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" 4 + 1 VIEW MODEL "

1. Logical View : (Object Oriented Decomposition)

↳ Viewer : End user

↳ Considers : Functional requirements - What the system should provide in terms of services to its users.

• UML Diag - class, state, Object, Sequence, Communication diag.

2. Process View : (The process decomposition)

↳ Viewer : Integrators

↳ Considers : Non-functional requ. (concurrency, performance, scalability)

↳ It shows the workflow of the system and the communication b/w diff process

↳ UML diag - Activity diag.

3. Development View : (Subsystem Decomposition)

↳ Viewer : Programmers & Software Managers

↳ Considers : Software module organization

↳ Shows the packages used, exec env., class libraries.

↳ UML Diag - Component, Package diag.

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4. Physical Views : (Mapping the software to the Hardware)

↳ Viewers : System Engineer

↳ Considers : Non function req. regarding to underlying hardware

↳ UML Diag — Deployment diag.

5. Scenario / Use case View :

↳ Viewers : All users of other views and evaluators

↳ Considers : System consistency, validity

↳ It is redundant with other views

↳ UML Diag — use case diagrams.

↳ It is the foundational view and derives the creation of other four.