

National University of Computer & Emerging Sciences
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**Password Strength Tester & Strong Password
Generator**

Project Proposal
Networks and Cybersecurity - 1
Section: BCY – 3A

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Introduction

The main responsibility of the project is to check whether the password written by the user matches the standard of a weak, adequate or strong password, and to advise the user to change their password based on a set of rules on which a strong password can be formed. If the user cannot create their own strong password, then the application can do it for them by generating a password that meets the required security standards. This application scans the password for weaknesses to determine what level of strength the password is, and this scanning is done using various coding methods.