**Semi-structured interview questions outline**

Clarification questions

1. Can you describe yourself and your company and self-evaluation about the company operation ?
   1. Year of experience in this field? Working time for this company
   2. How long have the company operated? How many people who are working full-time in the company? Will the company have gain more customers or develop more products or hire more new people in near future?
   3. What is the products of the company? Which stage are you think your company are in? ( R&D or Growing phase )
   4. Will the company have gain more customers or develop more products or hire more new people in near future?
2. Can you tell me your own experience with Agile and LEAN methodologies before? Can you describe them in a short sentences ?
   1. Can you give me a short description of Agile and LEAN based on your understanding? Have you heard about the term of LEAN start-up ? Do you think it is the original idea of Agile and LEAN?
   2. Can you tell me about your opinion toward LEAN and Agile in software development?
   3. Do you think they will be popular methodologies in recent years and that is the reason?
   4. How long have the company started to use these Agile and LEAN, how it start ?

Researched company context

1. In which aspect do you think your company can compare to a LEAN start-up
   1. Base on your own experience, can you described about how LEAN start-up?
   2. Can you tell me about the similarity and differences if your company is not that type of company?
   3. What is the practices that your company are using? Why they are used?
   4. When the company started to use them?
   5. Can you give me your idea about agility in software development?
2. How do you think about your company agility? How did your company stay agile ?
   1. How did you do to keep agility of the company while growing and what is the difficult and challenges?
   2. Do you have any breakthrough with this adoption and your comments?
   3. What have to be changed and what need to be kept ?
3. How are you and your colleague using Agile practices? Which Agile framework or methodologies have you use?
   1. Can you describe it ? Is it a large-scale Agile framework ?
   2. Are they doing exactly as the company guidelines? Can you describe their modifications to the original rules if have ?
   3. Did it take long time for your colleague to get use to Agile practices?
   4. How are the results in short term and your expectation?
   5. If there was changes in methodologies what is the reason ?
4. Can you describe the opinion of your colleague when using them
   1. What are the advantages and disadvantages of Agile which they often think about? Are they having trouble to use them
   2. Did they have any suggestion for that ?
5. Do you think they are helpful for your company ?
   1. Your own experience in using these practices
   2. Do you want to have any suggestion?
   3. What should be kept and what should be removed ?

Situational questions outline

1. Can you verify what you mean when you are saying … ?
2. How did you do when you want to … ?
3. What is … from your opinions ? Is it effective ? What are the drawbacks ?
4. Do you want to ask me anything more about … ?
5. Can I ask about the company’s future plan for software engineering management strategy?