Assignment Report / Research paper (Content to be covered)

Paper title – Add a suitable title based on the vulnerability you have selected

Group member details

Abstract – DO NOT write until you complete the entire paper. After completion summaries the entire paper for 250-300 words, including problem identified, suggested mechanism to avoid the vulnerability (exploitation mechanism you have tried out), results obtained and your recommendations)

Introduction – Give intro about the vulnerability you selected, issues occur because of the selected vulnerability, existing exploitation mechanism in BRIEF.

If possible, add a diagram to explain the vulnerability

Background / Literature survey – Read at least 5 research papers on the selected topic and summaries the methodology they have used to do the exploitations. Keep remember to provide references in IEEE format

  Ex: Windows 7 is better than other OS [1]

Methodology - Explain the methodology followed for the exploitation (You may use exploitation done by one of the paper given in the background/ Literature survey)

Results – Explain the results you have obtained for the exploitation

Conclusion – Summaries all the work you have done and recommend risk mitigation tips, best practices for the selected vulnerability.

References – *(In IEEE format)*

[1] F.Yile, "Research on the Security Problem in Windows 7 Operating System," in *Eighth International Conference on Measuring Technology and Mechatronics Automation*, Macau, China, 2016.