

user  $\rightarrow$  register  $\Rightarrow$  login

Select group one

upload

CS

select new file

key gen.

file encrypt

store

random  $\times n$   
send to users.

For custom users

$$C = \text{key} + \text{rand no}$$

Keep in dd

cloud login

view files

dec

CS

key verify

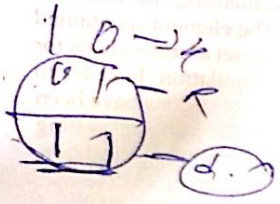
User login

view files

file select

enter key

$$= k_i'$$



$$\frac{10}{10} \quad k + R_1 = k_i'$$

$$k_i' + R = (k) \quad k$$

$$k_i' + R = k_i' \quad k_i' = (R + k)$$

ACK

PID	412	R1	file
	(21)	R	k <sub>i</sub> '
	21	R	