

4156

demo

page 1

9/22/15

user stories
& tasks

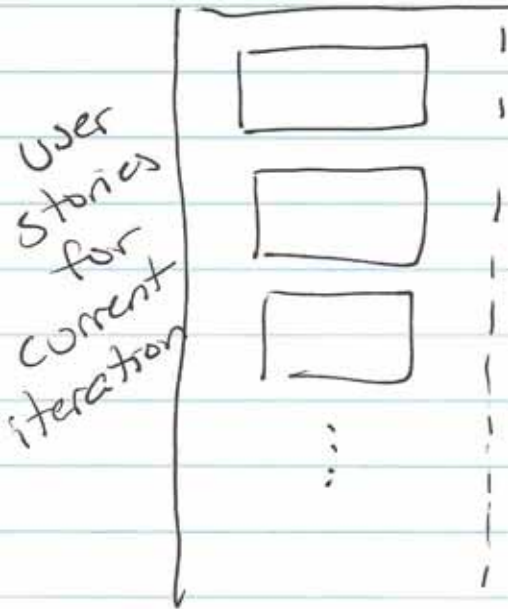
ch. 4

scavenger hunt

big board



team composition
get javaplay working



~~we~~ need to assign work to developers
(individuals or pairs)

User stories describe what sw needs
to do from customer perspective

each story is collection of tasks,
specific development work to be done

task has title, description, estimate

↑ planning
poker
again

4156

9/22/15

example - "iSwoon" desktop date planner
 some user stories - create a date, book
 restaurant order taxi, order flowers

create a date \rightarrow create date class
 with events, create UI to create view edit,
 create schema for storing in DB, create
 SQL for adding, finding & updating records

task estimates should add up to
 same as user story estimate
 \rightarrow adds confidence more likely to be accurate

best to go ahead w/ defining tasks &
 their estimates before finalizing
 estimates for user stories

task estimates between 1/2 and 5 days
 may need to adjust iterations to fit
 more confident estimates from tasks

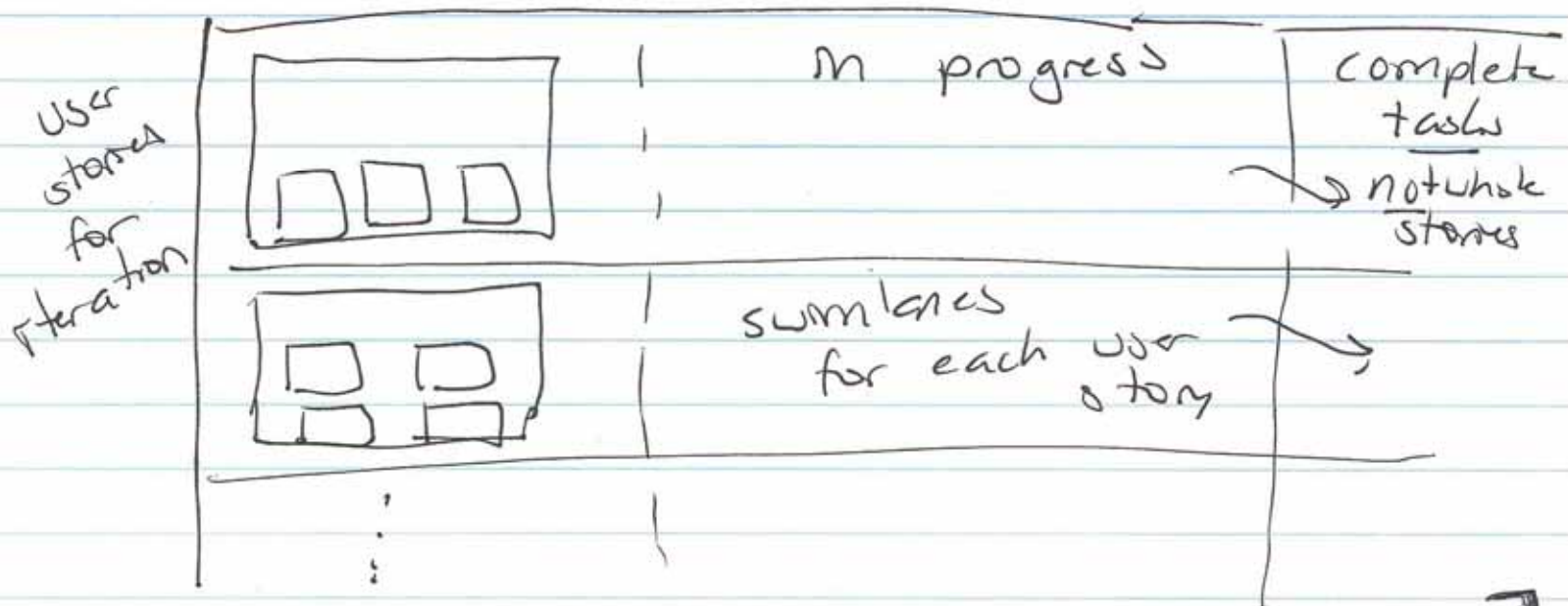
update burn down chart



4156

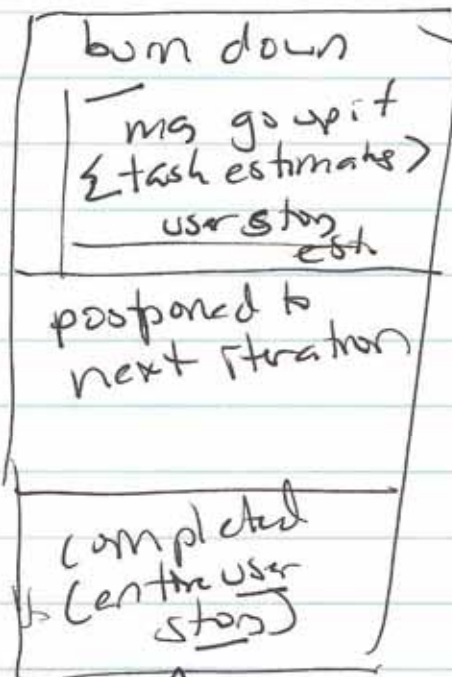
9/20/15

add tasks to big board



User stories with tasks

index cards with sticky notes



all tasks

assign tasks to developers - same developer does not need to do all tasks for a given story

add developer's initials to task sticky note

4156

9/22/15

some user stories may depend on others,
forces ordering - but even if independent,
better to get ^{one} some done r.t. have a
bunch in partially done state

only put tasks actually being worked
on into "in progress" part of board,
even if assigned it stays on left
hand side until started

board valuable only, if accurate

usually work on one task at a time, but
some tasks sufficiently intertwined ~~to~~ so
best to do together

ex. create DB schema } inform
create SQL queries } decisions
for each other

but avoid doubling up large tasks
stay focused

standup meeting daily 5-15 min
update board, burn down chart
talk about what happened
yesterday & what will do today
— successes & problems

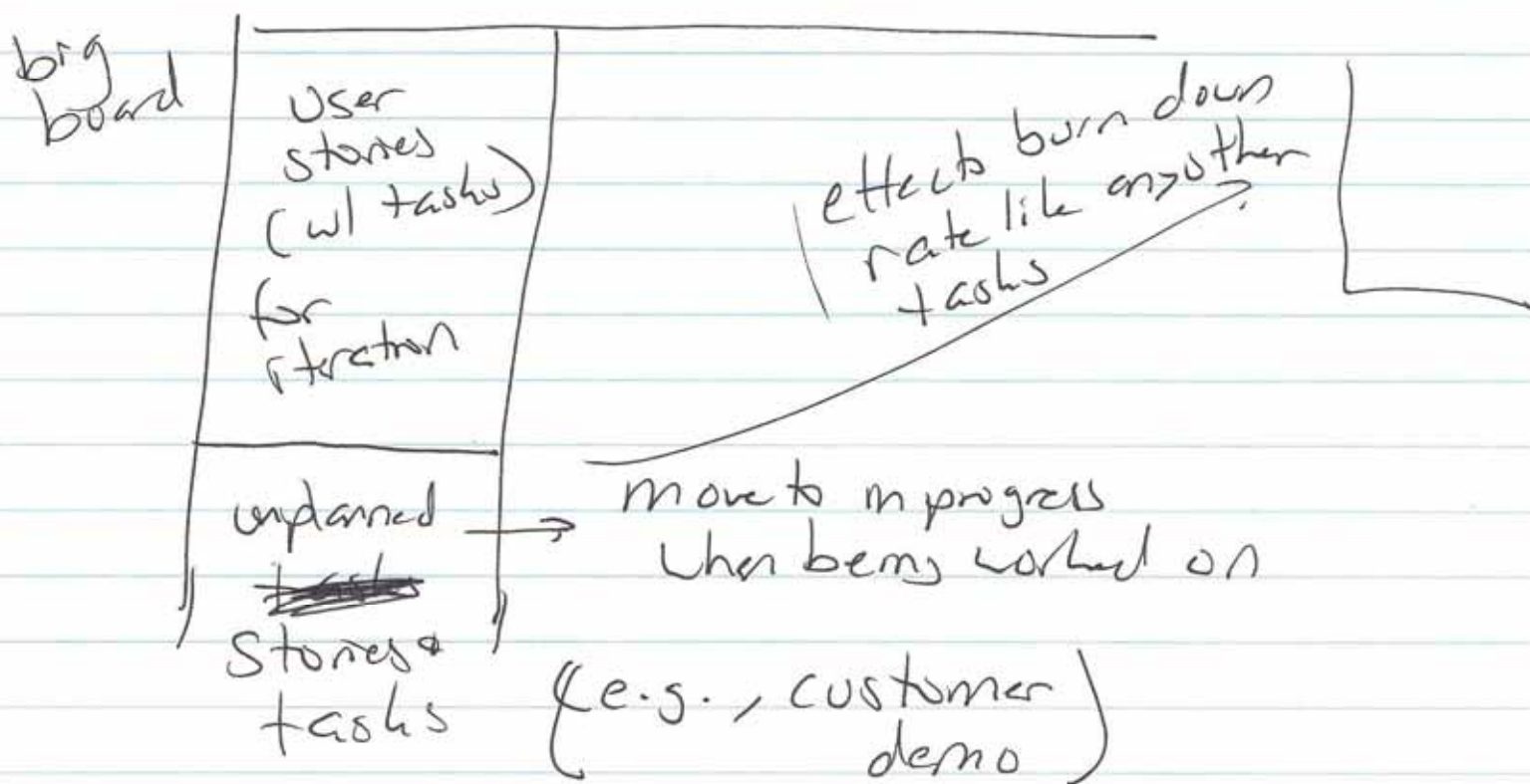
highlight
problems
early

2 topics are there any issues?
 have we finished anything?

if needed, schedule a separate meeting
 to discuss "big" issues

ideally 1st thing in morning
 - may be difficult w/ remote workers

unplanned tasks get added



different color index cards &/or structures
 stand out { e.g. red vs. yellow

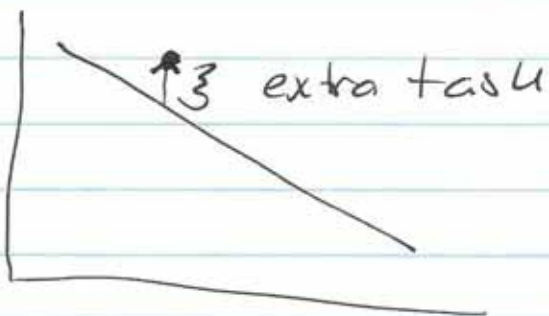
4156

9/22/15

since unplanned task takes time,
ask customer how to prioritize it
- what user stories can be removed
from iteration to make room?

may move tasks from in progress
back to "to do"
or move whole user stories to "next"

estimate time for new task
→ burn down chart goes up



safety net
confidence,
not
superhero

does velocity solve the problem?

float = 30% time figured in
with 70% project velocity
not a pool of extra time
Not enough extra time for
extra tasks

recompute velocity at beginning of
next iteration

be
conservative
at begin of
each new
project