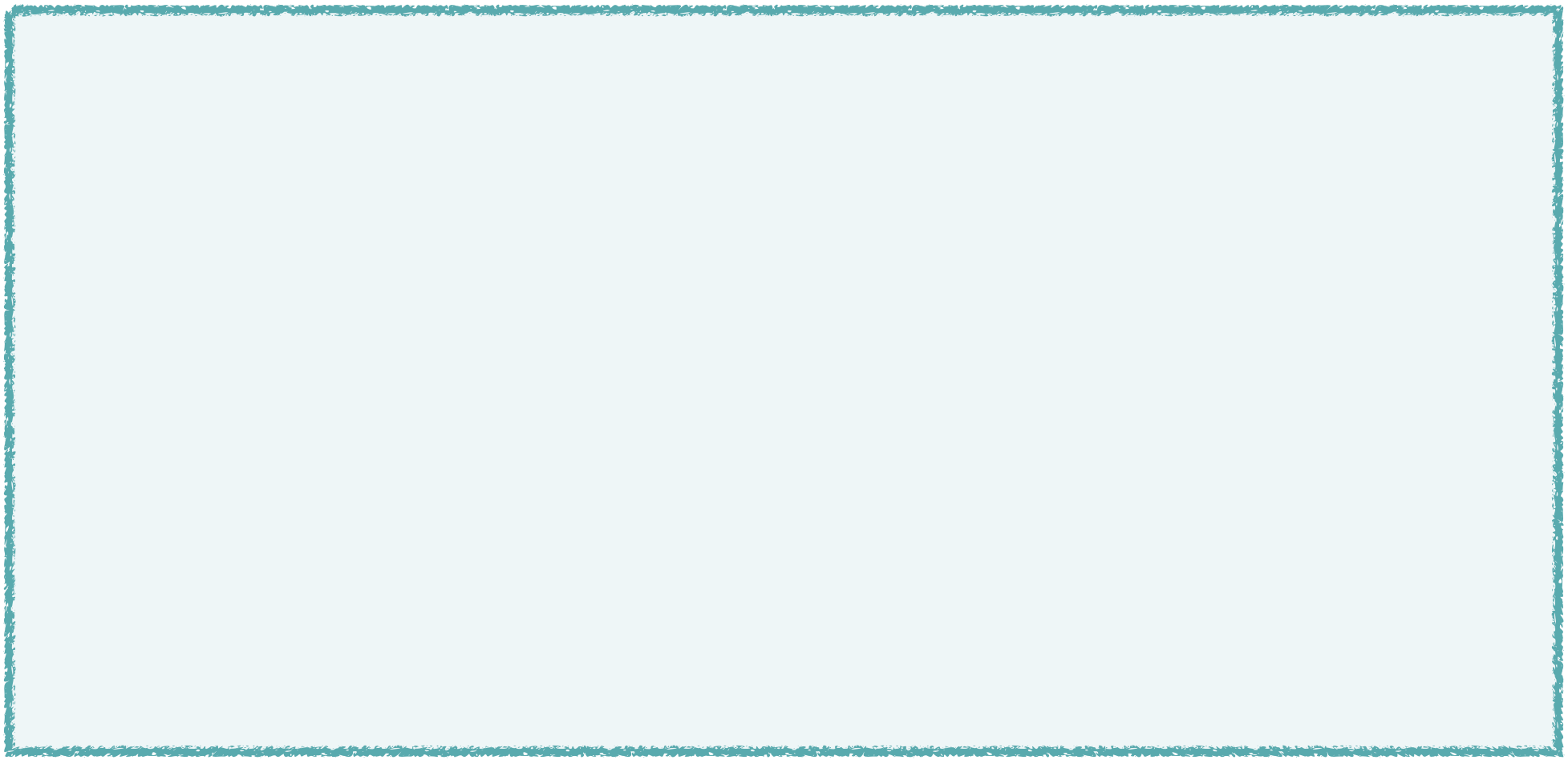




JENNER HALL FEN





ACCESS CONTROL

DATA

YES

NO

NO

ACL



Alice



Bob



Eve





Your application

1. Alice tries to read data

2. Application validates ACL

3. Alice is granted access

4. Alice decrypts the "data key"

5. Alice decrypts data

encrypted with





data key

encrypted with





DATA



API



ACCESS CONTROL



DATA



Alice



Bob



Eve



YES

NO

NO



DATA



Your application

1. Eve exploits application

ACCESS CONTROL



1. Alice tries to read data
2. Application validates ACL
3. Alice is granted access
4. Alice decrypts the "data key"
5. Alice decrypts data



DATA 

