page 1 Tuesday 10/7/14 association of the software process on the software process of the software process on the software process of the software process on the software process of the software process on the software process of the software process on the software process of 4156 every SW process includes at least 2 steps analysis Lode fix may be sufficient for personal use where the developer = User (4 only I developer) but not practical for most systems -more steps needed for delivery to customer leven internal customer by Win Royce - described (see paper show fgues) presented as it always forward progress, but in reality backlinks - and not just to provi Step (with more manageable change process) fundamental problem is testing

dd thed pase 2 Thusday 10/7/14 when late testing finds insurmountable problems, may need to return to origin100 90 cost a schedule overnins Various processes introduced smee then to combat this problem CTDD is only one or part of one) Solution in paper is to design for "rishy"
Steps early a then treat as constraint
(part of reguments) and also produce hose amount of documentation at every Step also "do it twize" - not just a prototype but a small scale model of system special emphasis on testing -separate, specialist testes independent from developers, visual code Mspection, coverax of every logiz path mulle customer throughout, commits at vosous earlier points prior to delivery result in complicated vesion of watertall

Tuesday 10/7/14

n 1970 had gist of Many Modern ideas on software engineering - except documentation parts customer usually won b working software, not docs (other than military)

unfortunately, many readen took away only the strawman version of waterfall- as if that's what they should do, r.t. what they should not do

modern processes are mostly varrant at
-incremental delivery of possibly
-iterative planning of combined
wor who TOO

pure mcremental delivery
- do entre requirement + design
- then code, test delivery mcrement

mon realista
- partial requirements a design
- corresponding partial (ode,
test, deliver increment

emphasis on delivering movements

Tuesday 10/7/14

pur iterative planning entire literation each iteration,
who new version of sw
mmmal code presence reuse
maximal experience reuse

Wextreme programming" is an extreme combination of incremental afterative - agile plus dosma XP

show XP New from conservolles

goal of XP, & all SW processes,

development team
Someone may leave
or fall behind
customer
chanses mind
goes at of business
need to entry customen

PaseJ Tuesday 10/7/14 4156 technologizal is it even possible to implement this w/m the and budget? Class exercise get together Llyar tean member what are biggest rishs to volunteer fresent