To see a live version visit: <https://practiceschedule.shinyapps.io/Scheduler/>

I created this app as a second attempt to improve the scheduling situation for student employees in the call center. In my first attempt, I created an excel workbook with VBA which unfortunately did not allow for multiple simultaneous editing with the technology we were using.

This project was my first foray into R Shiny and web development and I learned a lot about JavaScript, HTML, and CSS while working through the problems I encountered. This was also one of my largest coding projects, with the total code approaching 750 lines.

For this project rather than using traditional database software; I implemented google sheets to store the data remotely. I did this because even though I have experience interacting with databases, my superiors and peers would need to access the data themselves, and google sheets provides a familiar interface for that purpose.

The product I created is not as polished as I would like, but it demonstrates how I was able to teach myself how to effectively use a new tool and provide a solution to a difficult problem.