**Abdullah**

**Thomas**

**Tyler**

**Homework Schedule Design Idea**

**Professor Zhao**

**BCS 450 Capstone Project**

**Homework Class**

Homework had to be its own class to allow us to have multiple attributes for a single homework as well as have multiple homeworks. The Homework class has six private variables. These variables are the name of the homework, the due date of the assignment, the time the assignment was completed, the date the assignment was completed, the grade given to the completed assignment, and a simple true/false for whether the assignment has been completed or not. The Homework class also contains getters and setters for each variable to allow it the variables to be used externally. The majority of the use for the variables that are not the due date and the homework name comes from markHomeworkCompleted in main.scala but can of course be used in other methods.