

## TEAM NAME: INNOVATORS

### SECURING DATA FROM CYBER ATTACKERS

#### INTRODUCTION:

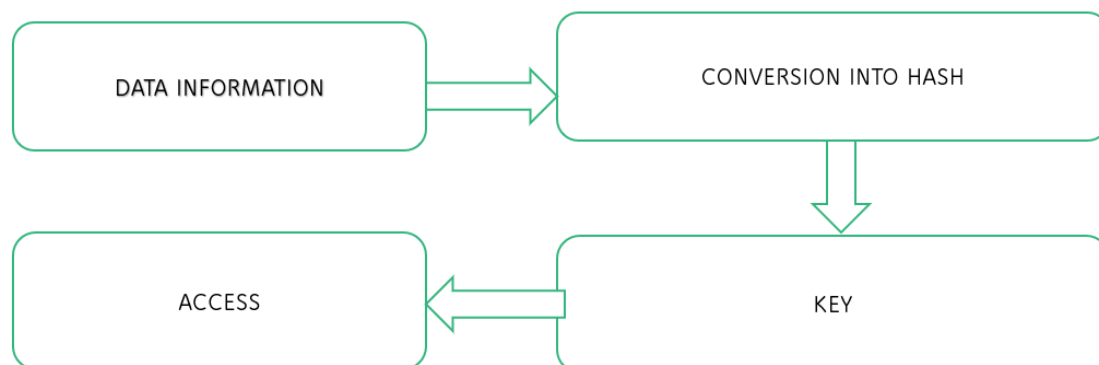
The problem focuses on to secure the data from cyber attackers and to develop a systematic approach in securing the data

#### OBJECTIVE:

- To secure our data from cyber attackers using various techniques
- In day to day life our data's and information were secured with the help of those techniques that were explained in the upcoming slides.
- Generation of hash using MD5, SHA256, etc.. Were also explained in the upcoming slides

#### FLOW DIAGRAM:

### FLOW DIAGRAM



#### HASHING:

### MD5 Hash Generator

Use this generator to create an MD5 hash of a string:

Generate →

Your String	Aldrin
MD5 Hash	8647b2987d77fd0b9028c61245448fc1 <span>Copy</span>
SHA1 Hash	aa8a8f98619a0f979a3cf5947a5c08ff26fd6dd0 <span>Copy</span>

### SHA256

This SHA256 online tool helps you calculate hashes from strings. You can input UTF-8, UTF-16, Hex, Base64, or other encodings. It also supports HMAC.

Settings

Input

Hash

☒ Auto Update

☐ Remember Input

Input Encoding

UTF-8

Output Encoding

Hex

☐ Enable HMAC

Output

38e158e6e94de11139e4c39db7063a7de22a2306e46c2d55040f010b08cf0d5