**Group Members:** Tyler Bennett, Kevin Huang, Evan Michaels, Nicholas Brzoska

**Topic:** CPU Scheduler

The problem that our group would like to solve is a CPU scheduler. We are reasonably confident that by utilizing our knowledge of the various types of schedulers from lecture, as well as our programming skills, we will be able to implement an efficient emulator of a scheduler. Of course, the program will only be a mockup, as it will not be dealing with real tasks or interacting with a real operating system directly. However, we intend to create faux tasks that mimic the functionality of an actual CPU scheduler. We hope to implement this component in C because it is a familiar, low-level language which natively includes many functionalities that will be needed for building this project.