

CS 5004 - Spring 2021 - HW 9

Chengyuan Zhou, Elsa Tamara, Yannan Zheng, Zimeng Xie

For this homework, we used two different design patterns. First, is the builder pattern. We noticed that when you build a Todo item, you don't necessarily need to give all of the specifications, you can leave some specs undefined. So, this allows us to build an object with only the specs that are given. Second is the factory pattern. In order to produce "flags" that flag what commands the user gives, we use the factory design pattern in the FlagFactory class.