IEEE Software article on Requirements Rationales

Today we will dive a little deeper into a specific task of requirements management, namely managing requirements rationales.
For that, we analyze the article by Anil Kumar Thurimella, Mathias Schubanz, Andreas Pleuss, and Goetz Botterweck. "Guidelines for Managing Requirements Rationales." IEEE Software 34, no. 1 (2017): 82-90.

The article is available on BeachBoard for download and (connected to CSULB) at
http://ieeexplore.ieee.org.ezproxy.library.csulb.edu/document/7325184/?reload=true

For you, the exercise is to scan through the article and quickly get an overview without having to read it from front to back. This reading technique is called skimming and it is useful to have this skill for all of your future continued professional education.
In continued professional education, you may be studying self-directed and have to take best guesses about which articles will help you further. And in order to not waste time on articles that don't suit your particular learning goal at that time, you want to be able to skim quickly and identify the most relevant facts, insights, and best practices.
Here is a link on skimming and scanning to speed up reading:
http://www.howtolearn.com/2013/02/skimming-and-scanning-two-important-strategies-for-speeding-up-your-reading/

A word of caution: Speed-reading anything you need to truly comprehend is probably a bad idea. However, if you have a few documents you need to get through or you're reading something that isn't that important, these methods can still be worthwhile. Just know that you won't become a super-fast reading comprehension machine.
Therefore, here is a link on the limitations and good food for thought on reading:
https://www.wired.com/2017/01/make-resolution-read-speed-reading-wont-help/

As a source for your continued professional education, IEEE Software (https://www.computer.org/software-magazine/) is a reliable, well-written, and digestible source for topics all around research on software engineering, software development and maintenance, and software project management. Communications of the ACM (https://cacm.acm.org/) is another good source reporting on research ready to transfer into practice.

Today, please spend about 20 minutes on skimming the article and then we will briefly discuss the main insights around the following concepts that you would want to be able to identify in any research article:
- What is the research problem addressed in this article?
- What are the challenges or research questions under analysis?
- What is the presented solution? How is it applied?
- What is the impact of the solution? (= In what way does it solve the problem or improve the situation?)