Kevin Lopez

CIS453

11/8/21

Homework 7

Most Important Class: Appointment

Interactions with other classes (data exchange, calling methods, and sequencing):

1. Account
   1. Call getName() for both Barber and customer
      1. This gets the name of the barber and customer to the class appointment
2. Payment
   1. Call refund() if Barber or customer cancels appointment
      1. This calls the class Payment to refund to the customer
   2. Call chargeCard() once appointment is confirmed
      1. This calls the payment class to charge the customer
3. Rating
   1. Call askRating() when Haircut appointment executed is True
      1. This calls the post haircut rating prompt that shows up after an appointment is complete to rate each other on the experience
4. Barber
   1. Call getPrice() to show on the appointment
      1. This call gets the price of the appointment to show the customer how much they are paying

Content and format of Data:

* Boolean: Haircut appointment is set
* Boolean: Haircut appointment is executed
* String: Date of Haircut
* String: Time of Haircut
* String: Customer Name
* String: Barber Name
* Integer: Cost of Haircut

Methods of Class:

1. CancelAppointment()
   1. Method that cancels appointment
2. SetAppointment(date,time)
   1. Creates appointment on application
3. SendEmail()
   1. Used to send appointment details to both customer and barber