[Schedule] Les Represents the order in which the operations of transactions are escented. Schedule Non-sural Soval on current Nover lead May lead to to Monsistency Consisten cy Q \_ [-g-) T, -) a,  $\overline{1}_{2}$   $\overline{-}$   $(b_{1}$ b2

Consider Shis as 5 a L quiries Joperations. Scheelule posible ·T-2-Ilme Sezial schedule

. T. 2. b.L. Non-social/Concurrent R Non-Svial/Conservent schedule leads (may) lead to un consis kny C) not always

Socializibility L) A transaction schedule us scrializable if its outrome es Equal to outcome of 16 transation executed sorially. 11 72 [ G -) G; - a, b, . Non-wid If both have The schedule Same out come és socializable

Result Conflict
Equivalent equivalent View equivalent RRoult Guivalent L) If two schedule gives Some final database state k Corplict equivalent L) If order of conflicting Operation en same in bushe Schedule

k View egnivalent

- 3. **Conditions for View Serializability**: A schedule is view serializable if the following conditions hold:
  - View Equivalence:
    - Initial Reads: For each data item, the transaction that performs the first read in the schedule must be the same as in the serial schedule.
    - Writes After Reads: If a transaction writes a data item in the schedule, and another transaction reads that data item, the write must occur in the same order as in the serial schedule.
    - **Final Writes**: The last write of a data item in the schedule must match the last write in the serial schedule.