Database Management Systems
Activity: Problems with Excel/Spreadsheet

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Sale ID	Buyer Name	Contact Number	Car Make	Car Model	Year	Price	Salesperson	Salesperson Contact	Comments
1	John Smith	555-1234	Toyota	Corolla	2015	10000	Alice	555-9876	Excellent condition
2	Jane Doe	555-5678	Honda	Civic	2016	12000	Bob	555-8765	Some scratches
3	Mike Brown	555-4321	Ford	Focus	2014	8500	Alice	555-9876	Interior needs cleaning
4	John Smith	555-1234	Toyota	Camry	2018	15000	Alice	555-9876	Very good condition
5	Jane Doe	555-5678	Toyota	Corolla	2015	10500	Bob	555-8765	Slightly higher mileage
6	Sarah White	555-7890	Honda	Accord	2017	14000	Alice	555-9876	No issues
7	John Smith	555-1234	Ford	Mustang	2020	25000	Bob	555-8765	Excellent condition
8	Mike Brown	555-4321	Honda	Civic	2016	11800	Alice	555-9876	Recent oil change
9	Sarah White	555-7890	Ford	Fusion	2019	20000	Alice	555-9876	Premium interior
10	John Smith	555-1234	Toyota	Prius	2021	22000	Bob	555-8765	Hybrid technology, low mileage

1.
   - What happens if John Smith changes his contact number?

   - How many rows will you need to update?

   - What if you miss updating one row?

2.
   - What happens if Sarah White decides to cancel her purchase and her record is deleted?

   - What data related to the salesperson and car details will also be lost?

3.
   - If a new car is added to the inventory but hasn't been purchased yet, how will you add it to this table?

   - What value will you enter for Buyer Name or Contact Number?

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4. How can this table be divided into smaller, more meaningful tables to reduce redundancy and improve efficiency for updates, deletions, and insertions?