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Q What do you mean by engineering and how it is diff from Software E. As we know, there are certain steps involved in Software development life cycle of diff model, like Waterfall, Prototype, RAD, spiral. Suggest a new S Development that can perform better than these except agil.

A Engineering is an approach -  
i) Applying scientific principal + mathematics + experience

ii) To design, build, test and maintain real world solutions  
iii) with the constraints, cost, time, safety, Quality, Reliability

Software Engg involving

- i) Deals with logical / virtual systems
- ii) changes are cheap but risky at scale
- iii) requirement control, versioning, Testing discipline, continuous maintenance

Engineering controls matter  
SEng controls complexity

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- Why Traditional SDLC model won't work or struggle in today's life

its not rigid,  
failure discovered late and  
weak architecture  
not scalable  
high management cost etc..

- New Proposed model

AODS - Adaptive Outcome Driven

Software Model

Built for speed, scale and survival

- Why is it better?

- i) it handles uncertainty better
- ii) reduces failure cost early
- iii) scales for enterprise systems
- iv) more strategic

Rule - AODS turns uncertainty into measurable outcomes.

- Diagram

