February 2018

158.753 Readings

I suggest you do the readings that I mentioned here before you come to the on-campus course meetings.

Please note that all materials, for which no URLs are provided, are available at Massey University library.

For March sessions:

1 Rapid application development,
   https://en.wikipedia.org/wiki/Rapid_application_development

2 Manifesto and the Principles for Agile Methodology,
   http://agilemanifesto.org/

3 Agile Software Development
   https://en.wikipedia.org/wiki/Agile_software_development

4 Extreme programming,   https://en.wikipedia.org/wiki/Extreme_programming

5 The Scrum Guide,
  http://www.scrumguides.org/docs/scrumguide/v2017/2017-Scrum-Guide-US.pdf

6 Version Control – https://en.wikipedia.org/wiki/Version_control

7 Git **https://en.wikipedia.org/wiki/Git**

8 GitHub https://en.wikipedia.org/wiki/GitHub

Optional:

1. McConnell S., "Rapid Development: Taming Wild Software Schedules",
   Microsoft Press, 1996, pages 5-28,109-132

2. Shore J., Warden S., "The Art of Agile Development", O'Reilly, 2008

3. Pham A., Pham PV., "Scrum in Action", Cengage Learning, 2012

4. Chacon S., Straub B., "Pro Git", 2nd Edition (2014)
https://git-scm.com/book/en/v2

For April sessions: (provisional list)

1. Janes A., Succi G., "Lean software development in action", Springer, 2014

2. Poppendieck M., Cusumano M. A.," Lean Software, Development: A Tutorial" In: IEEE Software. Sept-Oct, 2012, Vol. 29 Issue 5

3. Kanban https://en.wikipedia.org/wiki/Kanban_(development)

4. Scaled agile https://en.wikipedia.org/wiki/Scaled_agile_framework

5. Code reuse, https://en.wikipedia.org/wiki/Code_reuse

6. Legacy system, https://en.wikipedia.org/wiki/Legacy_system

7. Legacy modernization, https://en.wikipedia.org/wiki/Software_modernization

8. Standish Group 2015 Chaos Report - Q&A with Jennifer Lynch https://www.infoq.com/articles/standish-chaos-2015