

The Linear Sequential Model mear Sequential Model (waterfall Model) was proposed in 1970 by Winston Royce. The classic life cycle: Analysis Design Code Test Support 1) Analysis: The Saftware engineer must understand the information domain for the software, as well as veg function, behavior, performance, and interface. (11) Design: Focuses on four attributes of a programe - Data structure - Software Architecture - Interface representation - procedural detail (ii) Code: The design must be translated into a machine greadable form. (iv) Test: Focuses on the logical internals of the software ensuring that all statements have been tested, and on the functional externals to uncover errors and ensure the correctness of output. Support: Saftware must be adapted to accommodate changes in the enternal envisorment (en new operating system or foton peripheral device) and to the new gregive ments of the customer.