**1. Bibliographic Data**

* **Title:** Why Your Agile Organization Needs a High-Performing Requirements Engineering Competency
* **Authors:** Howard Podeswa
* **Year:** 2023
* **Publication:** Requirements Engineering Magazine – IREB

**2. Theme of the Paper**

* **Scientific area:** Requirements engineering in agile organizations
* **Specific topics:**
* the core role of RE in agile environments
* challenges in managing shifting and often ambiguous requirements in agile projects
* strategies and best practices for building a successful RE competency
* how combining formal RE methods can contribute to agility, product quality and stakeholder satisfaction

**3. Synthesis of the Paper**

**Motivation and importance:**The paper points out that even under the agile ideas where the speed of iterations and flexibility are the goal, good quality and well-performing requirements engineering skills are still required. Agile teams often fail in managing and capturing altering stakeholder needs with no formal RE practices. One can end up with misunderstandings and suboptimal product outcomes.

**Main background information and state of the art:**The paper compares classical RE with the more agile techniques that are used in the current day. It comments that agile's cooperative and iterative way of work may lose sight in certain situations due to the formality in eliciting requirements. The paper says that even though agile promotes flexibility and agility, without a strong RE base, projects may go away from user requirements and later be affected with quality problems.

**Main findings and results:**  
The paper presents various strategies for the incorporation of RE into the agile life cycle such as the injection of RE practices into the life cycle, investment in agile team training and the use of supportive tools with clear documentation and traceability. The strategies not just steer clear of the usual failures in agile development but ensure overall project success through the clear control and comprehension of requirements

**Main conclusions and discussion Points:**  
Most importantly, it maintains that agile organisations cannot envision RE to be a thing to do one-time or in the initial instance. It must instead be a continual capability infused in every product development process phase. Possessing that overall strategic capability facilitates improved decision making, increases the synergy of technical and non technical stakeholders and delivers customer oriented products. The paper brings emphasis that an enterprise of a high performing RE capability must establish in order to ensure quality as well as to ensure a situation of a rapid response mechanism in the face of dynamic development circumstances.

**4. Questions and reflection**

**Questions raised by the read:**

* Which particular tool sets or training programs have most effectively created a high performing RE competency within agile teams?
* How do we measure the impact of improved RE practices on product success and stakeholder satisfaction?

**My opinion about the paper:**  
The paper is really good showing the connection gap between the improvisation and creativity in agile development and the rigid structure the requirements engineering requires most of the time. The discussion on the strategies for integration and ongoing improvement is kinda engaging because it addresses a practical issue most agile teams face in the real world works that they do.

**What to retain for future professional practice:**

* the need to integrate RE practices during all lifecycle and not as an initial step
* the need to constantly analyze and adapt RE strategies in order to meet the changing of the user needs and the overall market conditions