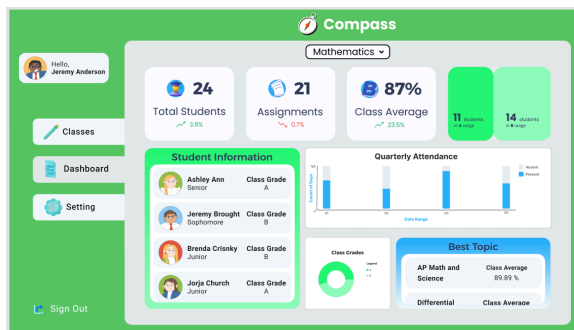
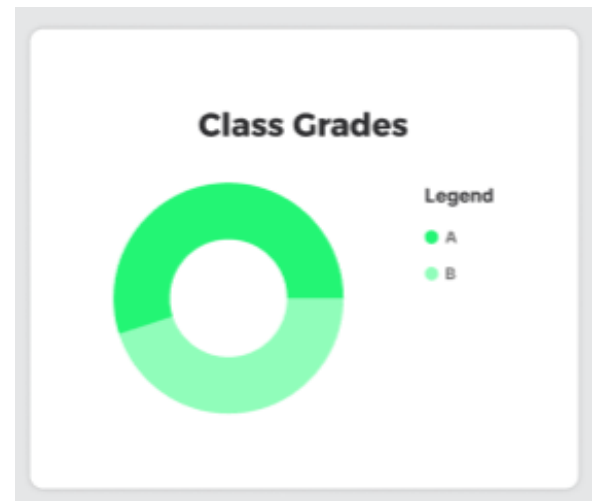


**Summary:** This is a user-testing report for the prototype of *Compass* from the Assistant Director of the Tenzer Center. To maintain privacy and confidentiality, this user will be referred to under the pseudonym of “Sam.” Overall, Sam praised the prototype of *Compass* for its intuitive user interface (UI) and its proper communication of high-level information. However, they advised considering how data sources will be conjoined to *Compass* and to *decrease* the visual repetition of certain information.

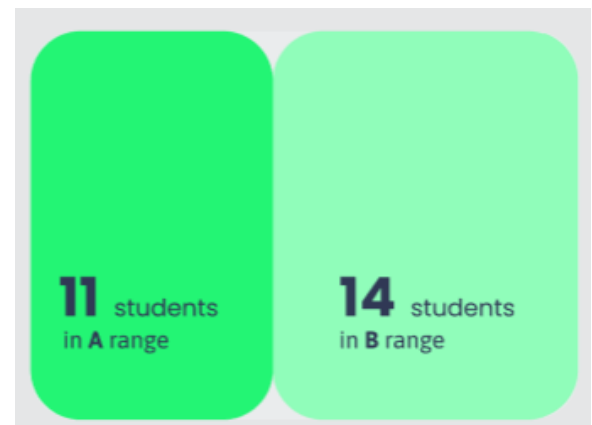


**Figure 1** - Compass prototype of “Teacher View.”

Sam is a 28-year-old, non-binary Assistant Director at the Tenzer Technology Center. Though their responsibility lies in Tenzer, Sam occasionally assists teachers or orchestrates class activities. They define their relationship with their student employees as casual and encouraging, stating that they want to create an environment where it is “Safe to fail.” It is extremely important that students learn over time, and that they (the students) maintain respect with Sam in this process. As a supervisor, they sometimes find it challenging to strike the balance between administrative and approachable with her employees. One way they achieve this is through written expectations and testing of projects; this allows for accountability on both the student worker and administrator. Sam embodies the ideal user of *Compass*, an educator who wants to help students grow in their skills.



**Figure 2** - Class Grade Distribution.



**Figure 3** - Grade Distribution by Students.

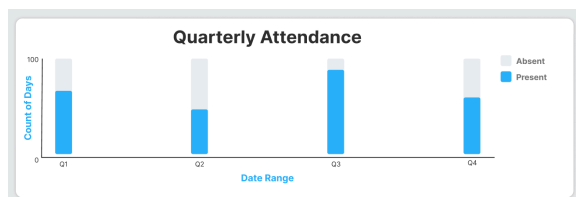
When interacting with the prototype, Sam provided positive feedback on the color palette, icons, and the statistics/summary of data provided. However, there Sam noted that the vibrant green used could impair the experience of color-blind users, like Sam’s parent, who is also an instructor. The least

appealing feature from the prototype was the redundancy of information presented on some graphs, namely Figure 2 and Figure 3.

scheme, and lastly, further exploring the logistics of implementing “topics” (Figure 1).



**Figure 4** - Compass' prototype “Student View”.



**Figure 5** - A bar graph showing the quarterly class attendance.

In the student view (Figure 4), Sam favored the use of pronouns attributed to the student sprite and the detailed breakdown of assignment details (e.g., *assignment name, grade, or late submission*) shown in the table. Once more, the high-level visualizations were identified as easily digestible. In terms of user experience, *Compass* was graded as intuitive, digestible, and learnable. The UI's design was favored for being simplistic and minimizing the need to scroll. Recommendations for improvement included refining the attendance visualization to be more digestible (Figure 5), including a visual in the “Student View” that displays student performance over time, refining the color