

AUTHENTICATION

YOU ARE WHO YOU SAY YOU ARE

LIST OF USERS

- USERNAME ← WHO YOU ARE
- PASSWORD ← VALIDATES

AUTHORIZATION

ACCESS LEVEL

YOU CAN DO WHAT YOU ARE ATTEMPTING TO DO

- USER LEVEL - ROLE (1)
- CAPABILITY / PERMISSION [...]

C# (.NET) \Rightarrow Identity

- ~~Data~~ Models

- Integrity / Rules

 - STRONG P/W

 - EMAIL READ

- Integrity of Password

① ID	② USERNAME	PASSWORD
1	JOHN	COOKIE
2	ED	P3NC1L
3	ROSIE	W00T\$!

← UNSAFE

HASH Password

Encryption : 1 way
!= decrypt

Encoding : 2 ways
- Decoding is possible

ID	u	p
1	<u>JOHN</u>	<u>x12x6218.8F.H.3</u>

HASH (word) \Rightarrow
encrypted Gookya

HASH (word) \Rightarrow
hackitznuck
 \uparrow \uparrow
VALIDATE (word, HASH)
TRUE/FALSE

VALIDATE ("JOHN", "100BAR")

x 134@03

0123

JOHN(S AKAM?WFRANM PRORAMER

IMPLEMENT : AUTH

★ (1) INSTALL + SETUP : IDENTITY FRAMEWORK

★ (2) DB WORK - MIGRATION

3/ (3) USER SERVICE

3/ (4) USER CONTROLLER

5 (5) DTO'S - LOGIN
REGISTER
USER

① REGISTER()

USERNAME
PASSWORD
NAME
EMAIL

DTG

② LOGIN() /API/LOGIN

USERNAME
PASSWORD

DTO

③

{
user: JOHN
em: kexkex
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