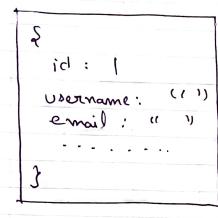
Day 09: Design Pattorn: P	rototype)
(1) Prob tybe → Motivation → Solution → Implement	
(2) Prototybe Registry.	
Prototype Rancho Roal world Roll #2	
Chodus Roll #1	
User API -> Crede User.	
> Load test - I meter.	
Random API  [1000]  - Call the API	
- (reade our user)	

Rale limited

id=1 id=2 id=3 name.

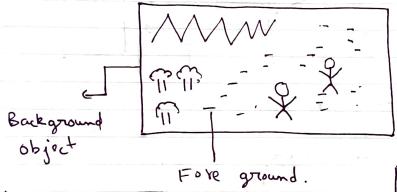
## Prototype flow

(all API Once



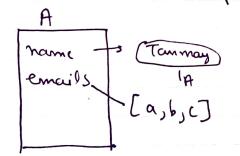
(2) Copy uson.

- (i) Testing
- (2) Grame development.



Implementation

1) (loning - Shallow



manc s kannay e mail (B) 3[a,b,c]

String => Immedable. copy by value. Step 1 - (rede a cloneable interface interface Object choneable ? Object cloneable clone (); Step 2 - Create a concroate class class user imp. object cloneable ? a overnide. user clone () } a prototype samplé model blue print. -> Step-4 - clone the prototype as required. PROTOTYPE cloneable ? Registry/ Graphical Object Bg object BULLDING TREE MIDUNTAIN to store multiple prototypes. We want (2) store own prototype and get them When needed. Registry

CREATE

T

T

T

1

1

5555555555

GET

Localisation (i 18n)

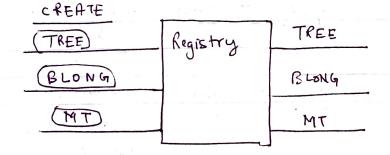
[Hello] ; welcome tent ? welcome tent : Mollo

] .

[Welcome tent : "Namaste" | welcome tent : "Vanakam"
]

3

en → { }



intentace Registry 2

Store (Bh object pro, Type type); Bla object get (Type type);

J.

-> class BG Registry ? Map < Type, badject > registry; >> get () } Store () } 1) Registor - store, get (2) De negistor. -> \_ (3) Modily & Gret ( ) -> (1) [clone able Interface] - common for all obj. that can be cloned. ( Concreate classes - impl. cloneable. imple. clone - Shallow Vs deep copy. (3) [Prototy be Registry] - get ]
- Store (4) (neate prototype)

· ( lone ()

clone The prototybe

(i) Uson probtype

Student Member TA — user registry

(2) Make Registry generic

This is assignment