4156 Tuesday 11/19/13 pase 1 code us. downert inspection/review last time regiments / design doc now cook -> show chechlist from syllabus go over team assignment in addition to unit testing a code inspection, need system testing metamorphiz testing is one approach
to system Corunitstesting
but not standard approach
-noimally do same hind
of back box testings,
as for units - equivalence classes 4 boundaries the book discusses how system testing fib with Herations

11/19/13 Page 2 4156 Tuesday one approach -> i+1 -> i+2 -> i+3 -> (test) relax
that ven late m process or do -> i+1 -> fest >> i+2 -> fest >> i+3 -> fest >> release a dables length of time both approaches developers cando system testing themselves or use separate testing team best to have separate team why?? if separate team available, then > it 1 -> it 2 -> it 3 -> fext of release boxes texting time to make iteration time

4156 Tuesday 11/19/13 pase 3 life of a bug - tester Ands a bug - tester files bus report Version,
Platform, need a lot of detail What were youtry my to do Steps to re-create it you can what you did minedrately before what you had expected to happen - create a task to fix the byg promitized by customer Reventy - Bosystem test but not Us, Ay why? pug work text case that exposes bug text should mitrally fail after test passes beforelasms need testerto re-test bostolort 4156 Tuesday 11/19/13 pase 4

- chec tester chechs the fix a

vertices st works

than marks as closed

- opdate bug report mark as closed

need to use bug tracker tool we'll just use JIRA but there are many of her tools

record a communicate pronties
record all discussion, test cales,
code changes verifications a
decisions about each bug
generate metrics
what is new buy submission rate?
gomy up or down?
do many buys come from
Same area of code?
has many buys left to be fixed?
"Tero-bug-bounce"
before production release

Tuesday 11/19/13 page 5 4156 m between unit testing asystem testing in a is another granulant of testing not discussed in book -> what isst? integration testing big bond - system test who Mtegration test < top-down m control flow hrerarchy & bottom-up sondwich replace ofwers all build on clowers a stubs (test harness) from unit testing Parc already been tested that - might be indusdual units
integration test full
class calling is own
methodo before integrating
with other classes

4156 Tuesday 11/19/13 pase 6 - or mtegrate two one unit mto already integrated set of units. - the goal 12 to test *mtertaces* so need units that much the interfaces of other units spreviously replaced with stabs on unit testing a called by arvers special testing code
so can test unit in isolation
so an test unit in isolation
response all the ways
that one unit can muche
of cor pass data to another is as mouts but as well previously considered egunalence
Classes only for in puts
> now consider outputs too