

- Using data from prior weeks' color theory research, we created 30 palettes as options for our final application's design
 - Since a lot of our research veered towards purple for its symbolism, we centered our swatches around purples while also experimenting with complements and other motifs
- These palettes were tested with 7 users. We asked each user to rate the palette on a score of 1 to 10 and to give an adjective they would use to describe the palette
- We congregated the averages of each palette to rank them then chose our final palette based off of the top 3 highest ranked ones
 - The highest ranked palette, with an average score of **7.14**, was not used. This is because we tested with a professional graphic designer and art educator who current works in the field, and they responded that the palette could easily become boring or repetitive
 - The 3 palettes tied for second place all had a score of **6.86**, only **0.28** lower than the highest ranked palette
 - Palette #4 was also not used because we tested with a user that has Deuteranopia and they found that palette to be hard to see
 - Between the final 2 palettes, we ended up choosing the one that included purples because they connected with our earlier research on the bipartisan nature of the color purple
- We used our final color palette choice to also lead us in creating a secondary color palette for smaller interactions in the app, such as notifications, links, and task completion. We felt that this would also help break up the monotony of the app and add variation to stop it from becoming too repetitive
 - The secondary color palette compliments the purples and oranges that we tested through our research.
 - Finally, the secondary color palette gives each color in that category a role, like green typically indicates success and moving forward after completing a task.