

## Agile and Scrum 101 from the Trenches - Lessons Learned

PMI Pittsburgh Professional Development Day November 2016



Michael Nir President Sapir Consulting

www.sapir-cs.com

www.sapir-cs.com , Boston MA sapir@sapir-cs.com

## **Michael Nir**

- Transformation Inspiration Expert, Lean Agile Coach; empowers organizations to deliver results;
- President @ Sapir Consulting US LLC
- M.Sc. Engineering, PMP<sup>®</sup>, SAFe<sup>™</sup> accredited
- Author of 10 bestseller business books
- Global clients telecoms, hi-tech, software

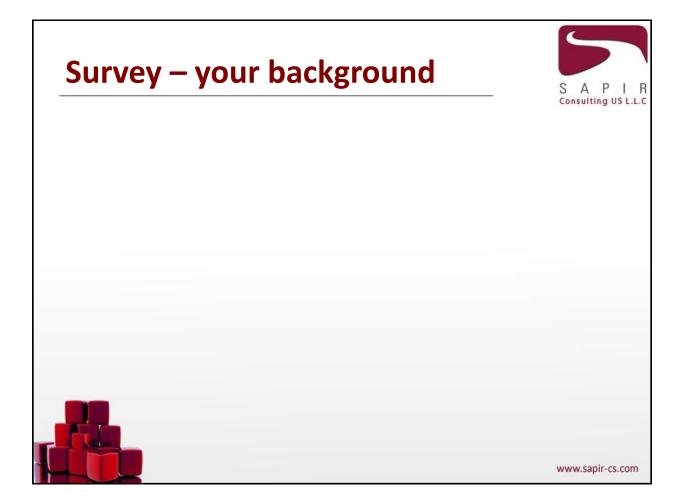
development, R&D environments and petrochemical

& infrastructure

m.nir@sapir-cs.com



www.sapir-cs.com



## **Change is Upon Us**



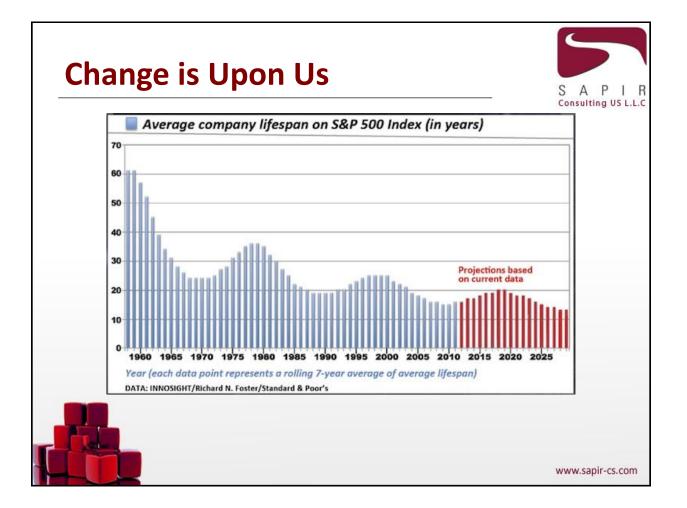
"The average lifespan of a company listed in the Standard & Poor 500 index of leading US companies has decreased from 67 years in the 1920s to just 15 years today"

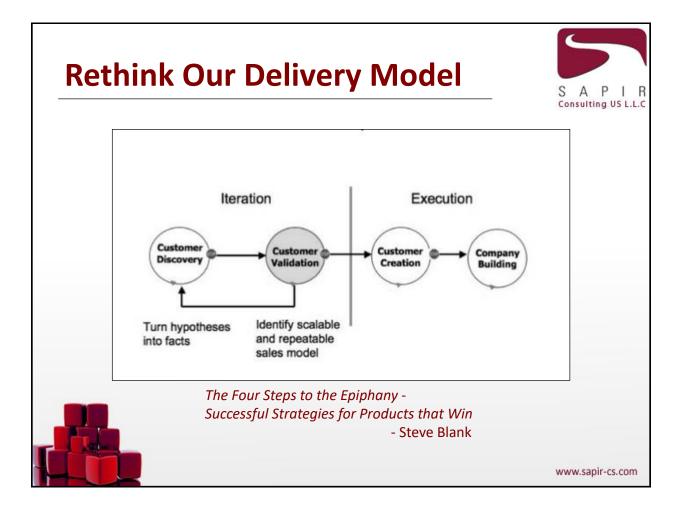
- Richard Foster, Yale

In 8 years time, "more than 3/4 of the S&P 500 will be companies that we have not heard of yet"

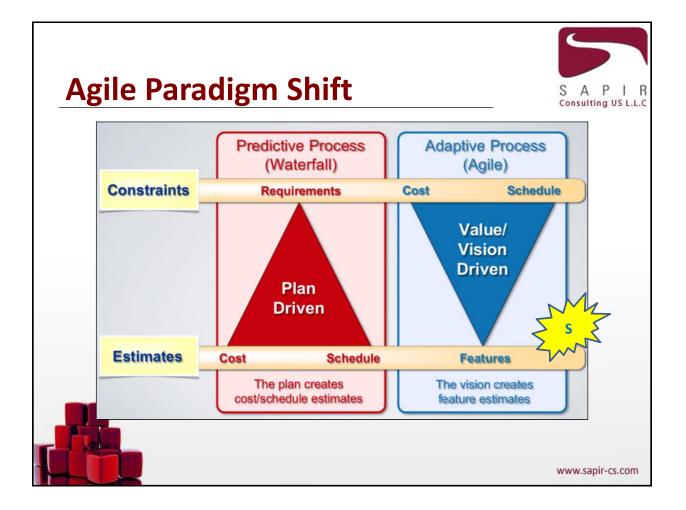
http://som.yale.edu/richard-n-foster

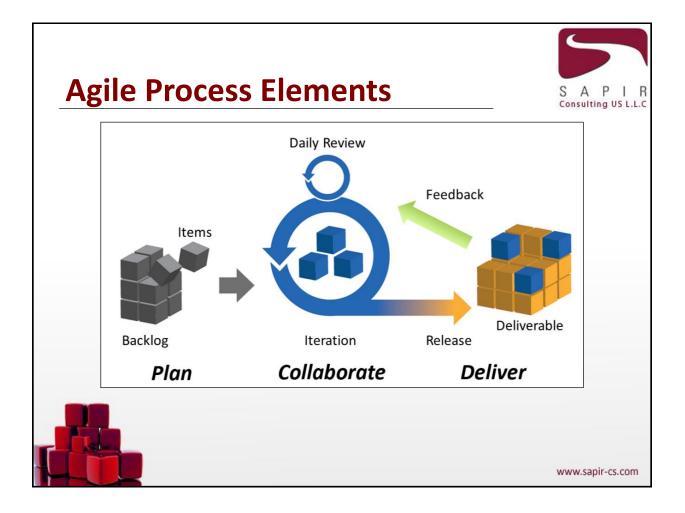


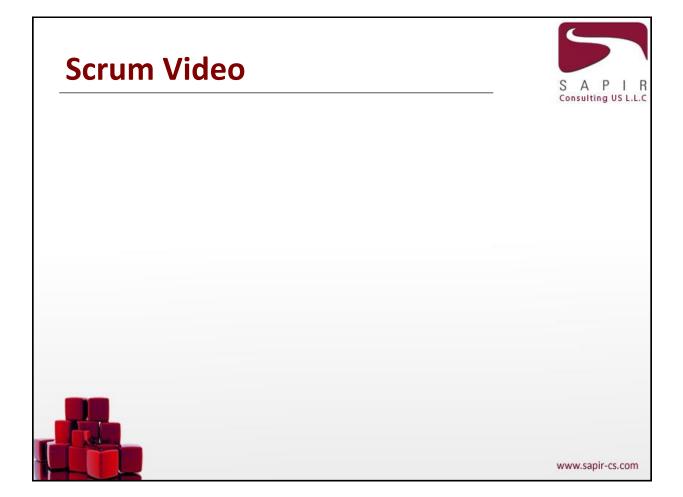




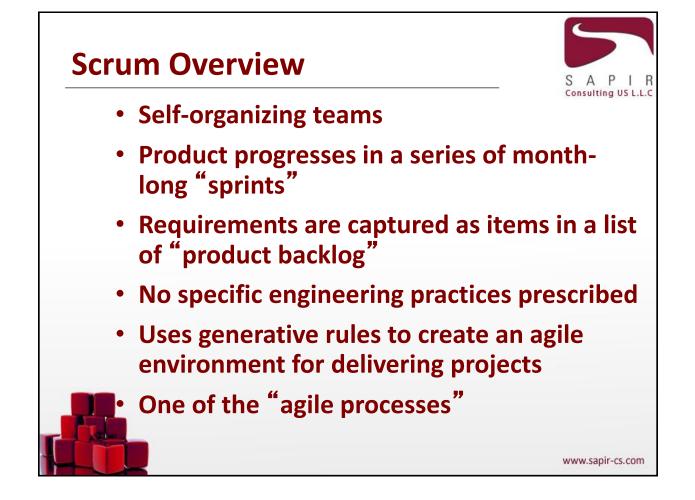


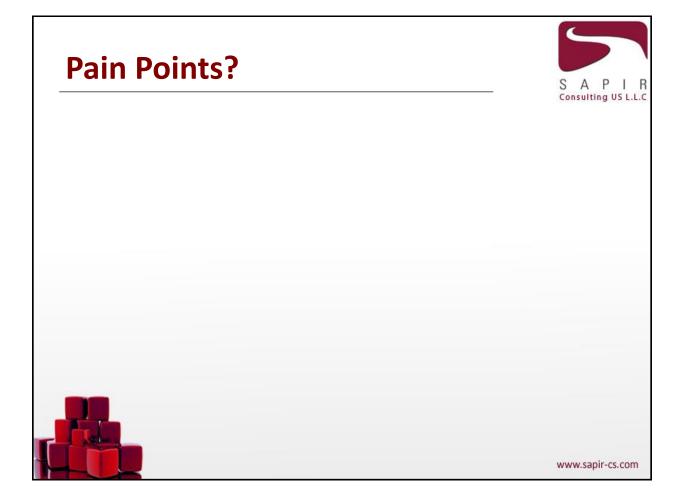




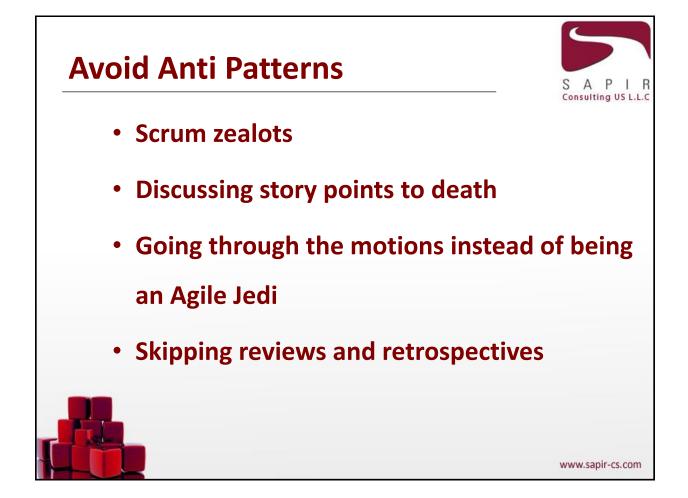




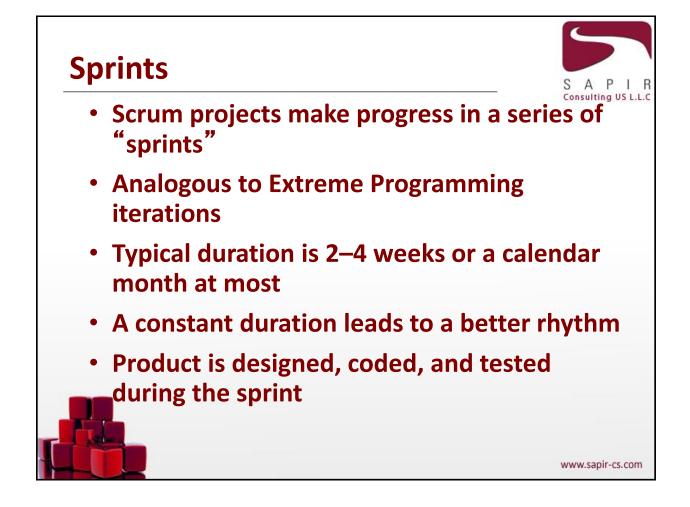


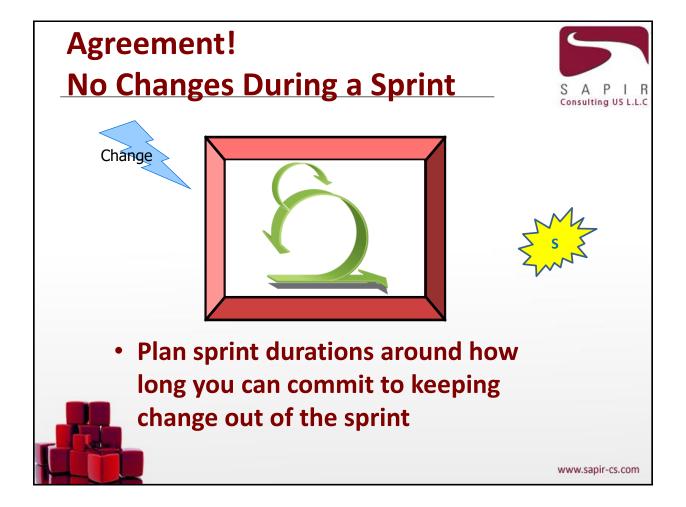


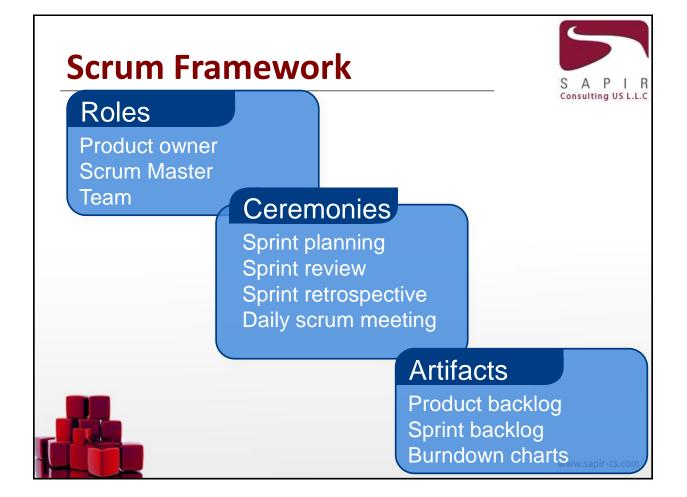


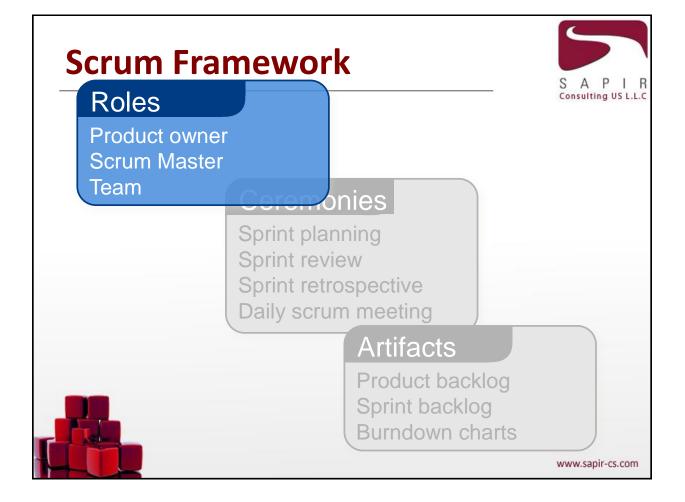


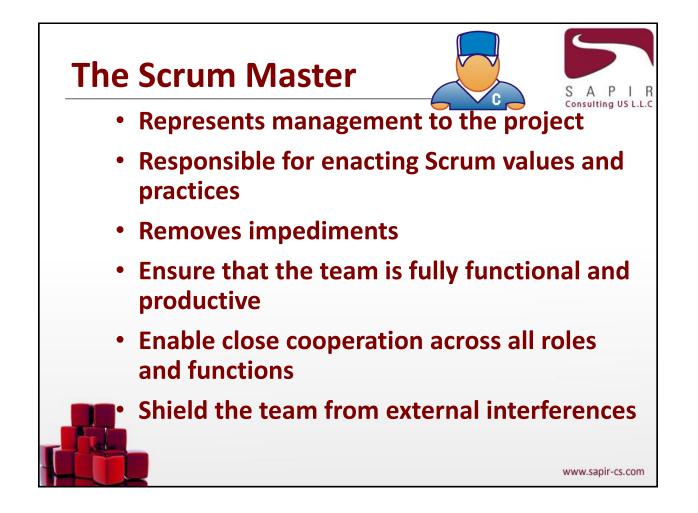


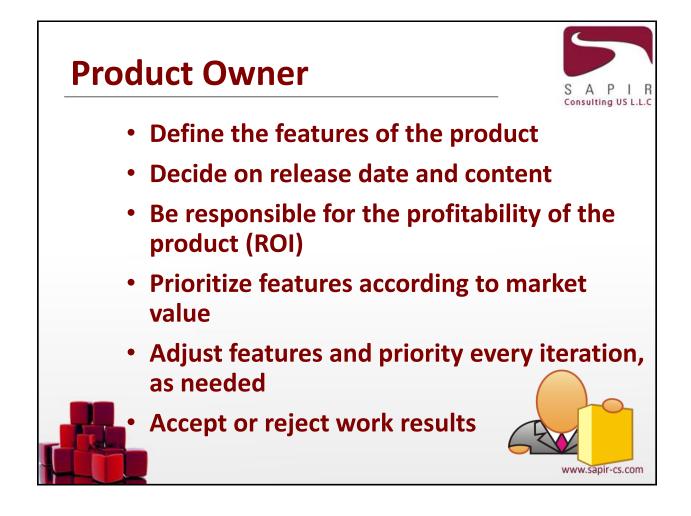


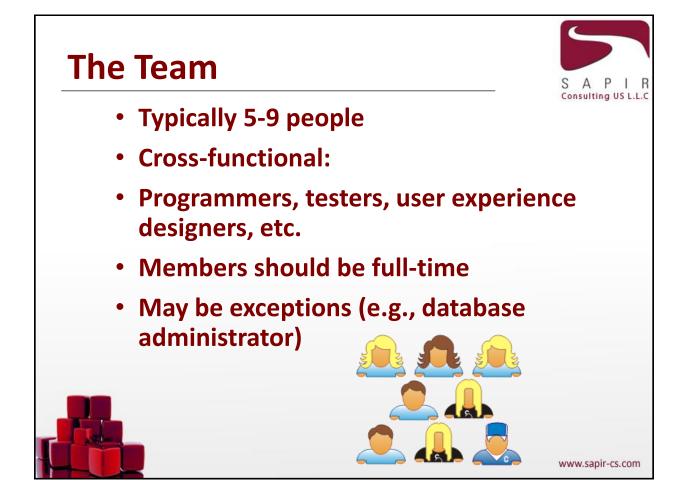


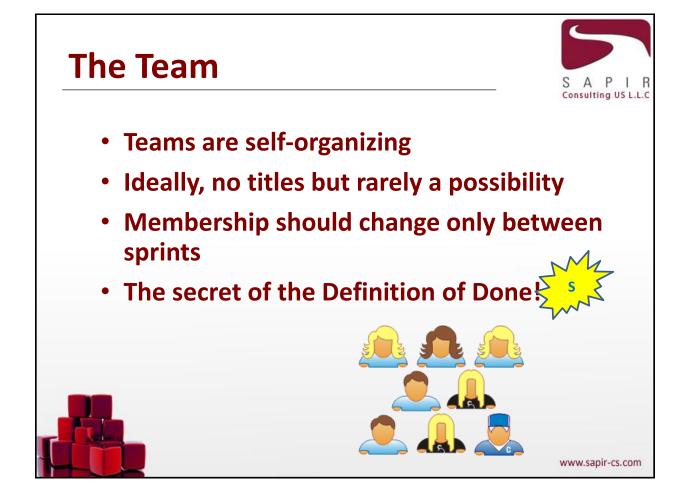


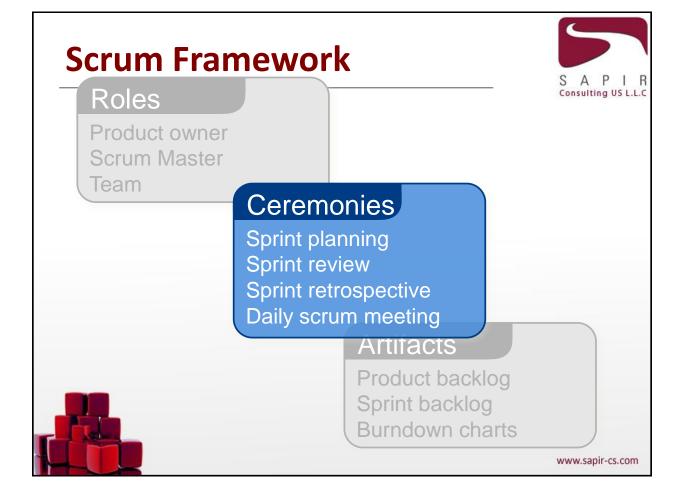


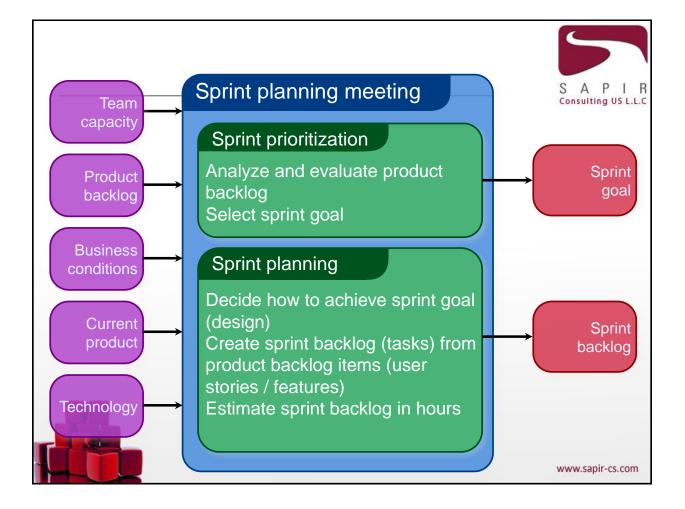


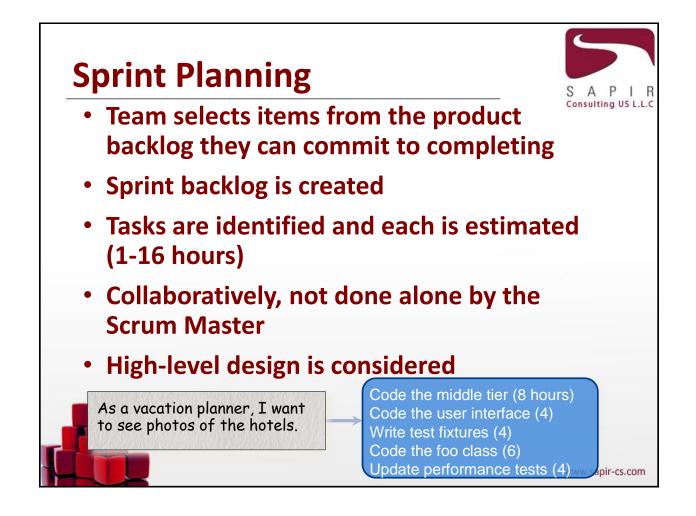


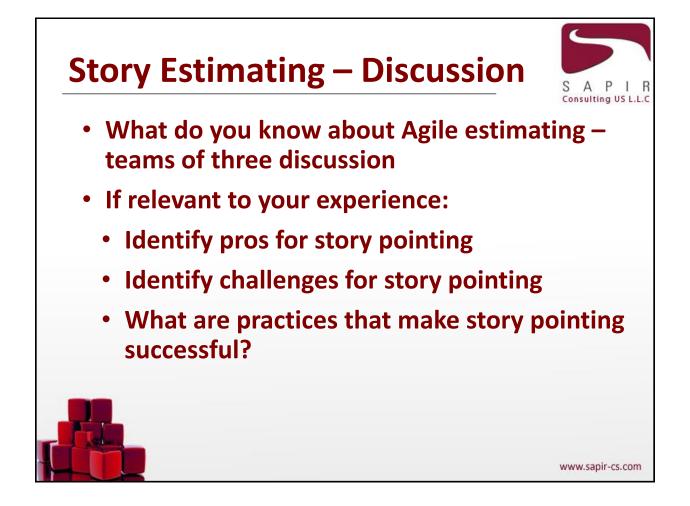




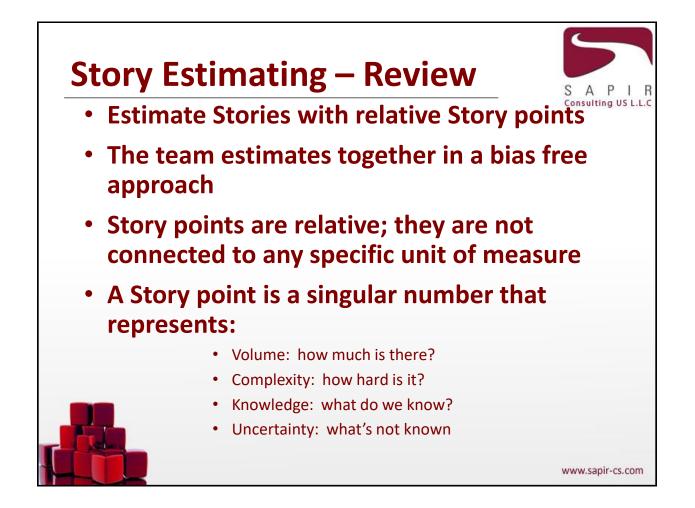


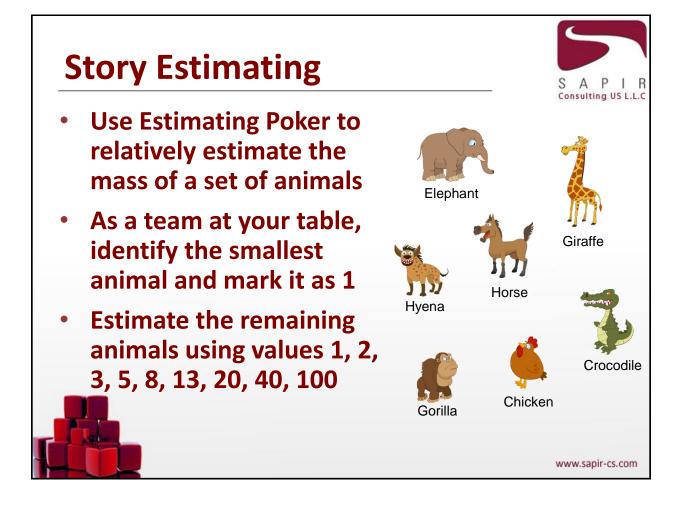












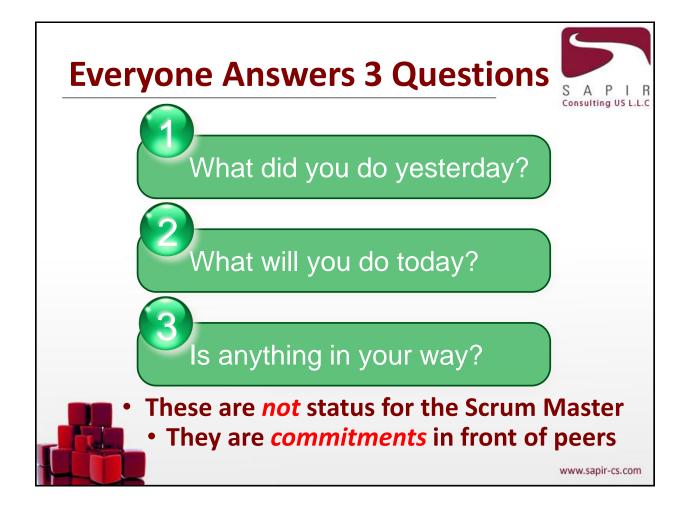
## The Daily Scrum

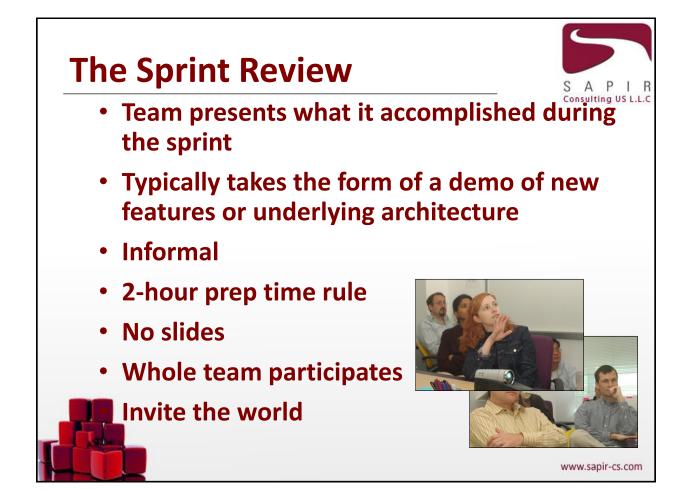
- Parameters
  - Daily
  - 15-minutes
  - Stand-up
- Not for problem solving
  - Whole world is invited
  - Only team members, Scrum Master, product owner, can talk
- Helps avoid other unnecessary meetings

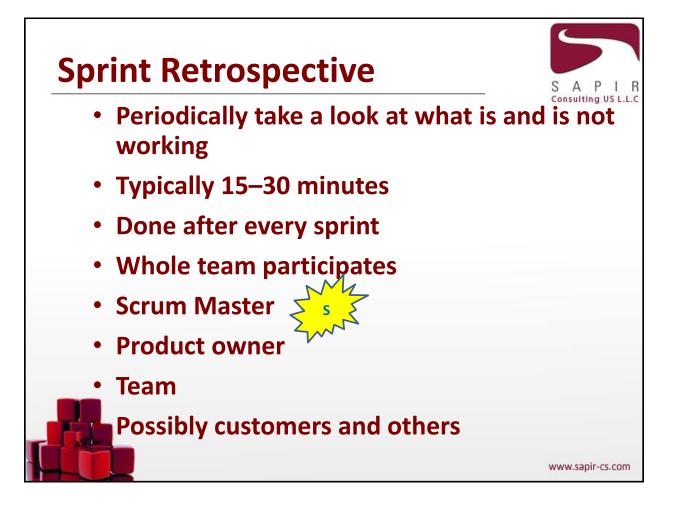


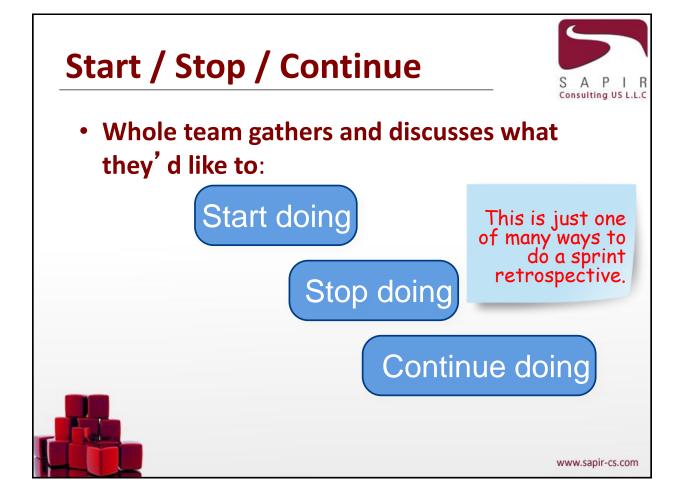


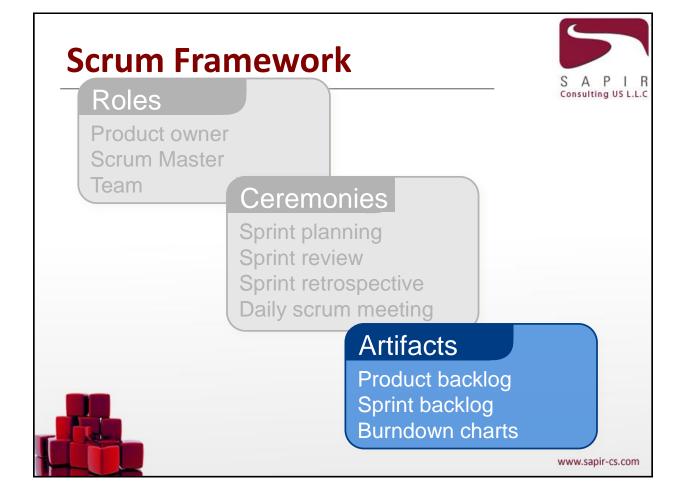
www.sapir-cs.com

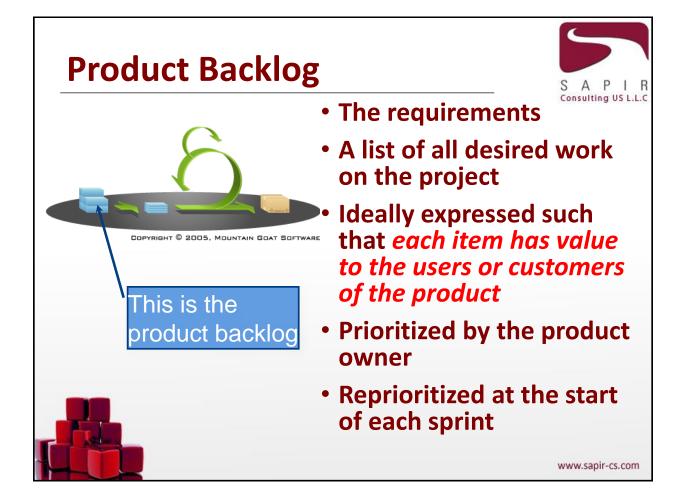




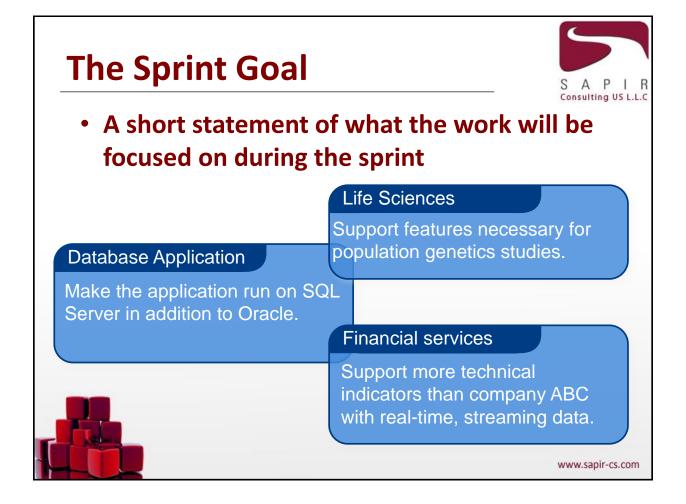


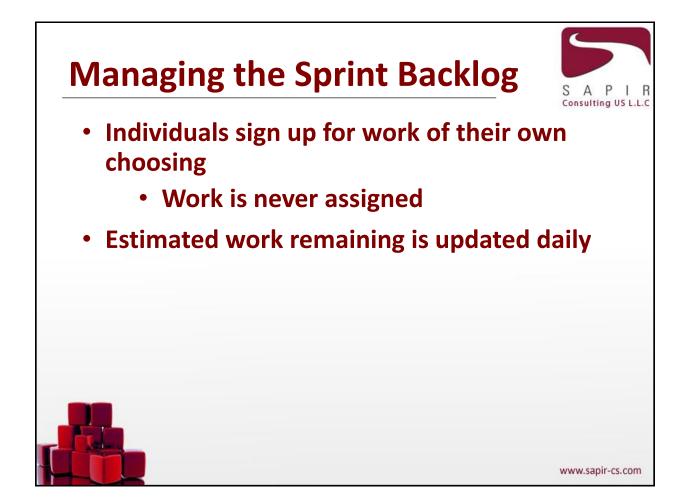


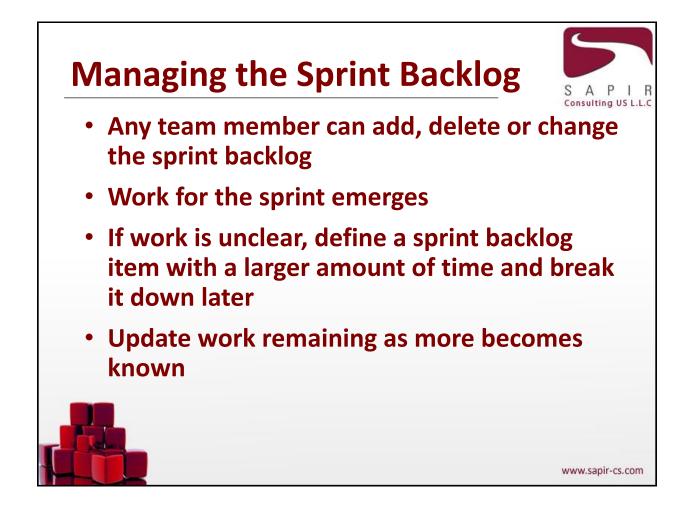




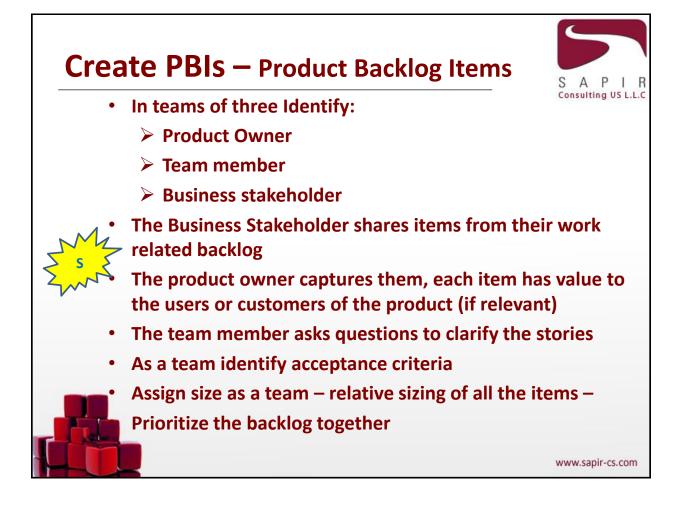
A Sample Product Backlog					
Backlog item	Estimate				
Allow a guest to make a reservation	3				
As a guest, I want to cancel a reservation.	5				
As a guest, I want to change the dates of a reservation.	3				
As a hotel employee, I can run RevPAR reports (revenue-per-available-room)	8				
Improve exception handling	8				
	30				
	www.sapir	-cs.con			











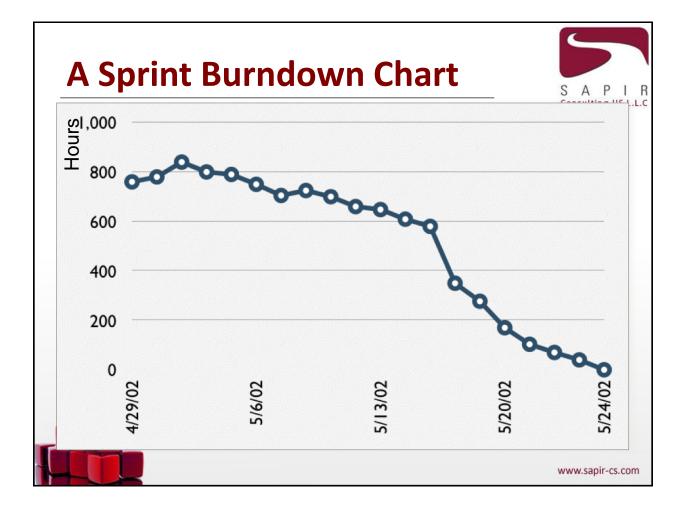
## **A Sprint Backlog**

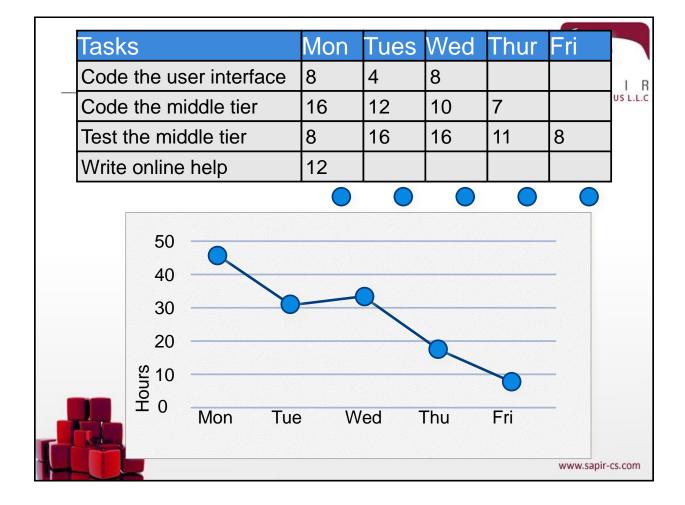


Tasks	Mon	Tues	Wed	Thur	Fri
Code the user interface	8	4	8		
Code the middle tier	16	12	10	4	
Test the middle tier	8	16	16	11	8
Write online help	12				
Write the foo class	8	8	8	8	8
Add error logging			8	4	

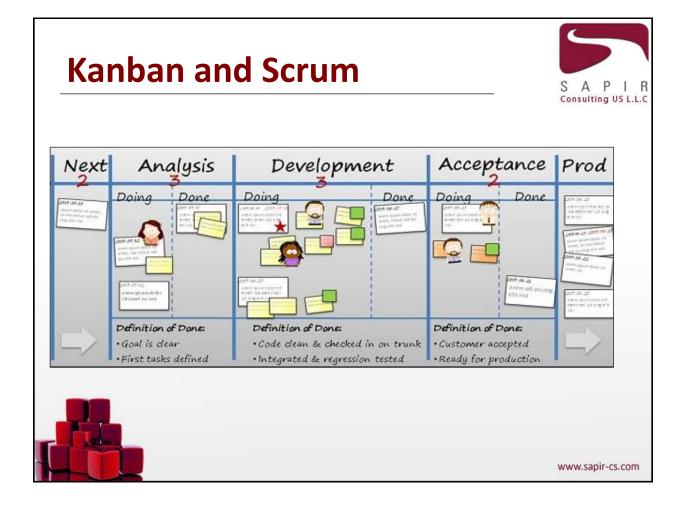


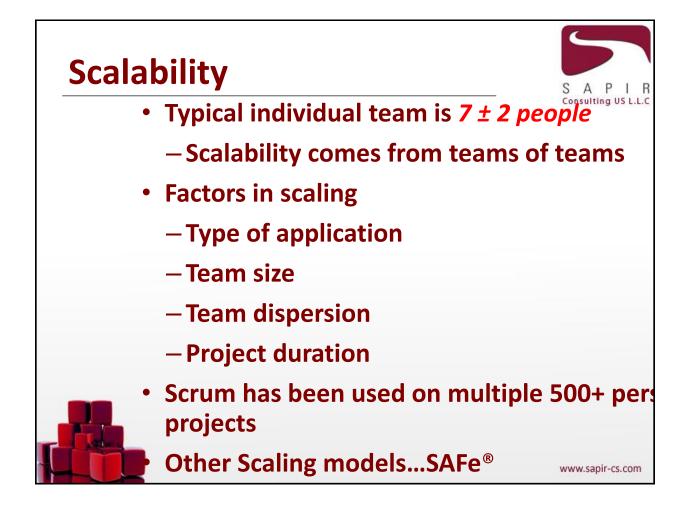
www.sapir-cs.com

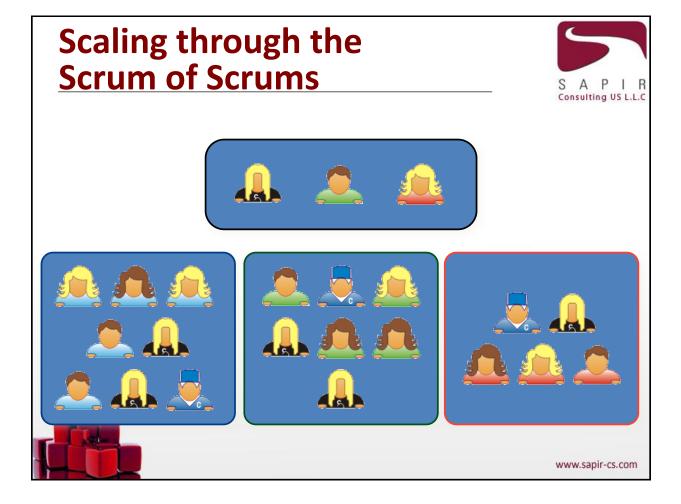


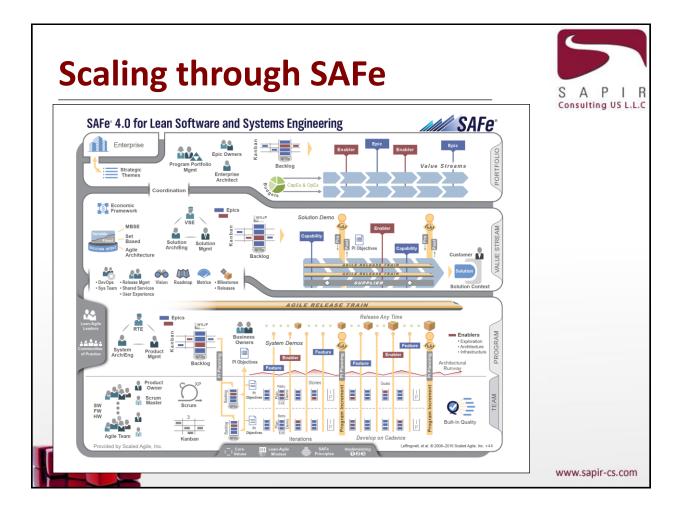


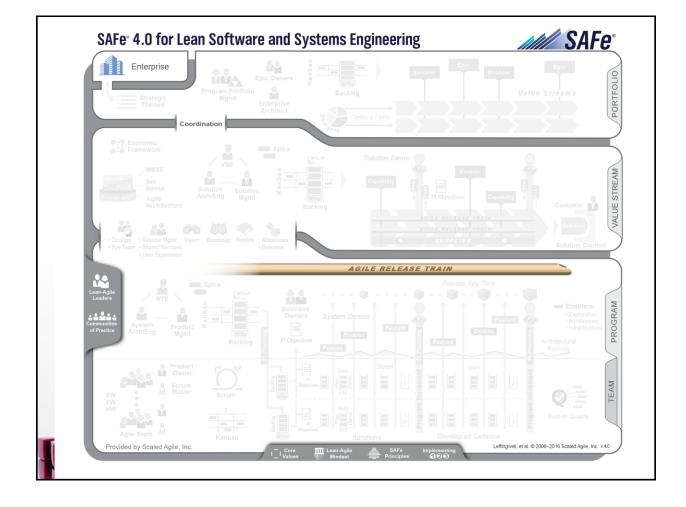


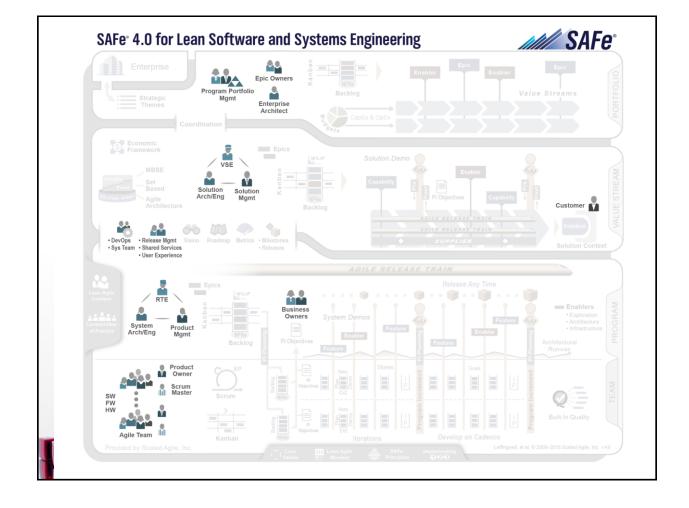


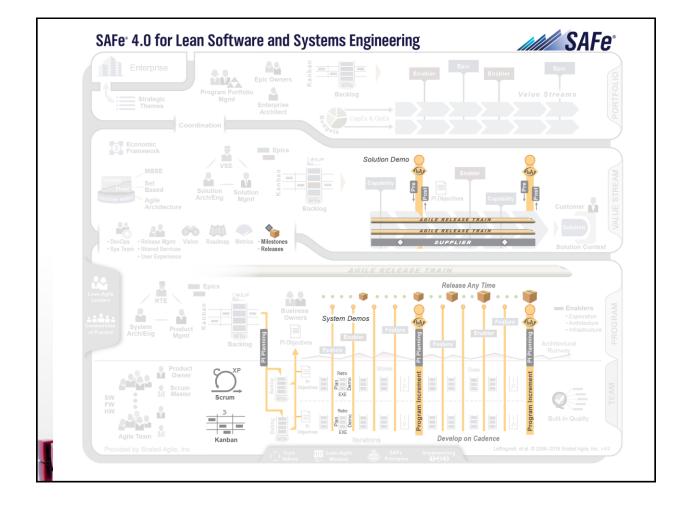


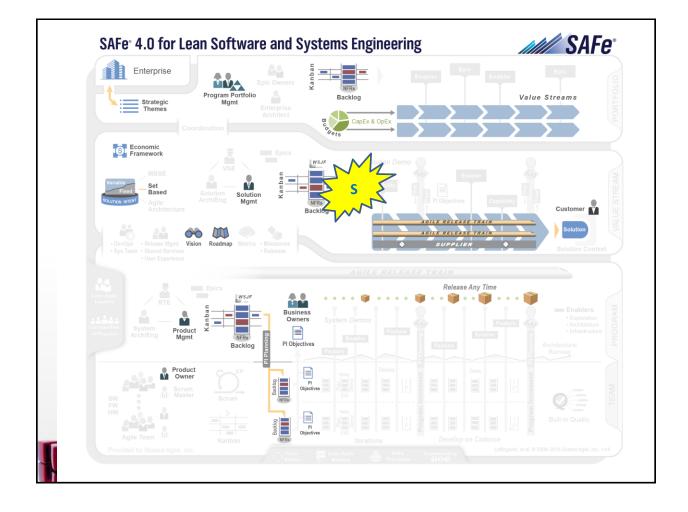




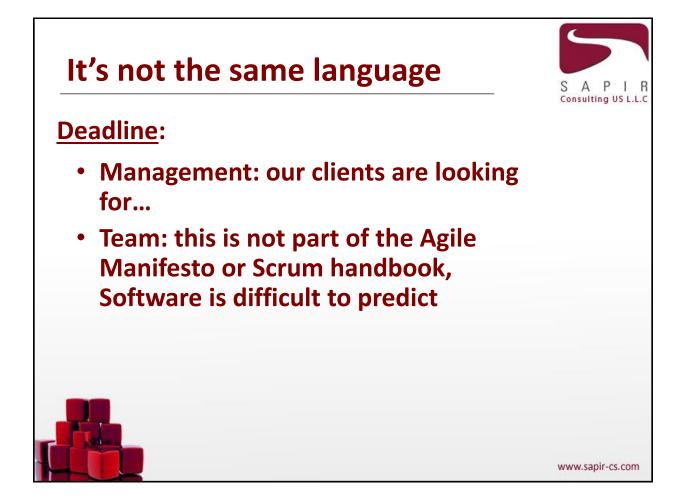






















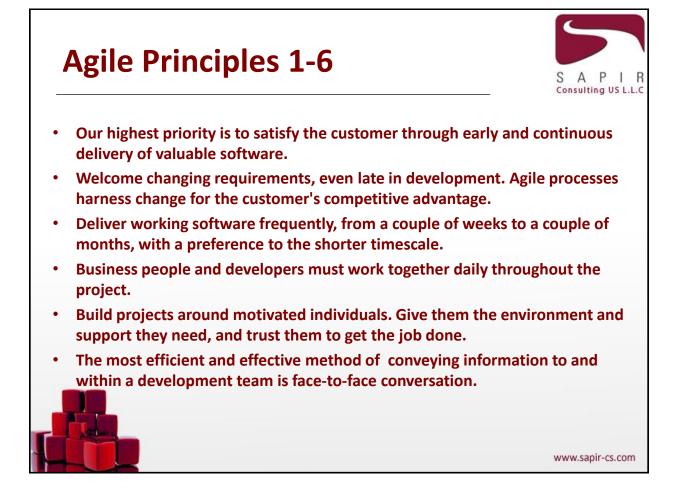


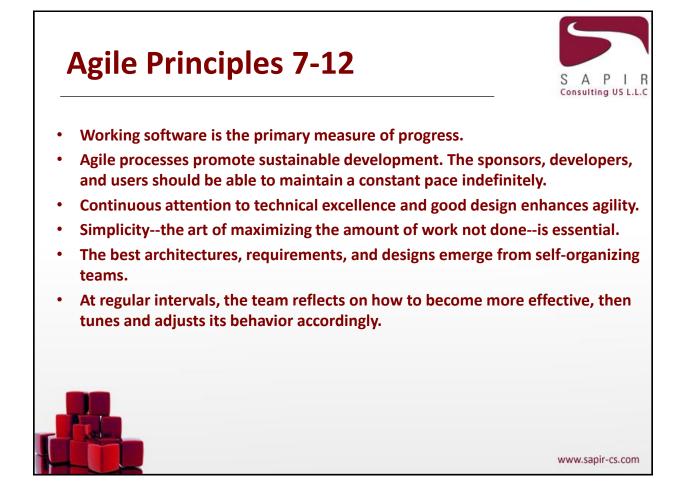


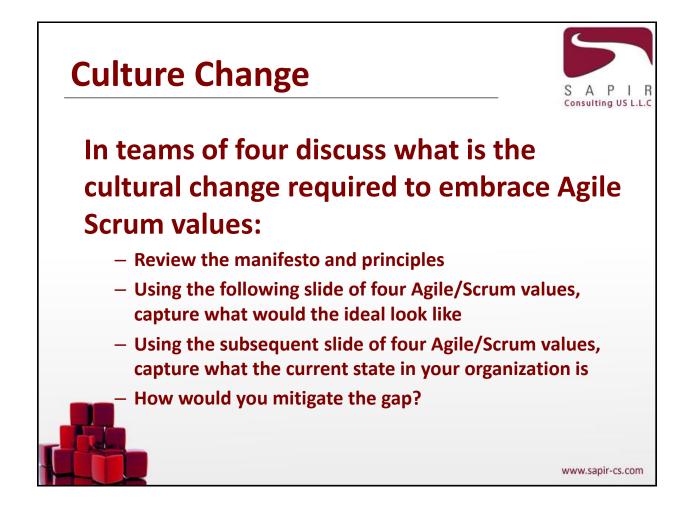






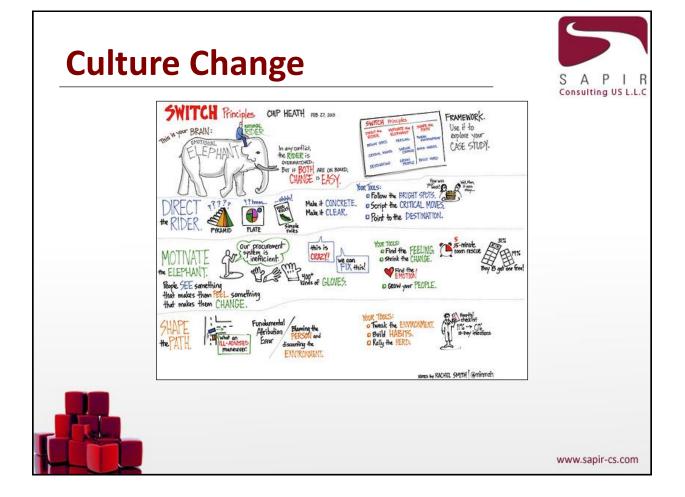


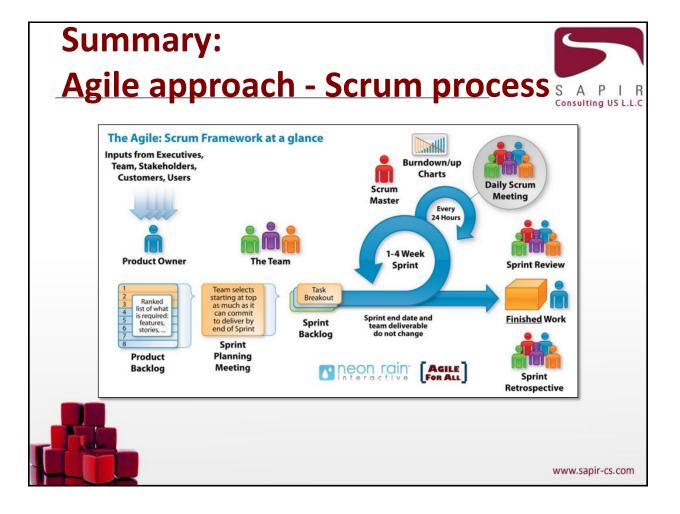




<b>Collaboration</b>	Empowerment
Ideal:	Ideal:
Solf Managament	Sorvant Loadorshin
Self-Management	Servant Leadership
<u>Self-Management</u> Ideal:	<u>Servant Leadership</u> <u>Ideal:</u>

Collaboration	Empowerment
Current:	Current:
Self-Management	Servant Leadership
Ideal:	Ideal:







www.sapir-cs.com , Boston MA sapir@sapir-cs.com

