1. **Introduction合并一下两个人的理由然后总结**

a context that will help to understand your chosen topic, with a clearly- defined question inspired by your issue with a rationale that explains what you are doing and why.

**（context + reason + question）**

1.1 生活中密码无处不在

For modern people living in the information age, life cannot be separated from accounts and passwords: email, shopping, banks, school accounts, Facebook, Instagram, and so on. The use of these passwords, on the one hand, ensures that we can have our own digital space, but on the other hand, it also poses risks of privacy breaches and the inconvenience of forgetting passwords…

……

1.2 what is密码学cryptography

1.3 但是管理密码很麻烦，所以我们帮助人们更好地管理密码

1.4 做的这玩意儿有啥用，怎么apply的（概述

1. **Analysis**

a description of the methods you used to gather your data and/or solve your problem. What did you do and why? Show clear steps throughout every step of your analysis, referencing specific topics/modules covered in the CS 5002 course. If you produced a Python program, make sure you submit the .py file as an Appendix to your .pdf report.

**2.1 Methodology Overview**: basically概念+公式，优缺点

2.1.1 凯撒密码

2.1.2 Vigenère 密码

2.1.3 RSA

2.1.4 AES

我们应用上述不同的方法编写不同版本，以适应不同需求

* 1. **Step-by-Step Analysis**:（密码部分
     1. Vigenère 密码的编写，遇到的问题
     2. RSA的编写，遇到的问题
     3. AES的编写，遇到的问题

简要总结各个版本的编写难度以及优缺点

* 1. **Tools and Technologies Used**: （其它部分

Python

Tk（窗口（但只有win能用

密码库

绘制小ico（我这两天随便画一下 换掉原来的

1. **Conclusion**

based on your analysis, answer your question. Then discuss the weaknesses and limitations of your project and suggest avenues for future research. And finally, conclude with a paragraph (one separate paragraph per group member) describing what you learned from this project, and whether this report will be of any value to you – either for a future Northeastern course, or for some other project or endeavor you wish to pursue upon your graduation from Northeastern.

* 1. **Answering the Research Question**: Summarize how your analysis addresses the initial question or problem.
     1. 确实能handle本地密码管理、搜索了
     2. RSA和/或AES的安全性更高
  2. **Project Weaknesses and Limitations**: Critically evaluate the weaknesses and limitations of your approach and results. 搬运proposal总结一下
  3. **What did we learn from this project**

两段个人总结（学到了什么+对未来有什么帮助（课程/project/未来职业））

**4.** **Appendix**

4.1 Reference: 参考文献

找几个别的password manager当参考

4.2 Source 代码