NOMO Auto Group Problem
IST 210, Section 1, SP 2004

Introduction to the Problem
The goal of this problem is to create a database design solution that meets the needs of a small automobile company, NOMO Auto group. The NOMO Auto Group Board of Directors has sent out a Request for Proposals (RFP) to a series of potential vendors and your team has been chosen as one of the vendors solicited to bid on the project. As part of the bidding process, your team will be required to create a document (a proposal) and a presentation, which will be used to demonstrate your solution to the NOMO Auto Group Problem.

As a team and aided by case materials, course content (Topics 1, 2, 3, 4, 5, and 6), and quality external resources, you need to create a proposal and a presentation to meet the requirements outlined by NOMO Auto Group. Keep in mind that your team is not the only one bidding on this contract; several other teams are fiercely competing for this project! If you win, it could mean a sizeable contract for your company and revenue that you definitely need!

The remainder of this document has been organized to provide each team with the guidelines and many of the resources you will need to get started with the project. The remainder of the document includes the following:

- Problems Assignment
- Problem Objectives
- Outline of Associated Topics
- Scope of Proposal
- Proposal Selection Criteria
- Contents of Proposal Document
- Contents of Proposal Presentation
- Problem Resources including:
  - Background Information
  - Interviews
  - Current Systems in Place
  - Other Data Collected by NOMO Auto Groups

Good luck to each of the bidding teams! May your solution be the winning one.
Problem Assignment
The goal of this project is to design a centralized database system that will allow NOMO Auto Group to track automobiles residing at each dealership, as well as to keep track of the sales information associated with each automobile. Note that NOMO Auto Group currently has a system in place, which can be referenced later in this document. **This will meet your requirements for an initial study.** Bidders need to demonstrate their understanding of this effort by following both the document and presentation requirements outlined below. In order to complete the bidding process, each bidder must submit a document and prepare a presentation as outlined within this document.

It is the responsibility of the bidder to demonstrate the nature of their solution by creating a proposal document which includes the information as outlined in the “Proposal Documents” portion of this document.

Your team will also be required to present your solution to the NOMO Auto Group “Board of Directors.” Each of your team members will, equally, need to demonstrate their understanding of the project by participating in the presentation process. It is highly recommended that, prior to starting the project, each member of your team choose a role from which you will play throughout the project. Choose the participants that you feel will most strongly make your case to the Board of Directors. Some possible roles team members can choose are:

- Project Manager
- Database Designer
- Information Architect
- Data Analyst
- Database Developer

Problem Objectives
After completing this problem, you should be able to:
- Operate as a team
- Evaluate needs to develop a database solution
- State the anticipated impact the new database solution will have on the business
- Develop a project plan
- Identify the target audience for creation of a database solution
- Design a database that meets the needs of the organization
- Generate the SQL statements needed to create the database structure
- Discuss for migrating data into a new database system
- Anticipate the organizational, legal, and ethical issues revolving around the creation of the database solution.
- Discuss the plans for providing access to data and security measure for the database solution
Outline of Associated Topics
The topics covered in the Problem are:
- Topic 1: Introduction to Data and Databases
- Topic 2: Organization of Data, Databases, and DBMS
- Topic 3: Creating the Conceptual Database Design
- Topic 4: Refining the Conceptual Database Design
- Topic 5: Implementing the Database Design
- Topic 6: Introduction to SQL

Your instructor will look closely at how you integrate these Topics in your Problem Solutions. Be sure to read them carefully; the success of your solution will depend on it.

Scope of the Proposal
NOMO Auto Group is growing rapidly and needs to update their automobile tracking system. A centralized system that can track automobiles at all four dealerships is the goal. It is the intent of Board of Directors to solicit proposals for the NOMO Auto Group and they have asked your team to submit a proposal outlining the design and development of their centralized information system.

Upon completion of the proposal, your team should submit one copy of the document to your instructor. You will also be required to develop a 10-15 minute presentation to be given to the NOMO Board of Directors. The contents of the document and presentation are outlined below.

Selection Criteria
In order to win this contract, your team will be competing against the other teams within your course section. The winning bid will be determined based on the NOMO Auto Group Board of Directors’ assessment of how well your team has met the requirements set forth within the proposal outlined in this document. The Board of Director’s decision will be based on both your document and presentation.
Contents of the Proposal Document

As part of the bidding process, your team will be required to create a proposal document. This document will be used to demonstrate your ability to analyze and create a solution to this organization’s need. Each section’s contents and recommended maximum page requirements are outlined below:

I. Proposal Cover (1 page)

As part of the submission procedures for this proposal, you are required to prepare an RFP cover. The cover needs to include the following:

1) Proposal Title
2) Class Section
3) Instructor Name
4) Company Name, Address, and Telephone Number
5) Date of Submission
6) Any other Relevant Data

II. Table of Contents (No more than 1 page)

Create a document table of contents that outlines the major document headings and subheadings.

III. Executive Summary (1 Page)

Create a one-page summary of your plan which is brief, to the point, and will hopefully evoke sufficient interest in the recipient to warrant taking a closer look. It is used to summarize the major parts of the document and entice the reader to continue reading the rest of the document.

IV. Project Overview (No more than 2-4 pages)

A. Scope of Work

Discuss your understanding of NOMO’s needs and requirements for the new system. You should focus on demonstrating your understanding of NOMO’s need to move to a centralized database system.

B. Business Impact

Identify the potential business impacts a centralized database system may have on NOMO Auto Group. Focus on:

- Change Management issues
  - Change management issues with moving to a new system
  - Employee reactions to the new system
  - Potential problems
- How the new system could streamline their current processes such as:
  - Inventory control
  - Tracking sales
  - Salesperson contact information
  - Other Business Process Benefits
- Provide a justification statement outlining the importance and the potential benefits of moving to a centralized database solution (i.e. Return On Investment, ROI)
V. Database Lifecycle (No more than 2-4 pages)

A. Database Plan
Provide a discussion of the phases for completing the database that includes, at a minimum, the project phases and the associated outcomes including:

- Initial study
- Database design
- Implementation and loading
- Testing and evaluation
- Operation
- Maintenance and evaluation

B. Personnel Resources
Identify the resources you feel will be needed to complete the proposed project including the following:

- The personnel needed to be able to complete the project, the time they will need to spend on the project and job titles.
- A description of the roles and responsibilities for each of the identified personnel.

VI. Analysis of the Audience (No more than 4-6 pages)

A. Audience Analysis
Provide a detailed description of who will be using the system. Think about the following:

- Analyze company situation including the operating environment and organizational structure
- Define problems and constraints
- Define objectives
- Define scope and boundaries

B. Data Analysis
Develop and provide a discussion of the following:

- Information needs and the associated users
- Data sources
- End-user data views (tables)
- Current system sources
- Interfaces with other systems
- Business rules

D. Data Access and Security
Discuss the various levels of access to the data and your plans for keeping the data secure. When determining levels of access, refer back to your audience analysis. Focus on things such as:

- Who will have access to which data? (this should tie closely with your audience analysis)
- Who can add vehicle information to the database? (this should tie closely with your audience analysis)
- Who will be able to see information such as commission and gross sales? (this should tie closely with your audience analysis)
- What security measures will be put in place to prevent unauthorized usage from occurring?
VII. Database Design (No more than 3-4 pages)
Demonstrate your understanding of the design of the database by completing and documenting the following steps:
• Analyze and refine the business rules
• Identify the main entities
• Identify the relationships among the entities
• Identify the attributes, primary keys, and foreign keys for each of the entities
• Complete the initial E-R diagram
• Verify your initial E-R diagram against the data, information, and processing requirements
• Modify the E-R diagram

VIII. DBMS Software Selection and Logical Design (No more than 3-4 pages)
A. DBMS Software Selection
Present your plan for moving NOMO’s current data into the new database system. Think about the following when generating a response:
• Advantages and disadvantages need study
• Factors affecting purchasing decision
  o Cost
  o DBMS features and tools
  o Underlying model
  o Portability
  o DBMS hardware requirements
B. Logical Design
Generate, test, and document the SQL statements needed to build out the database you are proposing. Include the following:
• Each of the SQL statements used to build out the data structure
• Describe the integrity constraints in each of the DDL statement you created

IX. Organizational Planning (No more than 1 - 2 pages)
A. Future Areas for Development
Discuss areas where you feel NOMO may want to expand their current system to meet future business needs. Think about the following when creating this section:
• How will NOMO deal with an increase in business?
• The potential for moving the system to track automobile owner information.
• If NOMO acquires new dealerships, how will the system be able to handle the addition dealerships?
• How should NOMO deal with revisions that may be needed to the database you are proposing?
• What other database-driven applications should NOMO be thinking about creating?
B. Legal and Ethical Issues
Provide a general discussion around the legal and ethical issues involved in creating and implementing a centralized database system for tracking NOMO’s data.

X. List of References (Page count is whatever is appropriate)
Your team must compile a list of references that were used to help create your proposal document. This list of references should follow either the MLA or APA format. This section should not be considered part of the overall page count for the document.

Contents of the Proposal Presentation
Your team is required to present your solution to the NOMO Board of Directors. You are encouraged to use Microsoft PowerPoint or another comparable technology to supplement the presentation. This presentation will be used for you to demonstrate your understanding of the problem and present your solution to the Board of Directors. During the presentation, you should highlight the major points of your solution and present a convincing justification as to why your company and solution should be chosen by the Board of Directors. This is the opportunity for your team to demonstrate that you are the best one to do the job!

Be prepared to answer questions from the Board. Your instructor will give you specific details around the length of the presentations and when/where they will occur. Presentations should last no longer than 10 minutes.

For more information on the grading criteria, consult the Problem Objectives and Problem Rubric.

Your presentation should include, but is not limited to, the following information:

1) A team introduction and background as to why you should be selected.
2) An oral summary of the proposal document you are provided.
3) An opportunity to answer questions.
Problem Resources

Background
NOMO Auto Group is a recently formed corporation that consists of four used car dealerships. Before NOMO was created in 2000, each dealership was managed and operated by a single owner. Since NOMO Auto Group was created, each dealership has seen a steady increase in sales. Unfortunately, one of the biggest problems since the merger is that each of the dealer’s inventory information is contained within their own location and is not centrally located for distribution. Currently, NOMO Auto Group is spending too much time and money making phone calls and faxing inventory sheets between dealerships in an attempt to provide each of the locations with the most up to date inventory and sales information.

In an attempt to find a solution, NOMO Auto Group has attended many national automobile industry shows and has discovered that a database solution could solve many of their information technology needs. They would like a system that would centralize all of their data and make it accessible to each of the different NOMO locations. For example, if a customer is searching for a specific automobile at one NOMO dealership and that dealership does not have the automobile, they can immediately search for that car at the other three dealerships, thus allowing NOMO to keep that customer.

Realizing the need for a centralized database system, NOMO has decided to send out a bid for a consulting company to analyze, design, document, and develop a system that converts their current way of doing business to a more streamlined and integrated approach.

In an attempt to help each of the bidders understand the needs and requirements of NOMO Auto Groups, several informational resources have been provided. These resources are available to assist you identifying a solution to the proposal.

Current Systems in Place
Currently, NOMO Auto Group is soliciting a recommendation for a database and database server from which to serve the solution. NOMO Auto Group has been talking with a third party consultant in an attempt to find out the best hardware and software architecture needed to host a database solution. Based on past discussions, NOMO is able to give you a list of recommended databases and database servers from which to choose. The options are listed below.

Database Options
- IBM’s DB2 UDB Enterprise Edition v7.1 or greater
- Microsoft’s SQL Server 2000 Enterprise Edition
- Oracle’s Oracle9i database

Database Server Options
- Sun Enterprise 450 server
- IBM RS/6000 M80
- Dell PowerEdge 2500

While NOMO Auto Group is worried about the maintenance and administration of the proposed solution, we only want you to provide the costs and a justification for recommending a given solution. You are not responsible for giving NOMO the specifications for each of the end users system’s (that will be residing at each of the
NOMO locations). Please focus on researching, justifying, and costing out only the hardware and software needed to host the solution.
INTERVIEWS
Stan Tocchet Interview with Byron Nelson - CEO of NOMO Auto Group

Your company has already sent an instructional designer, Stan Tocchet, to interview Byron Nelson, CEO of NOMO Auto Group. Stan’s primary mission is to determine the database needs for NOMO Auto Group, and to get a general idea what Byron has in mind for the new system. Since the merger, Byron has been the primary champion for this initiative.

Stan: Hello Mr. Nelson, good to see you. How is business going?

Byron: Business is great! Since we formed NOMO Auto Group 18 months ago, business has really been picking up steadily.

Stan: Well, the reason I wanted to meet with you are to find out more about NOMO Auto Group and the database initiative you have.

Byron: Great, we hope to find an organization to begin working on this project very soon.

Stan: How many dealerships does NOMO Auto Group consist of?

Byron: We currently have four used car dealerships in the tri-state area, selling a wide variety of automobiles. Since we have been growing steadily, it is getting more difficult to track all of our automobiles and sales at each location.

Stan: What do you currently use to track all of your automobiles?

Byron: We’ve been using an Excel spreadsheet at each dealership to track automobiles and automobile sales, but our sales people are so busy now, they don’t have the time to sit down and update the spreadsheets as often as they should, therefore things get mixed up. When one dealership needs to get in contact with another dealership about the availability of an automobile, they need to pull up the spreadsheet, then go and actually find the car to double check because the spreadsheet may not have been updated recently.

Stan: How does NOMO Auto Group plan on solving this problem?

Byron: Well, we have sent out a request for proposal (RFP) for the project that we hope some companies will bid on. We foresee some sort of database system that needs to be in place in order for our sales people to track automobile availability, employee sales, dates of sales, make and model of sale, and a list of other automobile dealerships and external suppliers we do business with.

Stan: What do you see as being the goal of this database system?

Byron: Well, the database will be located at one of the four dealerships, with each dealership having access to it. The database will hold an up-to-date listing of all automobiles currently owned by NOMO, and at which location each automobile resides. Once one of our salesperson makes a sale, either the salesperson or and administrative assistant simply needs to enter information onto a screen, and our
database is immediately updated. Then, when a salesperson at other dealerships checks the database, it has the most recent information from the most recent sales. Also, we would like the database to keep track of the particular salesperson who made the sale. This way, everything will be centralized and we can do away with the spreadsheets for each dealership.

Stan: How will your employees make the transition from the spreadsheet system to the database system? Do you feel they have enough knowledge and experience with computers that they will easily make the transition? Or do you think they will need additional training?

Byron: I think our employees will be able to handle the transition. I think an initial training session would familiarize our employees with the system, but that’s it. Part of the project will be for the company who builds this system to make it user friendly. We don’t want our employees working with a lot of the data, just entering and retrieving data from the database.

Stan: Do you anticipate the consulting company who builds this system will maintain it, or do you plan on maintaining it yourself?

Byron: I think right now we are just looking for an organization to build it and get the database system set-up and off the ground. Currently, we have an external group that we have hired to administer and maintain the database application. All we are really looking for is a group to create the database design.
Focus Group Erin Nezbit, Michael Sampson, Eric Conrad, and Theresa Jahar

This focus group was conducted by an instructional designer whose mission was to analyze the needs of NOMO Auto Groups. The instructional designer was conducting the focus group as if he/she was the person creating the bid to the proposal. Specifically, the instructional designer was trying to find out what needs to be incorporated into the database system for the end users (the sales team and employees of NOMO Auto Group). Erin Nezbit is currently the manager of sales for NOMO Auto Group, residing at Long Island Dealership in Plainview; Michael Sampson, Eric Conrad, and Theresa Jahar are on the sales force at the Northern New Jersey Dealership (Morristown), Southern New Jersey Dealership (Cherry Hill), and Philadelphia locations, respectively. Several of the project’s needs have been identified from within the focus group. Provided below is a transcribed version of the focus group.

Interviewer: Good morning everyone, I guess you all know why we are here. Our company is working on a database system for NOMO Auto Group, and we’d like to ask you some questions to help us build the system.

Erin: Ok, that sounds great.

Interviewer: To begin with, what problems are you having with the current system?

Theresa: It’s not accurate. Not all of the salespeople update the spreadsheets at each location in a timely manner.

Eric: Yeah, we need something that is centralized, so when a vehicle is sold at our NYC dealership, we immediately know that car is out of inventory here at the northern New Jersey Dealership. That way, if a customer wants that particular model, we can check the other 3 dealerships and try to get that model for the customer.

Erin: The spreadsheet system was OK before the dealerships merged, but now that we have 4 dealerships, and are growing rapidly, we need a better system to track all the automobiles in stock within NOMO Auto Group.

Interviewer: Ok, so it seems clear that you need some sort of centralized tracking component of the system that will keep up-to-date information on the automobiles. What else did the spreadsheet system track that could be a component of the database system?

Michael: When we sell a vehicle at our location, we also update the spreadsheet as to who sold the car, the price of the sale, and the actual list price of the automobile. We need to track our salespeople so at the end of each month we can tally who sold the most vehicles, and determine commission for each sale.

Erin: Oh yes, those end of the month calculations are horrible! I need to collect every spreadsheet from each dealership, and calculate them individually. What makes it even more difficult is that some of our salespeople will occasionally work at more than one dealership. This makes it very time consuming to calculate each
salesperson’s commission, when their name appears on more than one spreadsheet because they may have made a sale at more than one dealership.

Interviewer: It might be helpful if our organization could obtain a few copies of these spreadsheets, as well as a list of all salespeople for NOMO Auto Group and their respective dealerships. Would that be possible?

Erin: Of course, after our meeting I’ll get you copies of the most recent sales report as well as an up-to-date list of salespeople working for NOMO Auto Group.

Interviewer: Great. What exactly was the problem with updating the spreadsheets? From what I understand, the spreadsheets were not always up to date.

Theresa: They were difficult to use, especially for people like me with limited computer experience. Ever since I started working here, I’ve never really felt comfortable with the spreadsheets; part of the reason is we don’t have anyone that specializes in training the salesforce on how to correctly use the spreadsheets.

Eric: Yes, Theresa is right, our dealership doesn’t really have anyone who specializes in the spreadsheets who can show us how to efficiently work with them. Also, if one person has the spreadsheet open and is entering data, others can’t get access to it. This has led to a salesperson forgetting to go back and enter data into it, leading to an inaccurate spreadsheet. Also, people will save personal copies of the spreadsheet for their own use, and sometimes they will just update that personal spreadsheet and update the main spreadsheet at the end of each month. Again, this leads to inaccurate data when we are trying to track down a car because the most current information is not on that spreadsheet.

Michael: We really need a user-friendly system in place where a salesperson can just come and sit down at a monitor, enter a few bits of information, and have it entered into the database. Then when other dealerships check the database, they will see the updates immediately.

Interviewer: Yes, it seems that a user-friendly system that only takes a few moments to enter information is a necessity. What concerns do you have with the implementation of a new database system?

Theresa: Well, I’m not too good with computers, and I’ve already entered the wrong numbers into a field on the spreadsheets from time to time. With this new system, I’m afraid of what will happen if I enter a wrong amount for a car we receive on our lot into the database system, then someone sells the car before the error is caught. Especially if the database generates price tags or window stickers for the cars when we receive them.

Michael: Another issue is that at the Morristown dealership where I work, none of the salespeople know what other salespeople are making in terms of commission. Some of the folks who work there are very private, and I’m sure they don’t want others to know how much money they make from commission off of a sale. It may cause some tension if, in the new system, salespeople can get in and see what other salespeople are making. That could turn into a nightmare for our Human Resources director.
Interviewer: Both of those are very good points, and I agree that there does need to be some sort of check in the system to maintain data integrity, and also to keep each individual’s commission private. Anything else?

Erin: I think we’ve covered most of it. We need something to track automobile availability and something to track the salespeople who make the sales. Oh, there is one more thing. At the end of each month, I need to put together a sales report for the Board of Directors. The majority of this report consists of the number of cars sold at each location and the list price of the car vs. the sale price of the car. This is difficult with the spreadsheets because I need to compile the results for all four, and even then some of the information is not up to date due to some salespeople not updating the spreadsheets in a timely manner.

Interviewer: Ok, we may be able to work something into the database that could help make the sales report much easier. Anything else?

Eric: Nope, I think that covers it.

Michael: Nope.

Theresa: Whatever you come up with, as long as it is easy to use, it would be lot better than the system we have.

Interviewer: Ok, thank you for your time, and please feel free to email me if you think of anything else.
## List of Dealerships

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<thead>
<tr>
<th>NOMO, NY</th>
<th>NOMO North</th>
</tr>
</thead>
<tbody>
<tr>
<td>310 Locust Lane</td>
<td>34 Old Highway Road</td>
</tr>
<tr>
<td>Plainview, Long Island</td>
<td>Morristown, NJ</td>
</tr>
<tr>
<td>Operations Manager – Kelly Morrison</td>
<td>Operations Manager – Steve Ohm</td>
</tr>
<tr>
<td>General Manager – Taro Kaito</td>
<td>General Manager – Melissa Burbridge</td>
</tr>
<tr>
<td><strong>Phone – 267.816.3200</strong></td>
<td><strong>Phone – 345.876.8910</strong></td>
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<table>
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<tr>
<th>NOMO South</th>
<th>Broadway NOMO</th>
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<tr>
<td>222 Rt. 36</td>
<td>356 Broadway Street Extension</td>
</tr>
<tr>
<td>Cherry Hill, NJ</td>
<td>Philadelphia, PA</td>
</tr>
<tr>
<td>Operations Manager – Sammy Orlitz</td>
<td>Operations Manager – Byron Nelson</td>
</tr>
<tr>
<td>General Manager – Jeff Stein</td>
<td>General Manager – Jerome Brown</td>
</tr>
<tr>
<td><strong>Phone – 625.719.8000</strong></td>
<td><strong>Phone – 215.519.6050</strong></td>
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# Current NOMO Sales Force

<table>
<thead>
<tr>
<th>NOMO, NY</th>
<th>NOMO North</th>
</tr>
</thead>
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| Gary Oakenfield – Senior Salesperson  
  goakenfield@nomony.com | Erin Nezbit – Senior Salesperson of NOMO North, Manager of Sales for the entire NOMO Sales Force  
  enezbit@nomonorth.com  |
| Ben Hadderfard – Salesperson  
  bhadderfard@nomony.com | Collin Lovejoy - Salesperson  
  clovejoy@nomonorth.com |
| Joshua Belinsky – Salesperson  
  jbelinsky@nomony.com | Cecilia Rodriguez - Salesperson  
  crodrigues@nomonorth.com |
| Alicia Kramer - Salesperson  
  akramer@nomony.com | Adam Longley - Salesperson  
  alongley@nomonorth.com |
| Betty Zimmerman - Salesperson  
  bzimmerman@nomony.com | Beth Roberts - Salesperson  
  broberts@nomonorth.com |
| Eric Conrad - Salesperson  
  econrad@nomony.com | Brian Thompson - Salesperson  
  bthompson@nomonorth.com |

<table>
<thead>
<tr>
<th>NOMO South</th>
<th>Broadway NOMO</th>
</tr>
</thead>
</table>
| Evan Brownstein – Senior Salesperson  
  ebrownstein@nomosouth.com | Michael Sampson – Senior Salesperson  
  msampson@broadwaynomo.com |
| Melinda Armstrong - Salesperson  
  marmstrong@nomosouth.com | Theresa Jahar - Salesperson  
  tjahar@broadwaynomo.com |
| John Stites - Salesperson  
  jstites@nomonorth.com | Jim Lancing - Salesperson  
  jlaning@broadwaynomo.com |
| Bill Larken - Salesperson  
  blarken@nomonorth.com | Michelle Purcell - Salesperson  
  mpurcell@broadwaynomo.com |
| Philip Garcia - Salesperson  
  pgarcia@nomonorth.com | Christopher Skillet - Salesperson  
  cskillet@broadwaynomo.com |
| Leslie Grosch - Salesperson  
  lgrosch@nomonorth.com | Donald Lesser - Salesperson  
  dlesser@broadwaynomo.com |
|                        | Erica Weis - Salesperson  
  eweis@broadwaynomo.com |
### Inventory Spread Sheet for NOMO North

<table>
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<tr>
<th>Make</th>
<th>Model</th>
<th>Year</th>
<th>Miles</th>
<th>Color</th>
<th>Acquisition Date</th>
<th>Acquisition Cost</th>
<th>Suggested Retail Cost</th>
<th>VIN</th>
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<tbody>
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<td>Blue</td>
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<td>$13,000</td>
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<td>47,000</td>
<td>Red</td>
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<td>$9,000</td>
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<td>Mercury</td>
<td>Sable</td>
<td>1992</td>
<td>115,000</td>
<td>Purple</td>
<td>8/22/1998</td>
<td>$4,250</td>
<td>$6,300</td>
<td>9KDFT245QPZ264123</td>
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<tr>
<td>Ford</td>
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<td>59,000</td>
<td>Blue</td>
<td>2/3/2000</td>
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## Sales Report, created by Erin Nezbit, for March, 2001

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NOMO Auto Group Document Rubric

Name:

Date:

Directions: Give each team a score out of the possible points for each major Topic area. Portions of a point may be given. Total the score at the end and provide feedback.

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**TOTAL POINTS** 100

Things that stood out about this document:
NOMO Problem Presentation Rubric

Name:

Date:

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