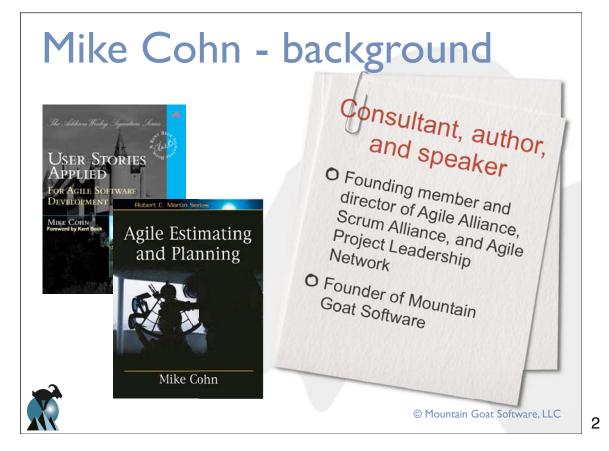
## Effective User Stories for Agile Requirements

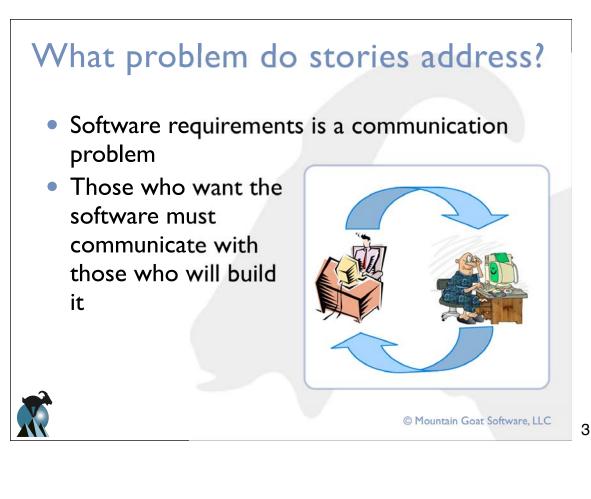
Mike Cohn President Mountain Goat Software Lafayette, Colorado mike@mountaingoatsoftware.com



MARCH 19-23, 2007, SANTA CLARA, CA







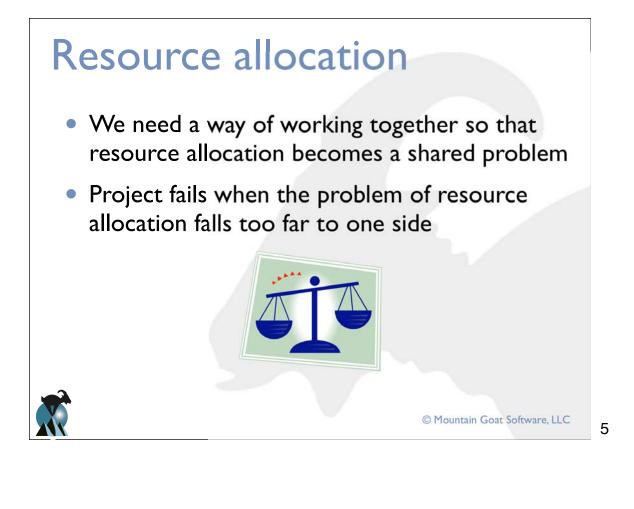
## Balance is critical

- If either side dominates, the business loses
- If the business side dominates...
  - ...functionality and dates are mandated with little regard for reality or whether the developers understand the requirements
- If the developers dominate...



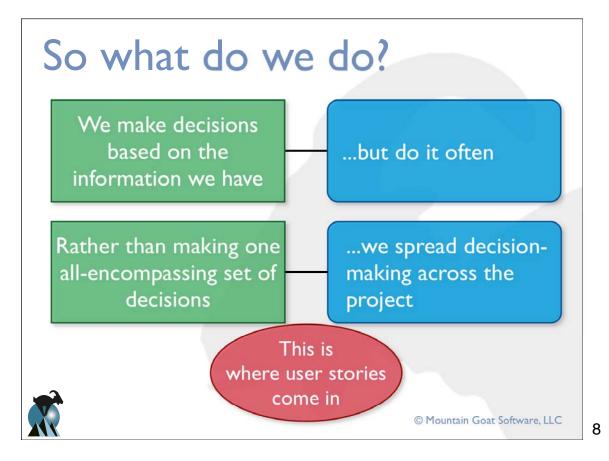
• ...technical jargon replaces the language of the business and developers lose the opportunity to learn from listening







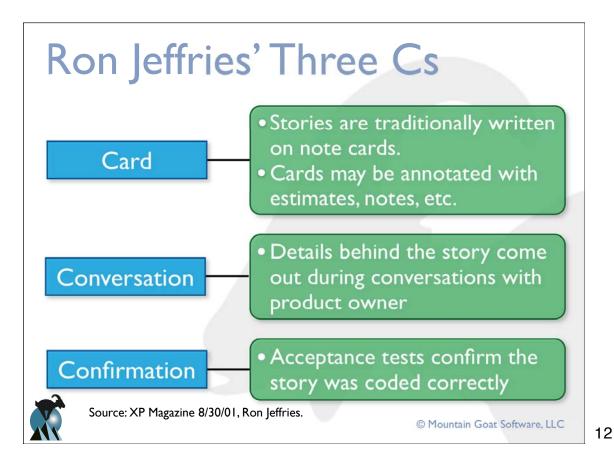
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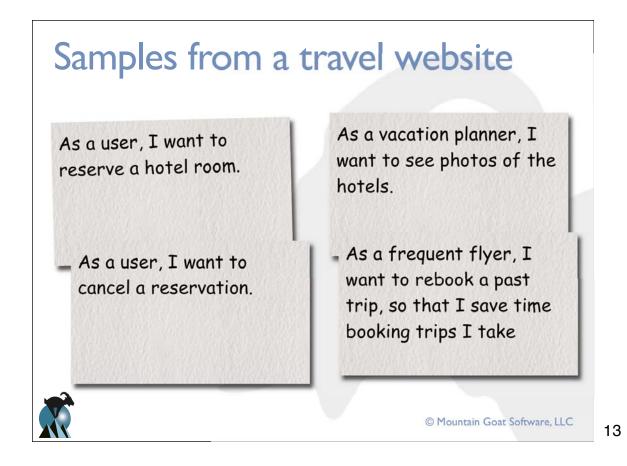








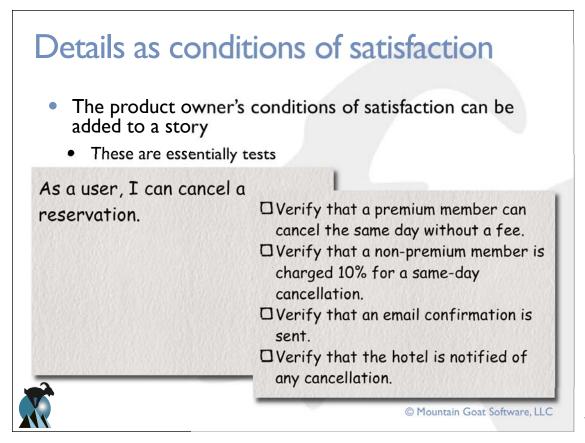


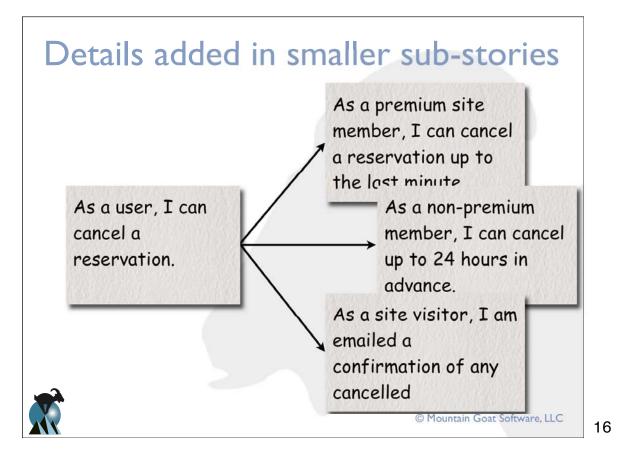


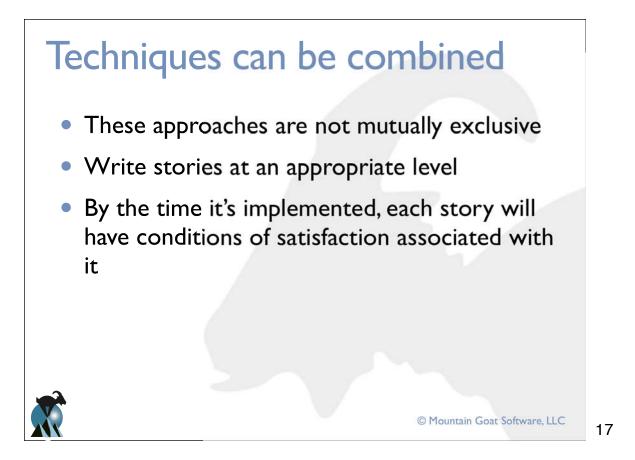
## Where are the details?

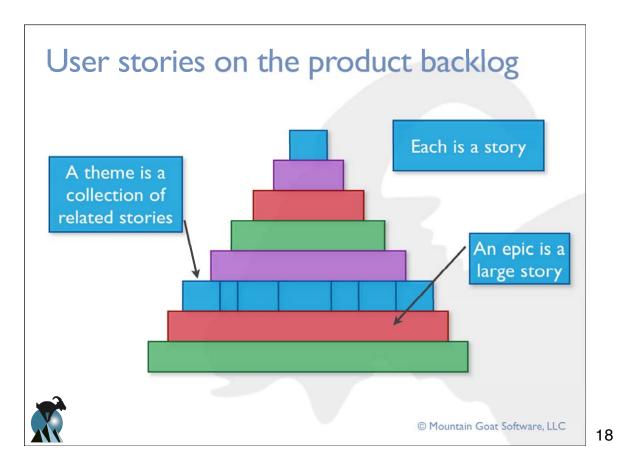
- As a user, I can cancel a reservation.
  - Does the user get a full or partial refund?
    - Is the refund to her credit card or is it site credit?
  - How far ahead must the reservation be cancelled?
    - Is that the same for all hotels?
    - For all site visitors? Can frequent travelers cancel later?
  - Is a confirmation provided to the user?
    - How?

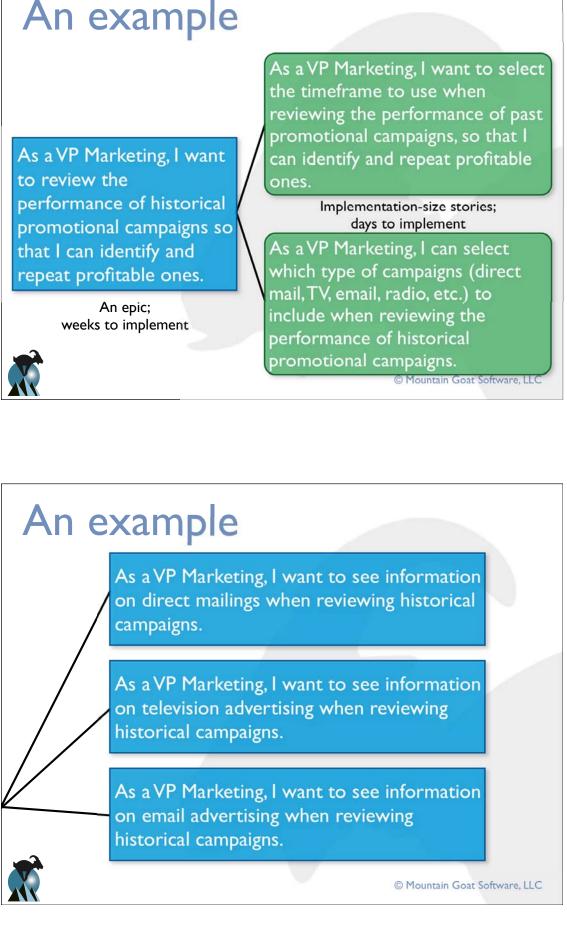


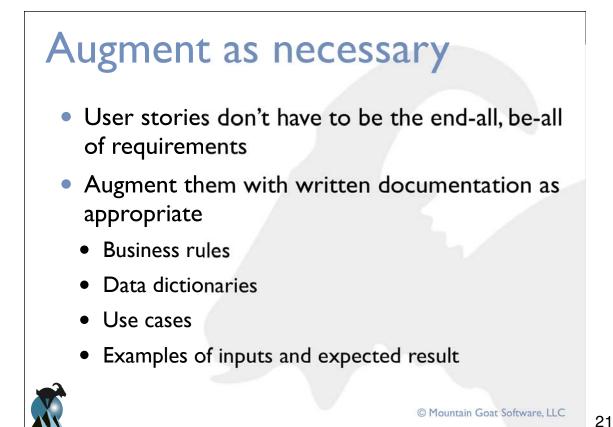






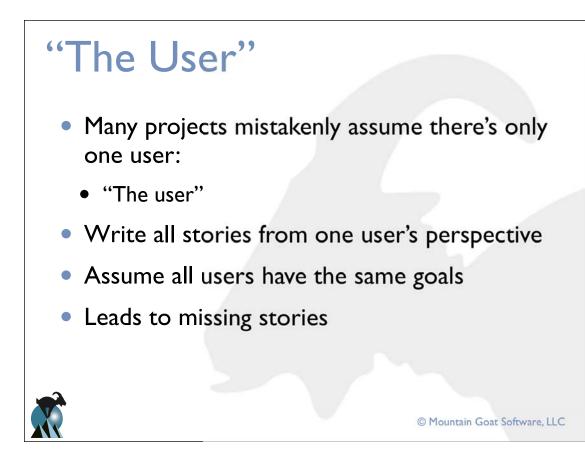






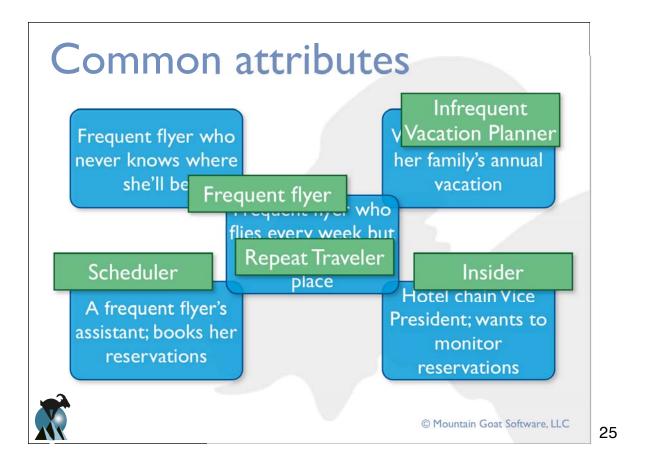
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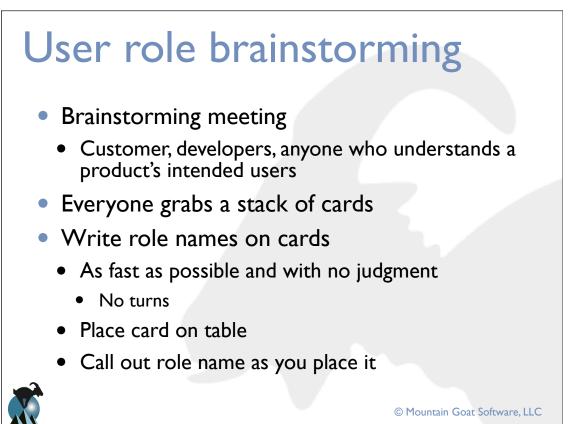
22



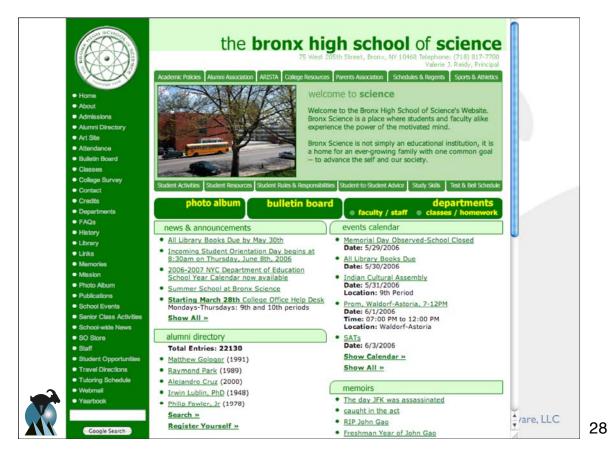
24

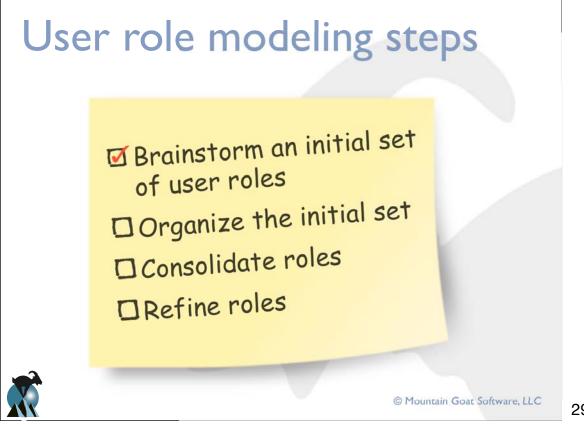
## <section-header> User roles Broaden the scope from looking at one user Allows users to vary by What they use the software for How they use the software for Background Familiarity with the software / computers Used extensively in usage-centered design

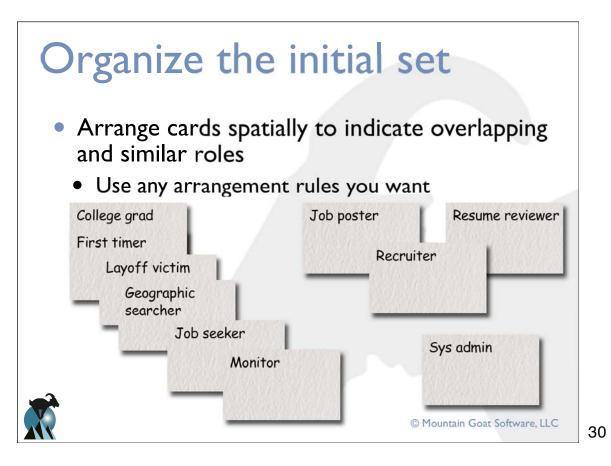


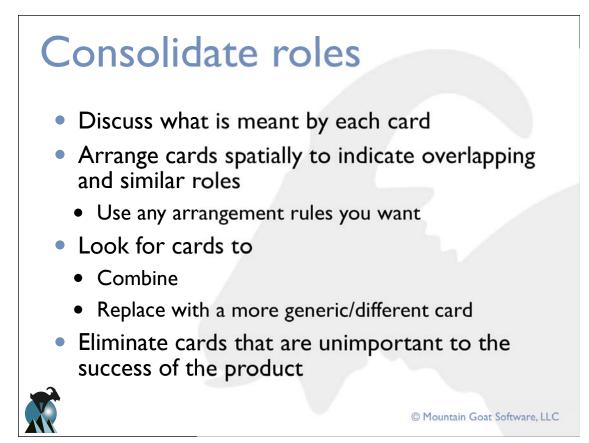


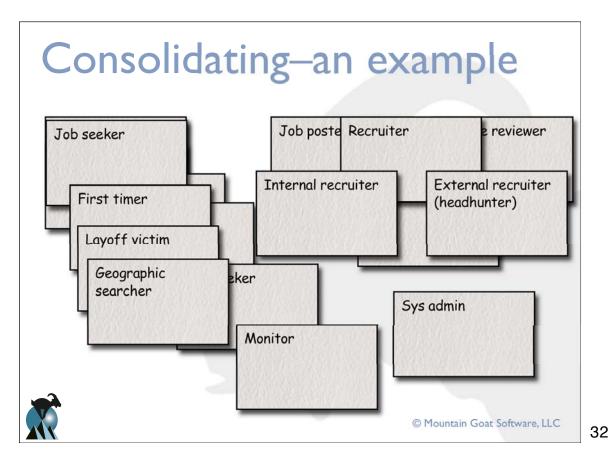


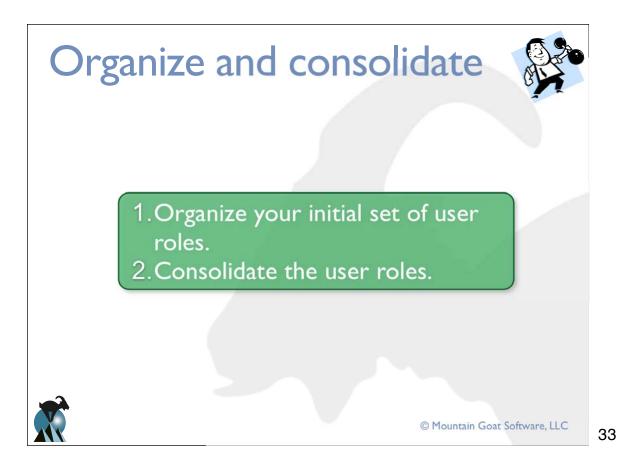


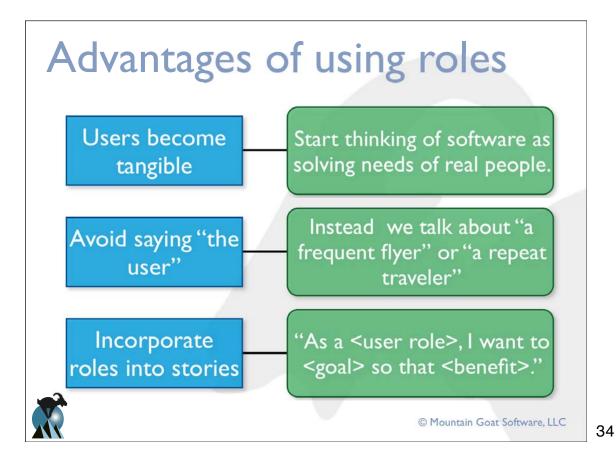


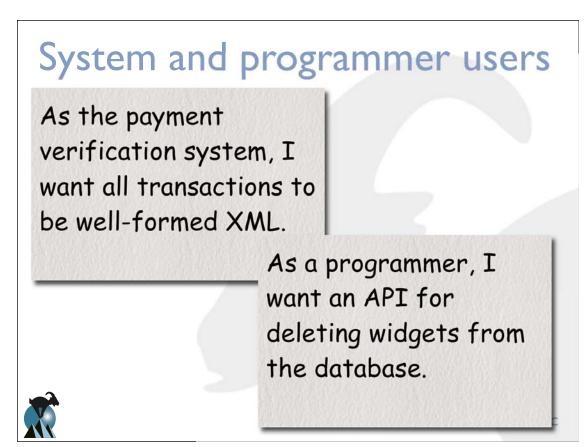












## Three variations

### Abusers

- Think of who might abuse the system
- Write stories to prevent these abuses

### Extreme characters

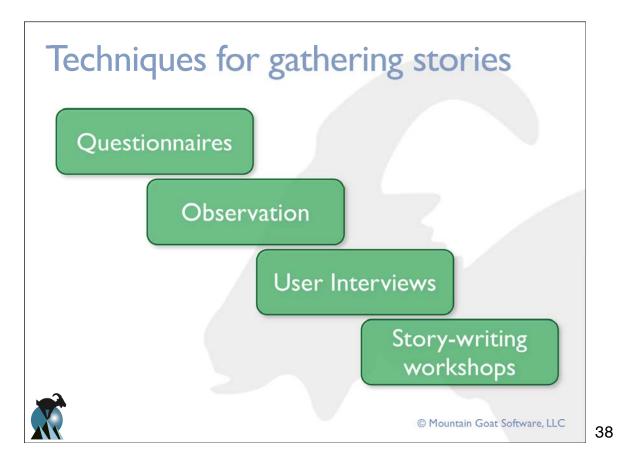
- Think of someone unlikely to use your product
- What might they want?

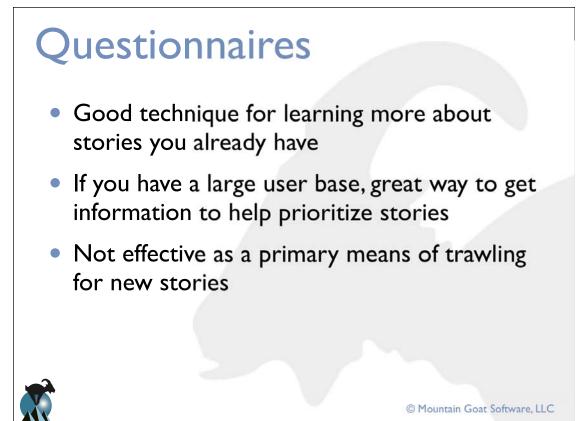
### Personas

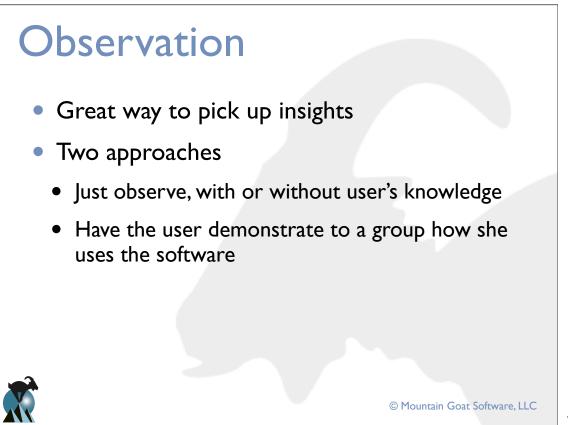
• Make a role real with a name, photo and so on

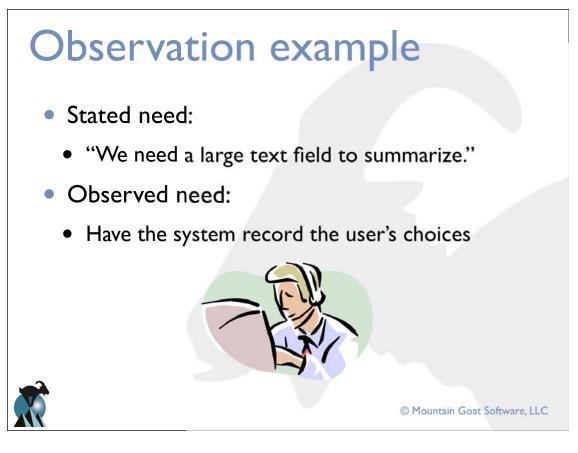
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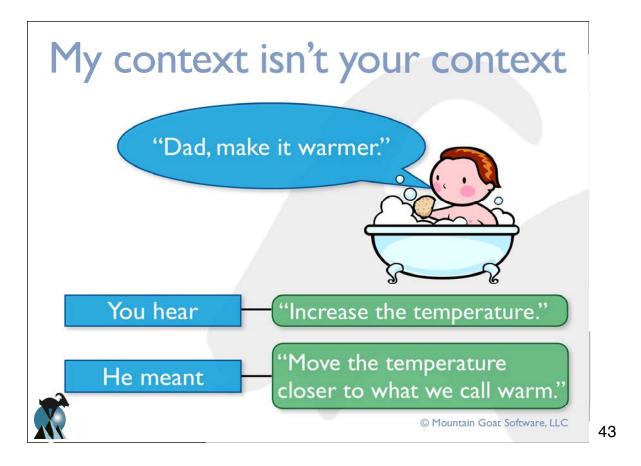


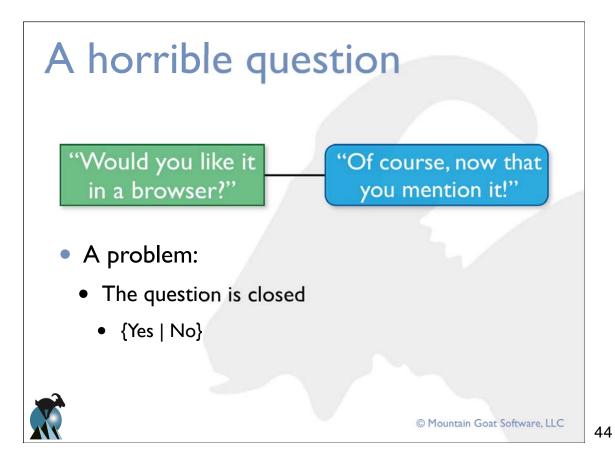


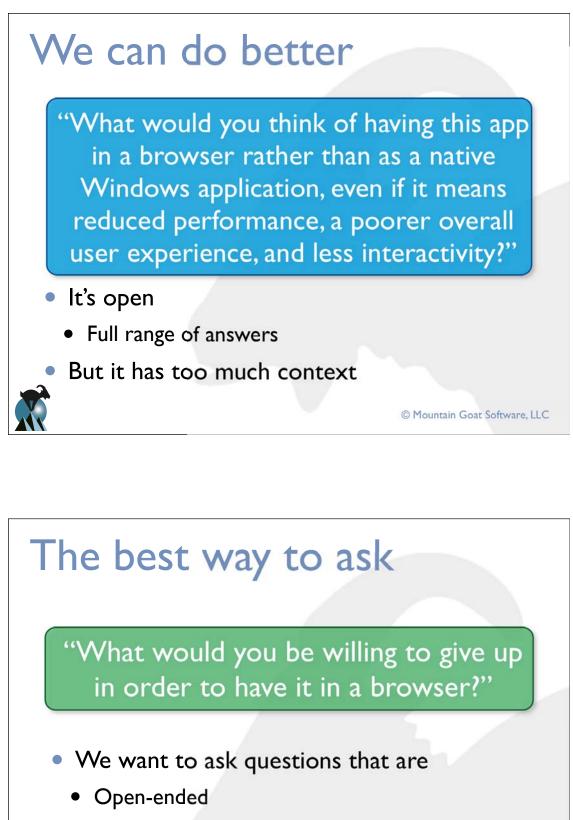




## Default approach taken by many teams Selection of interviewees is critical Try to interview as many user roles as possible Cannot just ask "So whaddaya want?" Most users are not adept at understanding their true needs



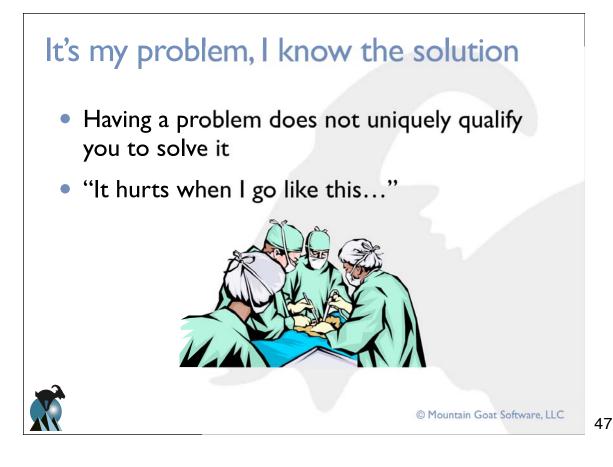


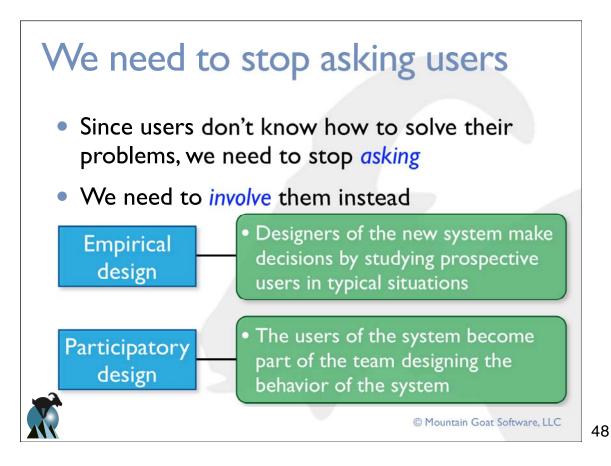


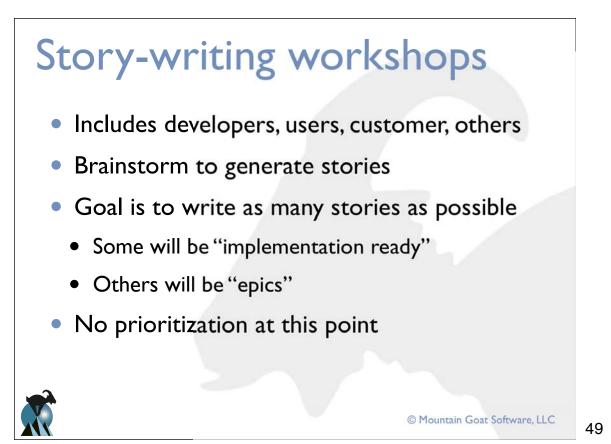
• Context-free

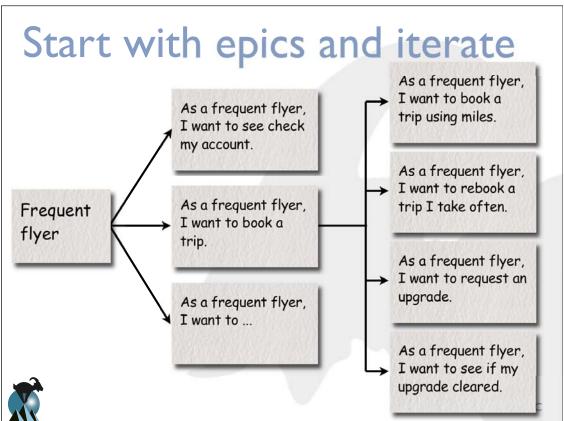


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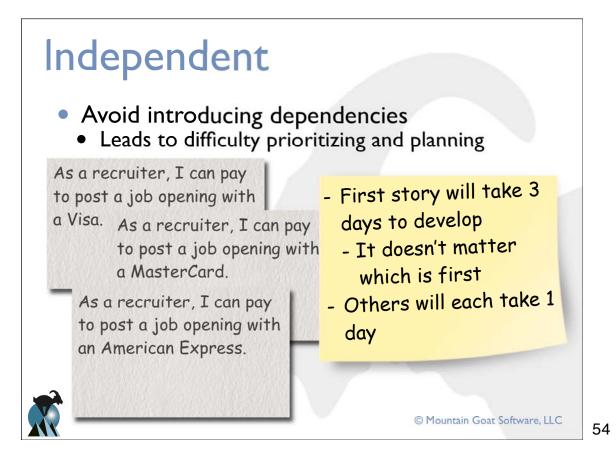


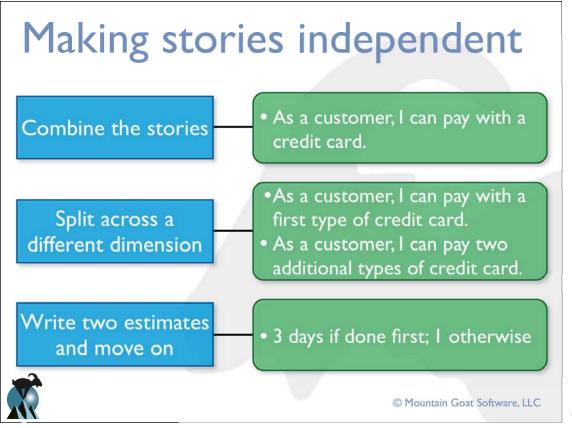


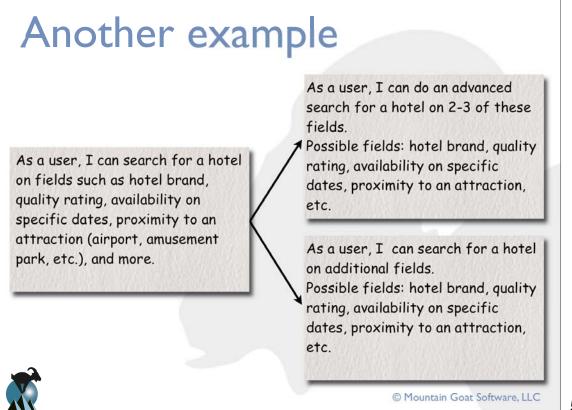










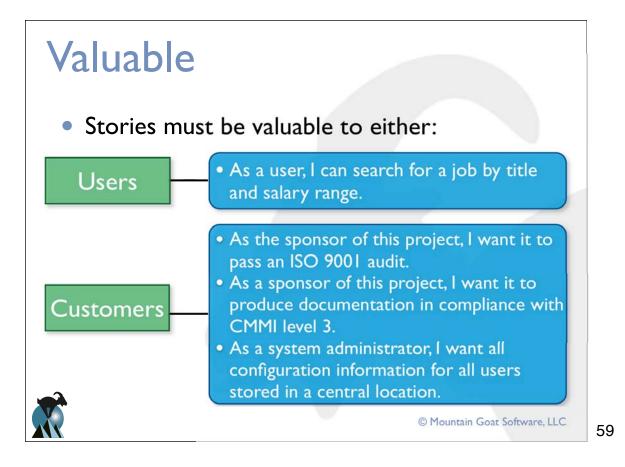


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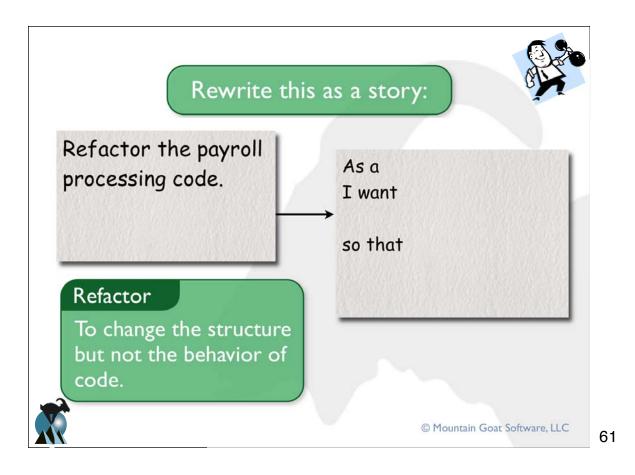
## Is this story negotiable?

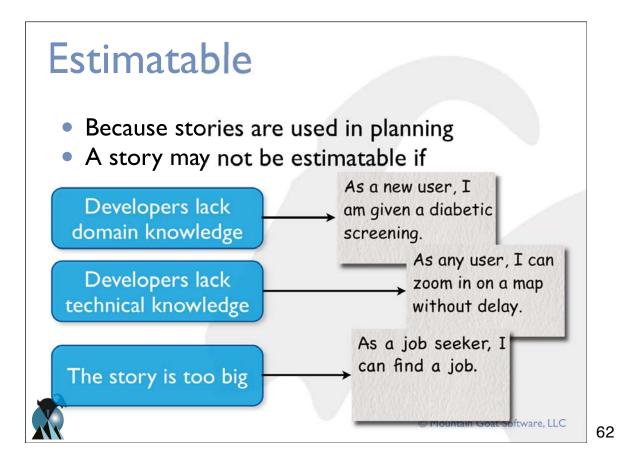
Print dialog allows the user to edit the printer list. The user can add or remove printers from the printer list. The user can add printers either by auto-search or manually specifying the printer DNS name or IP address. An advanced search option also allows the user to restrict his search within specified IP addresses and subnet range.

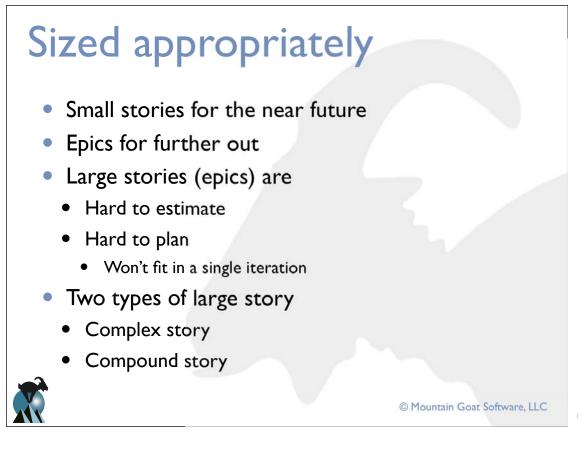




Stories valued by developers Should be rewritten to show the benefit All connections to As a purchaser of this system, I want it usable the database are by 50 users with a fivethrough a connection user database license. pool. All error handling As a user, I want all errors presented and and logging is done logged in a consistent through a set of manner. common classes. © Mountain Goat Software, LLC

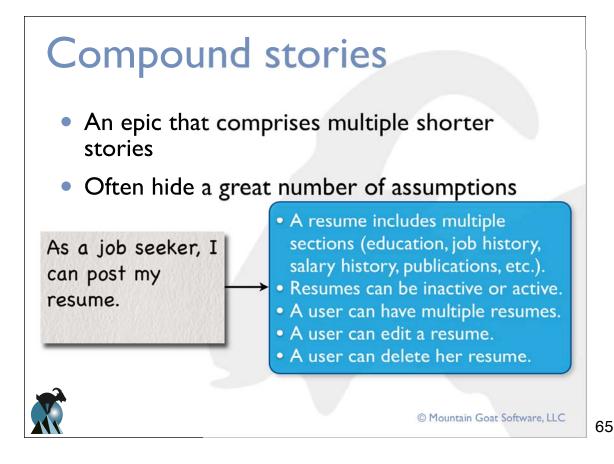


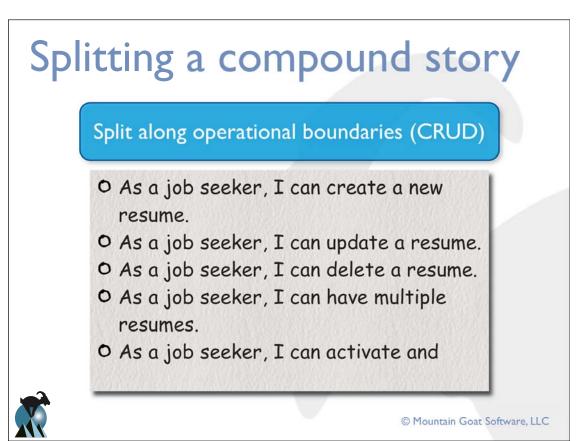


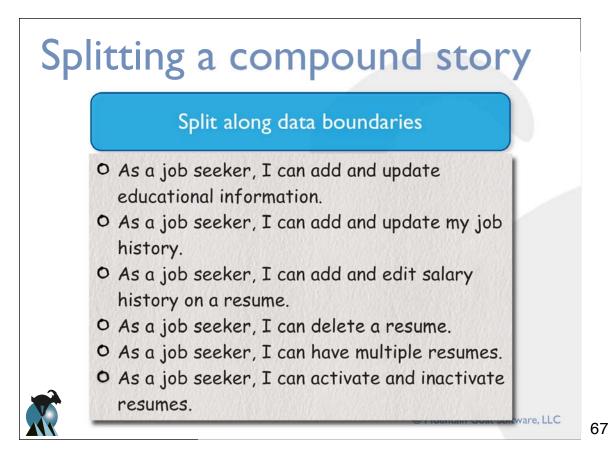


64

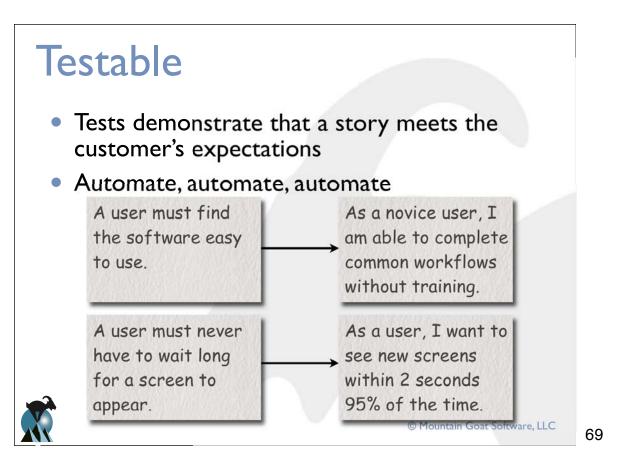
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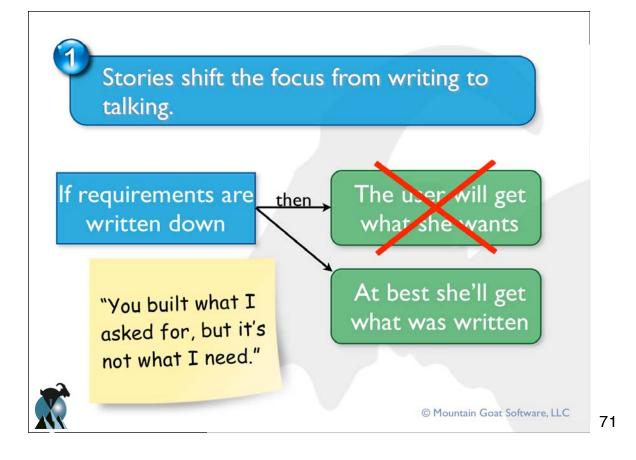


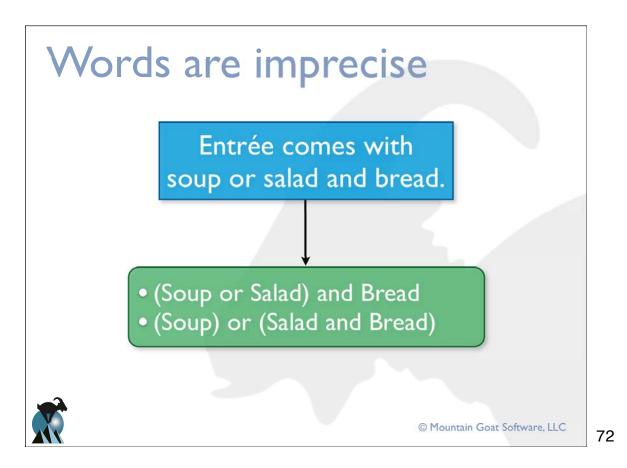


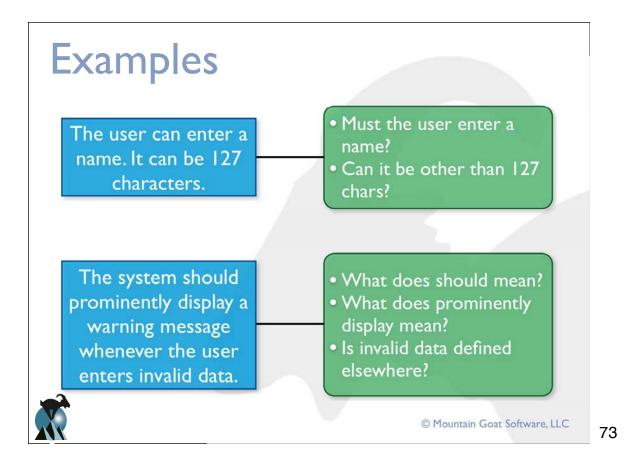




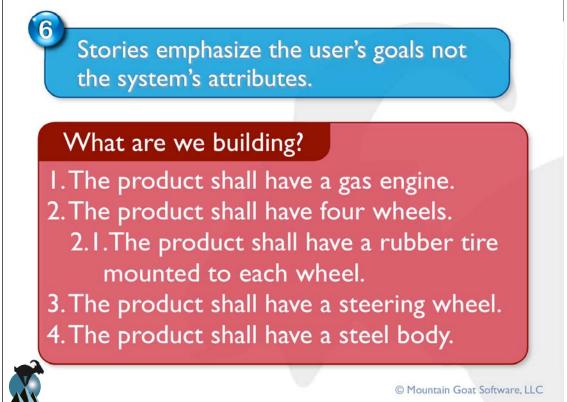












Date	What	Where	
April 10–11 April 12	Certified ScrumMaster Agile Estimating and Planning	Santa Clara, CA	
May 30-31	Certified Scrum Product Owner (with Ken Schwaber)	Boston, MA	
June 11-12 June 13	Certified ScrumMaster Agile Estimating and Planning	Dallas	
Jul 31-Aug 1 August 2	Certified ScrumMaster Agile Estimating and Planning	Denver, CO	
Sept   - 2 Sept  3	Certified ScrumMaster Agile Estimating and Planning	Orlando, FL	
Other classes	in London, Stockholm, and Oslo if you're	up for a longer trip.	

