Elapse is your time, visualized.

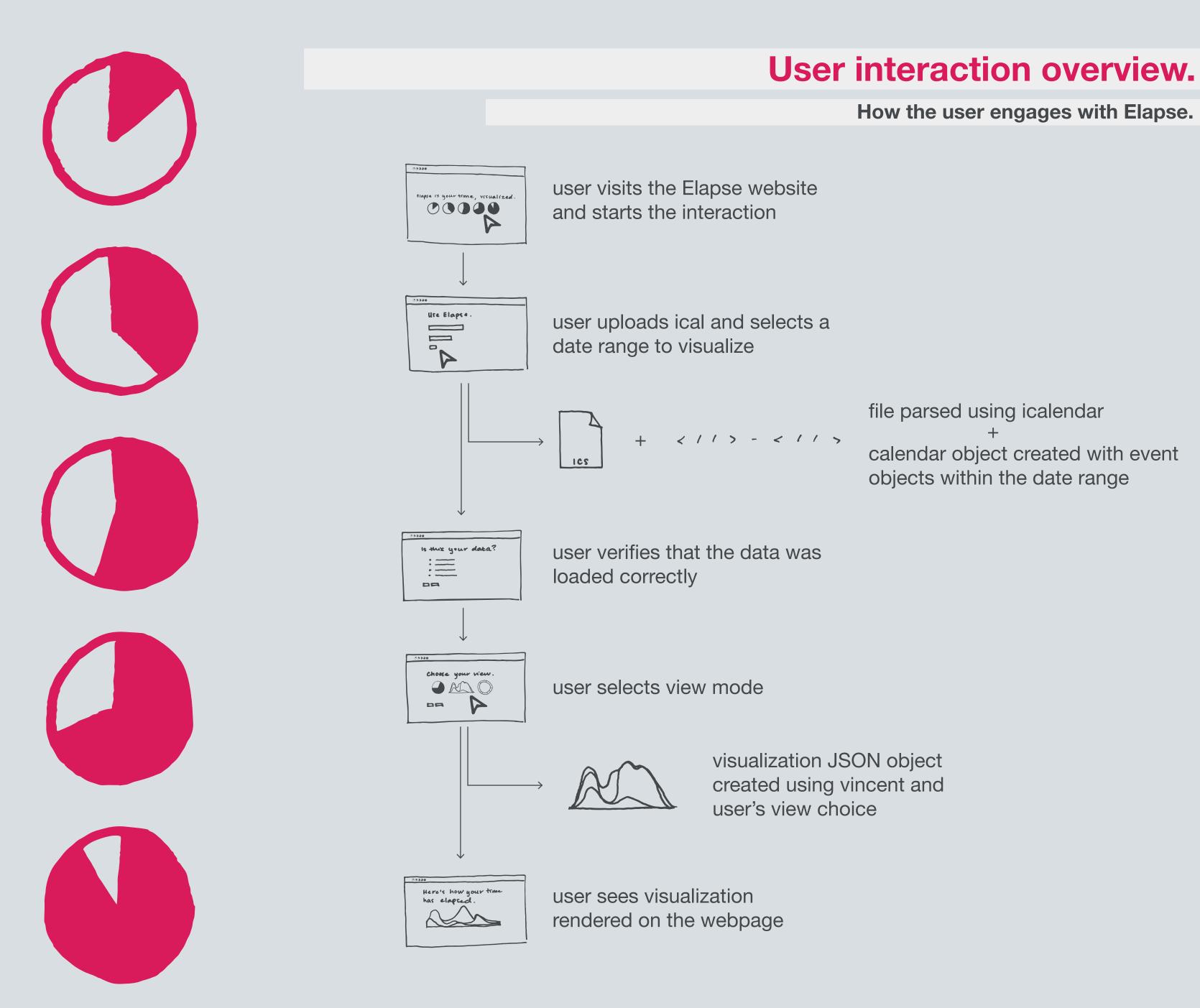
Software Design Spring 2016 // Gaby Clarke + Alex Hoppe

Data visualization + web development

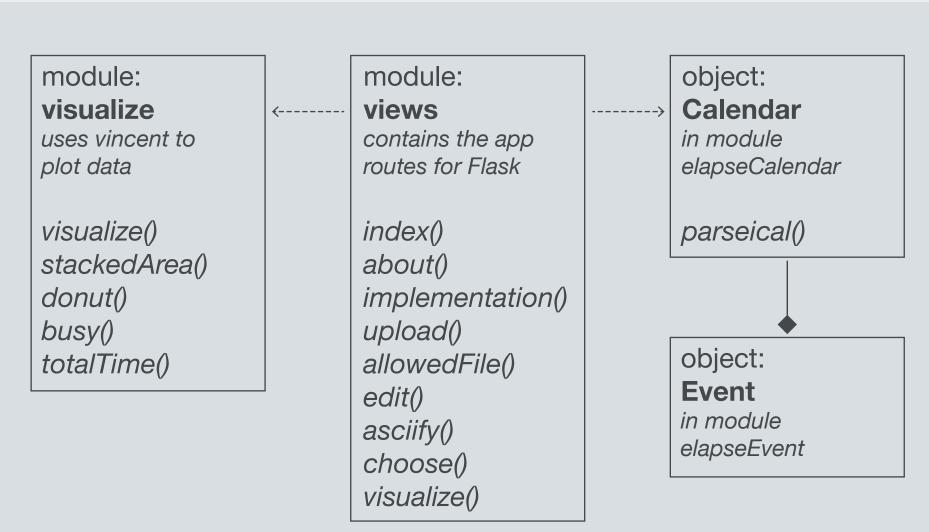
When selecting a final project topic, we wanted to do something involving visual design or data visualization, and we were both interested in learning how to develop for the web. We decided that a webapp which allowed users to visualize how their time is distributed suited our interests well, and is also relevant to the life of the overbooked Oliner.



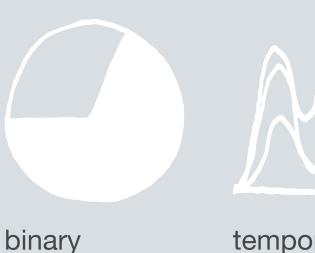




Programmed in Python using icalendar and vincent, webified using Flask, Heroku, and Bootstrap.

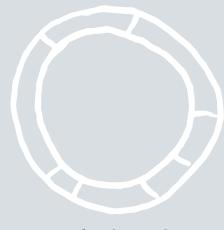


Elapse is a Flask app hosted on Heroku. In Python, we use icalendar to parse .ics files, and then store their data as Event objects within a Calendar object. The data is visualized using vincent, a plotting library that generates a JSON object, which we render in an HTML template.



busy/unbusy

temporal time distribution



cumulative time distribution