DAY1

THIS IS THE FIRST NOTES I AM WRITING IN A SOFTWARE DOC

CYBER SECURITY

- Cyber security is the practice of protecting computer, networks, data from attacks.

1.CIA Triad

- Confidentiality:
  Data should only be accessed to authorized ppl.
  Example: Password.
- Integrity:
  Data must remain accurate and unchanged unless modified by the user.
- Availability:
  Systems and data must be available when needed by authorized person.
  Ex: Backup systems.

2.Types of Cyber Threats:

- Phishing:Using fake emails to steal data.
- Malware:It is a combo of malicious software which designed to damage or access your system.
- Ransomware:Malware that locks or encrypts your files and demand money to unlock them.
- Dos attack:
  Attackers flood a website or server with heavy traffic.
  Ex:Amazon sale Traffics
- Inside Threats:
  Threat from employee, contractors, or internal people.
  Ex:An employee who resigned copies customer data to a pen drive and sells it to competitiors.
- Man in the middle attack: