**Fleet Leasing Management Database System**

**Changes made after the initial phase:**  
  
Here are the notable changes that have been implemented after modifying the initial ERD.

1. Primary Keys and Foreign Keys:
   * There's a change in primary keys (PK) and foreign keys (FK) usage. In the second diagram, keys are more explicitly marked with "PK/FK" for composite keys, whereas in the first diagram, they are not as clearly marked.
   * In the second diagram, "Insurance" is labeled as "Rental Insurance" and has a primary key indicated.
2. Attributes:
   * Several tables have new or renamed attributes. For example, "Car Availability" has an "Availability\_ID" in the second diagram that is not present in the first.
   * In the "Reservation" table, the second diagram has attributes like "Schedule\_ID" and "Insurance (Y/N)" which are not present in the first diagram.
   * The “Maintenance Log" in the second diagram includes a foreign key to "Car\_ID" which is not explicitly indicated in the first diagram.
3. Relationships:
   * The relationships between entities have been refined and more clearly indicated in the second diagram.
   * In the first diagram, "Reservation" has a direct relationship with "Car Availability," but in the second diagram, it's related to "Schedule," which in turn is related to "Car Availability."
   * "Payment" is more clearly linked to "Reservation" with a foreign key in the second diagram.
   * The "User" entity has been streamlined with clear relationships to "Lender," "Administration," and "Customer" in the second diagram.
4. New Entities and Relationships:
   * The second diagram introduces a "Schedule" entity that connects "Car Availability" and "Reservation."
   * There is a new "Report" entity related to the "Maintenance Log" in the second diagram.

These changes suggest refining and clarifying the database schema to better represent the relationships between entities and more accurately reflect the primary and foreign keys.