

Weekly Report —*Friday, 21st May 2021*

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• **What I have done**

1. To gain a better result of scope identification, David and I were conducting on narrowing down a list of selected papers sorted by its publication date, citation times and relevance level. By searching the key words 'Cross-domain', 'Vulnerability detection', 'deep-learning based', we get multiple results.
2. By reading and eliciting the relevant papers, paper abstracts provide us a general idea to identify whether it is the idealised ones we need.

• **What I plan to do**

1. Extend scope range based on yongzheng's feedback after client meeting.

• **The Issue I've encountered**

1. Due to the fact that all three selected papers are from the same team, this maybe cause a bias. Therefore, we may need to change at least one of them and replace it with some other convincing, academic paper, which demonstrates the code process well.