Software II Project Documentation

1. Username: “test” with password: “test” should already be created if not then click the create user button. Create test user button creates test user with username: “test” and password: ”test” of userid=1
2. Login Form alerts occur when there an incorrect username and/or password. The information can be printed in English if default language is English or Spanish if default language in computer settings is not English.
3. Clicking the login button and successfully logging in will create a timestamp record of the login in the file *LoginTimestamp.txt* located in the SoftwareIIProject folder.
4. Logging in will open the Customer Window which can be used to view, add, update or delete customer information.
5. Selecting a customer will populate the lower section which can then be edited/deleted and saved when you click the edit/delete button
6. An exception is thrown if the customerID or the Address ID is not numerical helping to prevent invalid customer data.
7. Clicking on the create/view appointments button will open the Appointment window where you can create, edit or delete appointments.
8. Above the appointment Table there is a “Month” button which will let you view the next 30 days of appointments. There is also a “Week” button which will change the view to the next 7 days of appointments.
9. When you click on an appointment it will populate the lower section where the data can be edited/deleted as needed.
10. There are exception controls and notifications in the add/edit/delete appointment buttons to avoid scheduling appointments that are outside of business hours or that overlap.
11. You can also click on the “Type Log” button in order to get the number of distinct types of Appointments over the next month(30 days). This information is logged in *AppointmentTypeCount.txt* located in the SoftwareIIProject folder
12. Below the “Type Log” button there is a Textbox that you can use to put in a userID (the consultant) then click the “Schedule” button to get the 30 appointment schedule for that consultant. This information is located in *ConsultantIDs.txt* which is also located in the SoftwareIIProjet folder.
13. Note: There are lambda expressions in the customer and appointment table listeners which makes the code shorter and more readable.