Smake testing = a testing technique performed after regtoware level to verify ditical functionalities; it is named after the concept of "romake test" in bardware engineering, where a device in powered on the first time and if it moshes, there's a fundamental problem.

Example: - sheak that the GUI is responsive, that check if the app launales successfully.

Lood testing = is a type of performance testing used to determine a nythem's behaviour under book marmal and anticipated peak lood canditions

Example: + Submitting a REST apil websewer to a large amount of requests to see how it wolks under stress.

Timelouties.

(insues

- 1) Boli are used to detect early in the divelopment paces. Smake testing is performed after a build to identify several fundment insues, while Lood testing is used to detect performance insues under lood conditions before the seffences in released
 - 2) They book test a system from end to end
 - 31 They both are key testing phases that prevent financial horner.
 - W They both can be documented and tested

Differences:

- ") Smake testing is performed to ensure hey features are working. Sood testing is performed to see how they react to beauty usage.
 - 2) Smoke Hability Lood - behaviour under others
 - 3) Smake testing doesn't meanssociety several lugs, load testing does (lugger overflow, memory leaks)
 - in comparison with look testing.