

## CECS 323 Term Project Attribute Descriptions

Classes are designated in **bold** while attributes are designated without text formatting.

### **Address**

- StreetName: A StreetName is the name of the street in which a corporation is located.
- Number: A Number is the identifier that describes the corporation's location on a given street.
- ZipCode: A ZipCode is the identifier that describes the region in which a corporation is located.
- City: A City is a small area in which a corporation is located.
- State: A State is a subdivision of a country in which a corporation is located.
- AddressType: An AddressType is a specification that determines the purpose of the location.

### **Appointment**

- AppointmentDate: An AppointmentDate is the date for a future appointment.
- AppointmentTime: An AppointmentTime is the time for a future appointment.

### **BadBehavior**

- Date: A date is a point in time where a premier customer has not performed a required service.
- Reason: A reason is the description that explains why a customer has not performed a required service.
- PenaltyCost: A PenaltyCost is the price designated for an instance of a customer not performing a required service.

### **CarDeparture**

- DepartureTime: A DepartureTime is the time in which a vehicle has left the parking lot of Dave's Automotive.

### **Corporation**

- CorporationName: A CorporationName is the name for a corporation.

### **Customer**

- CustomerID: A CustomerID is the identification number for a given customer.
- CustomerType: A CustomerType is a distinction of a customer that describes what the customer is.
- PlanType: A PlanType is the plan that the customer has chosen as a member of Dave's Automotive.
- JoinedPlanDate: A JoinedPlanDate is the date in which a customer has become a member of Dave's Automotive.

### **Email**

- EmailAddress: A EmailAddress is a way of contact for a customer using email.

### **Employee**

- EmployeeID: A CustomerID is the identification number for a given employee.
- FirstName: A FirstName is the employee's first name.
- LastName: A LastName is the employee's last name.

### **Individual**

- IndividualName: An IndividualName is a name for a given individual.
- StreetName: A StreetName is the name of the street in which an individual is located.
- Number: A Number is the identifier that describes the individual's location on a given street.
- ZipCode: A ZipCode is the identifier that describes the region in which an individual is located.

- City: A City is a small area in which an individual is located.
- State: A State is a subdivision of a country in which an individual is located.

### **LoyaltyPrice**

- LoyaltyPointPrice: A LoyaltyPointPrice is a price value that is converted from points to a specific amount of money to reduce on an individual's maintenance order.

### **Maintenance Item**

- ServiceName: A ServiceName is the name for a given service.
- Runtime: A Runtime is the average time it takes for a service to be performed.
- Description: A Description is a detail that describes a service.
- isLoyaltyRedeemable: isLoyaltyRedeemable is a boolean that checks if the maintenance item is redeemable for loyalty points
- Fee: A fee is the price for a given service.

### **Maintenance Package**

- PackageName: A PackageName is a name that describes a specific maintenance package.
- Price: A fee is the cost for a given service package.
- EstimatedTimeOfCompletion: An EstimatedTimeOfCompletion is the predicted time it takes for a service package to be performed.

### **MaintenanceSkill**

- Skill: A skill is a specific ability an item requires.

### **MaintenanceVisit**

- OrderID: An OrderID is the identification number for a particular order.
- VisitDate: A VisitDate is the date in which a customer makes a visit to Dave's Automotive.
- ArrivalTime: An ArrivalTime is the time in which a customer brings a vehicle into the parking lot.
- currMileage: currMileage is a value that depicts the current mileage of a vehicle.
- total: A total is the combined price of all the services in a visit.
- Reason: A reason is a description that details why a visit was made.

### **Mechanic**

- isOverachiever: isOverachiever is a boolean value that checks if a mechanic has more than three skills.

### **MechSkill**

- Skill: A skill is a specific ability that a mechanic possesses.

### **Mentorship**

- startDate: startDate is the date that the mentorship starts.

### **MentorshipEnd**

- endDate: endDate is the date that the mentorship ends.

### **Notification**

- NotificationDate: NotificationDate is a date of when the notification is sent
- ExpectedTimeCompletion: ExpectedTimeCompletion is the total estimated time that the appointment is expected to finish.
- ListOfAppointmentDates - ListOfAppointmentDates is a list of available dates for a customer to make an appointment.

- ListOfAppointmentTimes - ListOfAppointmentTimes is a list of available times for a customer to make an appointment.
- Price: Price is the total amount for a given number of services.

#### **Phone**

- PhoneNumber: A phoneNumber is a telephone number that is used to contact a user.

#### **Premier**

- Annualfee: An AnnualFee is a fee that is charged annually.
- Monthlyfee: A monthlyfee is a fee that is charged monthly.

#### **Prospective**

- isDead: isDead is a boolean value that checks if a prospective member is no longer active.
- FirstTimeCust: firstTimecust is a boolean value that checks if the user is a first time customer at Dave's Automotive
- ServiceCount: A serviceCount is a count of all the services that the member has done.

#### **Referral**

- Date: A Date is a specific date that the user was referred.

#### **Shift**

- Day: A day is a 24-hour period of time.
- ShiftTime: A ShiftTime is a time window in which an employee is present at Dave's Automotive.

#### **Steady**

- LoyaltyPoints: LoyaltyPoints is the total amount of loyalty points a user has accumulated.

#### **Vehicle**

- LicensePlate: A LicensePlate is the identifier for a vehicle's registration with a state.
- VinNumber: A VinNumber is the identification number for a given vehicle.
- Mileage: Mileage is a number of miles traveled.
- AnnualMileageEstimate: AnnualMileageEstimate is the estimated amount of mileage traveled annually.
- Color: A color is a description of the paint applied to the vehicle.

#### **VehicleInformation**

- Model: A Model is a brand of a vehicle sold by a manufacturer.
- Make: A Make is the vehicle's manufacturer.
- Year: A Year is the time in which a vehicle becomes available for purchase.

#### **VehicleInterval**

- SetInterval: A SetInterval is a period of time between events.