a. To identify the functional dependencies in the table, we need to examine the relationships between the columns. From the given table, we can observe the following functional dependencies: - JobID uniquely determines JobDate, Time, driverID, taxilo, and clientID. - driverID uniquely determines driverName. - taxilo uniquely determines driverID. - clientID uniquely determines clientName. Based on these dependencies, we can identify the primary key as JobID and the alternate keys as driverID and taxilo. b. The table is not in 3NF (Third Normal Form) because it contains transitive dependencies. Specifically, the driverName attribute depends on the driverID attribute, and the driverID attribute depends on the taxilo attribute. These dependencies create redundancy and can lead to update anomalies. c. The table is susceptible to update anomalies, which means that making changes to the table can result in inconsistencies or errors. Here are examples of how insertion, deletion, and modification anomalies could occur: - Insertion anomaly: Suppose we want to add a new driver with driverID D5, driverName Sam Smith, and taxilo T3. However, if there are no bookings associated with this new driver, we cannot insert this information into the table because the table requires a booking to associate the new driver. - Deletion anomaly: If we delete a booking associated with a specific driver, it would also delete the information about the driver (driverName and taxilo) from the table. This can cause the loss of driver information even if the driver is still active or has other bookings. - Modification anomaly: If we update the taxilo attribute for a specific booking, it would also update the driverID attribute, and consequently, the driverName attribute. This could lead to inconsistencies if the same driver is assigned to multiple taxis. To avoid these anomalies and achieve higher normal forms, we would need to decompose the table into smaller tables that eliminate the transitive dependencies and properly represent the relationships between the entities.