- Fighest isolation is "Serialisable" 13 Strongest consistency 19 Slowest Deach to have to wait for the other to be over - Lower isolation allows more transaction to run simultaneously but trade - off with lower consistency causing: - Virty reads Non-repeatable reads - Phantom reads Dirty read - Occurs when a transaction sees data that wasn't committed - Could occur when a transaction sees later float ways rolled back = "Read Committed" Isofating ensurer fransactions only see Juta that war - "Race Conditiony" ىك

Non-repeatable read - When transactions read the same data twice but different results b"Non-idemportent" - "Repertable" Isolation reduces "non-repeatable reads" Phantom Read - When a transaction re-runs a query and another fransaction alters the rows with that search criteria D'When a row is added or deleter by another Tx between an identical gnerry run