

Agile Estimating

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Agenda

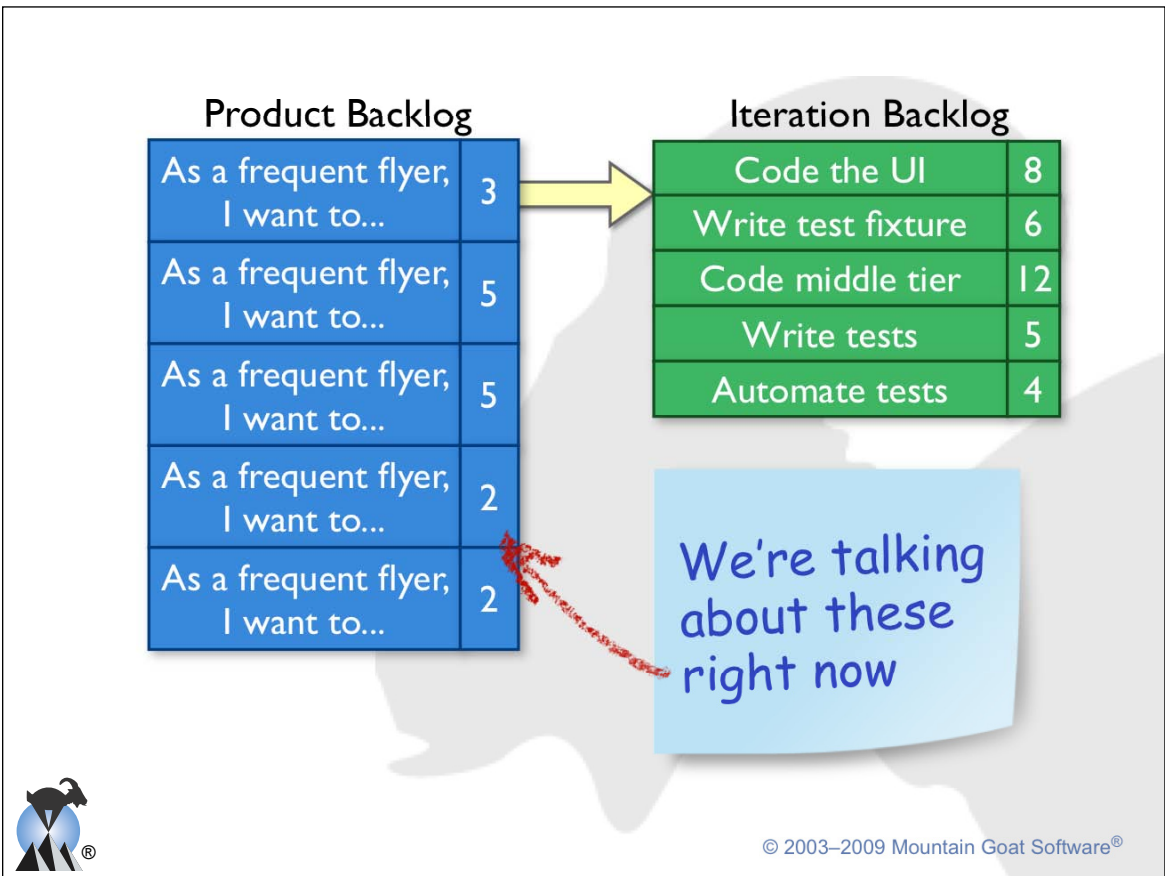
- Product backlog estimation units
 - Story points
 - Ideal time
- Estimating with Planning Poker®



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How long will it take...



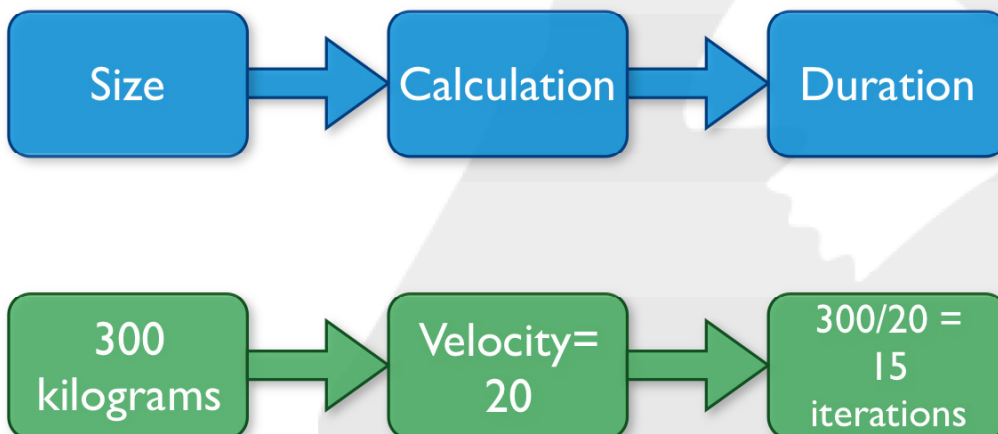
- Suppose I asked you how long it would take to read the last Harry Potter book?



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Estimate size; derive duration

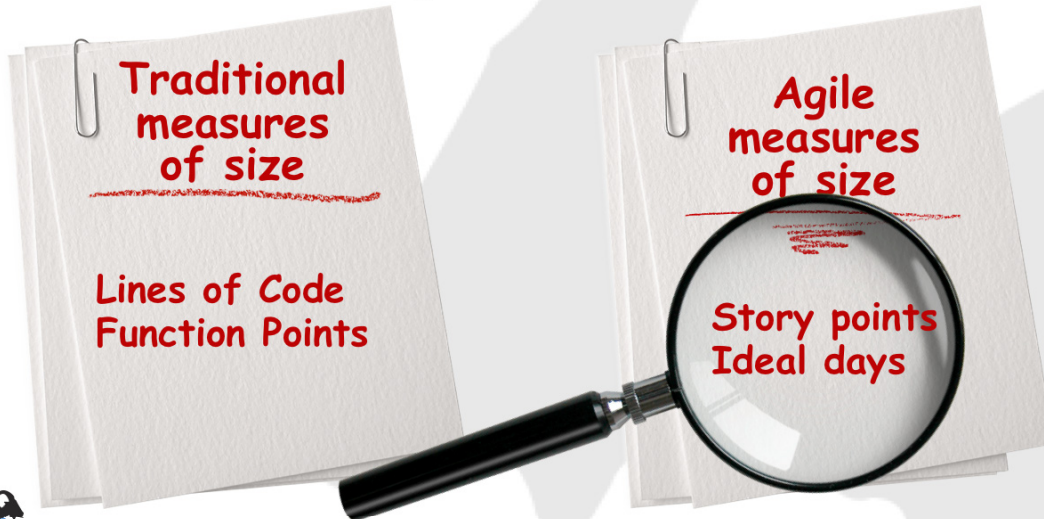


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Measures of size

- Traditional and agile measure size differently

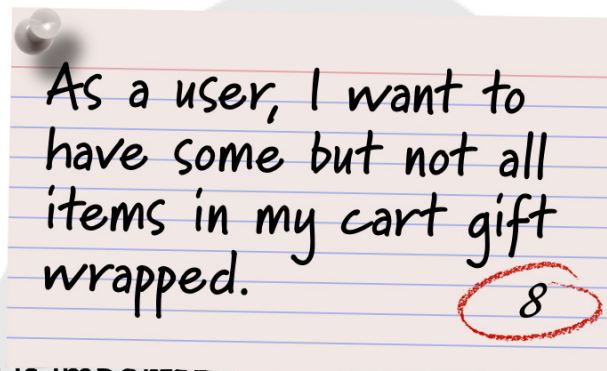


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Story points

- The “bigness” of a task
- Influenced by
 - How hard it is
 - How much there is
- Relative values are what is important:
 - A login screen is a 2.
 - A search feature is an 8.
- Points are unit-less
- Basic math properties should hold, e.g., $5+5 = 10$



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Zoo points



Assign "zoo points" to the following animals

Lion
Kangaroo
Rhinocerus
Bear
Giraffe
Gorilla
Hippopotamus
Tiger



Ideal Time



Ideal time

- How long something would take if
 - it's all you worked on
 - you had no interruptions
 - and everything you need is available
- The ideal time of an international basketball game is 40 minutes
 - Four 10-minute quarters
- The elapsed time is much longer (2+ hours)



Ideal time vs. elapsed time

- It's easier to estimate in ideal time
- It's too hard to estimate directly in elapsed time
 - Need to consider all the factors that affect elapsed time at the same time you're estimating



Two big advantages to story points

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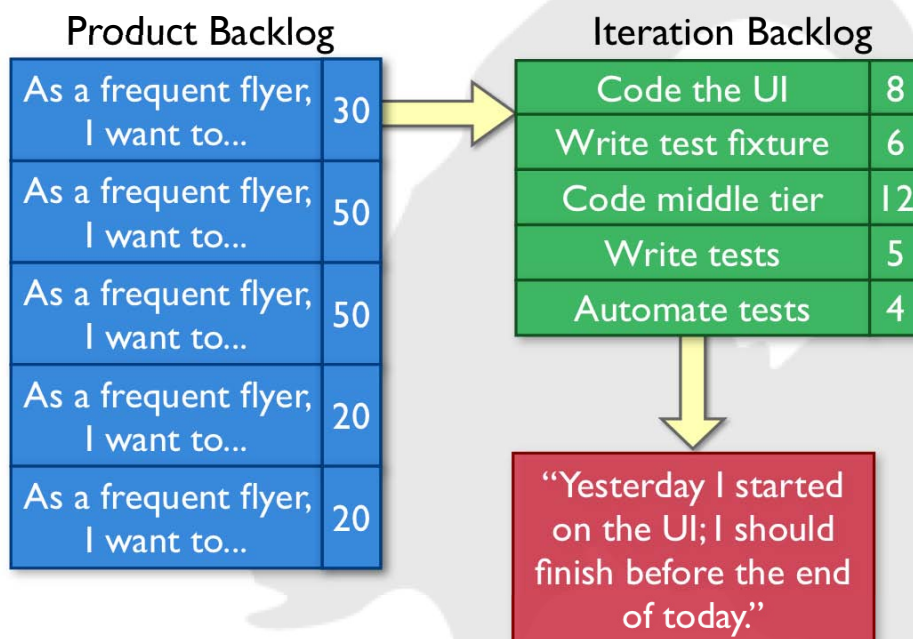
Story points are additive; time-based estimates may not be

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Story points help avoid problems with unit confusion



Confusing units



Planning Poker® for Estimating

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Planning poker



- An iterative approach to estimating
- Steps
 - Each estimator is given a deck of cards, each card has a valid estimate written on it
 - Customer/Product owner reads a story and it's discussed briefly
 - Each estimator selects a card that's his or her estimate
 - Cards are turned over so all can see them
 - Discuss differences (especially outliers)
 - Re-estimate until estimates converge

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Planning poker - an example



Estimator	Round 1	Round 2
Susan	3	5
Vadim	8	5
Ann	2	5
Chris	5	8



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www.planningpoker.com

Free, or I wouldn't mention it



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Upcoming classes in Oslo

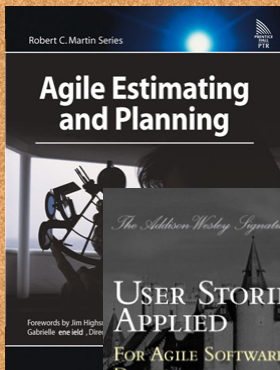
Date	What
22–23 June	Certified Scrum Product Owner
24–25 June	Certified ScrumMaster
12–14 October	Certified ScrumMaster (three-day)
15–16 October	Certified Scrum Product Owner
18–20 January	Certified ScrumMaster (three-day)
21–22 January	Certified Scrum Product Owner

Information and registration at
www.programutvikling.no



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