of navigating over to the notes area.
Step 5: Clicked Help at the top right because you didn’t know how to view information for a specific data point.

Changes:
- we added this view to clarify any confusing aspects of the data visualization and navigation.
Step 6: Parent starts a conversation with Mrs. Green about the Literacy goal of concern. Parent clicked on either of the two “Create new conversation” buttons. Parent wrote the correspondence and clicked post.
Step 7: Click on the most recent data point

Changes:
- ability to click on a data point to access more information about it, such as the teacher and accommodations provided. Note: all of the information provided is currently tracked by the teachers IE+ tracker.
Step 8: View the most recent scores in Social. Close literacy expansion and expand social one section. Note: the conversations on the left change to match the appropriate category you are currently looking at. Here they changed from Literacy to Social.
Step 9: View the most recent scores in Math. Close social expansion and expand Math one section.
Step 10: An alternative way to create a new conversation with IEP teacher about the Goal John Doe is currently doing the worst in. The parent Click on the new conversation button in left hand Conversations pane.
Step 11: click on the to field
Step 12: select the IEP teacher
Step 13: click on tags and select goals
Step 14: Select Literacy
Step 15: Select write a paragraph in under 7 minutes
Step 16: The goal progress views opens up to the corresponding page so the parent can easily reference the information. The parent write the correspondence and then clicks post.
Step 14: task complete