**FORMAN CHRISTIAN COLLEGE (A CHARTERED UNIVERSITY)**

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**COMP-421-B Information Security**

**2022SPRING**

**Project Proposal**

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**Mail Sniper**

Mail sniper is a tool that is a penetration tool used for extracting information from emails. If successful it can extract penalty of information. Information that includes various stuff like email addresses, possibly passwords, emails that sender receiver information etc. This tool is shell scripted and performs deadly attacks on emails present on Microsoft Exchange server.

In order to complete the project, all group members will learn the windows shell scripting as it is the language in which “Mail Sniper” is coded in. The functionality which will be added into the project, is the ability to export all the searched emails into a excel file. For example, the excel file will contain the emails with searched terms which are “password”, “creds”, and “credentials”. However, more functionality will be added, depending on the time frame.

Inconclusion, the final outcome of this project is that, it will be able to produce an excel file all of the searched email with the specific terms.