Gchat Visualization

For this visualization, we plan to visualize conversations on gchat. We are trying to compare the time of day you chat with people, as well as the length of the conversation in words and time. To do this, we will scrape our email again for the chat data.

- **Time:** The time represented on our visualization is for one day, 24 hours. The user can see the time in which they messaged the 10 people they chose to visualize. The user can select to see different days through the calendar button next to the time bar to give them a better idea of if what they see is a trend or just an irregular occurrence.

- **Length of bar:** The length of the bar represents the time from which you started a conversation to when you ended one. A person can have multiple bars per day if they have multiple conversations with that particular person.

- **Thickness of bar:** The thickness represents the amount of lines of text that are present in the chat. Google returns this value in the subject header. If you had a conversation and there was a lot said, the bar would be thick. If not much was said, it would be skinny.

- **Color of bar:** The color of the bar corresponds to the user. Each user is randomly assigned a color and the user can find what color represents who on the right side of the page, as seen in figure 1. The colors will be selected from a selection of colors that complement each other well. In the future, a user may be able to select colors to represent their users, to personalize the visualization, but for now it’s random.

We hope to see from this visualization if there is a particular time of day you talk to certain people or if you have conversations at random times of the day. Also, you may talk to some people more than others and this will show up as probably a thicker line. We expect a long skinny line to be someone you may be asking random questions to, like on a hw. As you are working, you may ask something quick and then later come back for more questions. In Figure 1, Katey Barr (in orange) is what we think may represent this at around midnight. However, somebody like Ben Heck at 12:00pm could be a quick check up on a meeting time or a short question. It doesn’t last long and there isn’t much text.
Figure 1: Gchat visualization