

Master thesis: How agile and open innovation (OI) interplay?

Problem description: Agile and OI do not get along well, especially when dealing with the management of innovative requirements and release planning [1]. Agile requirements backlogs do not have room for innovative requirements since short iterations, a feature backlog and stand up meetings make it extremely tough to play around or share ideas outside your team.

Research methodology:

1. A case study with two software intensive organization or at-least one.
2. Organizations must be using and contributing to OSS communities in order to be a representative case of open innovation

Thesis outcomes:

1. Key challenges related to agile and OI interplay
2. What are the consequences of those challenges on agile development methodology
3. Do we need to tailor agile to better fit open innovation
4. Possibility of a publication depending upon the quality of the work

What is expected from you before contacting?

1. Read about Open innovation and the study mentioned below in the references
2. I am expecting a bullet points outline of your research methodology based on the Conboy study[1]. Furthermore, you may scan the reference list of the aforementioned study to find more relevant papers on OI and agile.
3. If you are interested, please contact me.

Contact Supervisor:

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References:

- [1] K. Conboy and L. Morgan, "Beyond the customer: Opening the agile systems development process," *Inf. Softw. Technol.*, vol. 53, no. 5, pp. 535–542, May 2011.