ENSE 370 Winter 2020 Final Exam Question 3C Response

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Use Case Name: Make Appointment

Summary: A User signs in and makes a test drive appointment via the car sales application console.

Actor: User

Precondition: The User selects the "make appointment" action on the Car Sales Console.

Description:
1. The Console presents a sign-in screen, prompting the User to enter their user ID and password.
2. The User enters the relevant information into the Console.
3. If the user-entered information is validated by the Car Sales Database, then the Console will present the user with the next step of their previously specified action.
4. The Console retrieves a list of available dates and times within the next two weeks from its Calendar and prints them for the User.
5. The User selects a date and time at which to book a meeting.
6. The Console adds this meeting to the Calendar and then deletes the slot from the list of available meeting times.
7. The Console displays a confirmation number to the User.
8. The Console prints the updated list of dates and times for the User in case they wish to book another appointment.
9. If the User selects another date and time, then Steps 6-8 are repeated.

Alternatives:
1. If the user-entered information does not match the credentials for an existing User in the Database, then the system will display an error message.
   a. If the error message has been displayed zero times or one time since the User invoked a function on the Console, then the User will be prompted to re-enter their ID and password.
   b. If the error message has already been displayed two times, then the user will be prompted to reset their password.
2. If the User selects the "Sign Out" button after booking a meeting, then the system returns to the main menu and logs the user out.

Postcondition: The User has successfully booked at least one test drive appointment.